

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT STORRS, CT 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SUMMER DENSITY | FALL DENSITY | QUALITY RATINGS | | | | | | | MEAN |
|--------------------------|------------------|-------------------|-----------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| AH2 | 8.0 | 6.3 | 7.0 | 7.3 | 8.3 | 6.0 | 7.7 | 6.3 | 6.3 | 7.3 | 8.0 | 7.3 | 7.0 |
| DLFPS-321/3693 | 8.0 | 6.3 | 6.7 | 7.3 | 7.7 | 6.3 | 7.3 | 7.0 | 6.7 | 7.0 | 7.3 | 7.7 | 7.0 |
| AH1 | 7.0 | 6.3 | 6.0 | 7.0 | 8.3 | 6.7 | 6.7 | 6.0 | 6.7 | 7.0 | 7.3 | 7.7 | 6.9 |
| NT-3 | 6.3 | 5.7 | 6.0 | 7.3 | 8.3 | 5.7 | 7.0 | 6.7 | 6.7 | 7.0 | 7.7 | 7.3 | 6.9 |
| PPG-TF 262 | 7.3 | 6.0 | 6.0 | 7.0 | 7.3 | 6.3 | 7.0 | 5.7 | 6.3 | 7.3 | 7.7 | 7.7 | 6.9 |
| PPG-TF 312 | 7.0 | 6.0 | 7.0 | 6.7 | 8.0 | 6.3 | 7.0 | 5.7 | 6.3 | 6.7 | 7.3 | 8.0 | 6.8 |
| 5LSS | 7.0 | 5.3 | 5.0 | 7.3 | 8.7 | 5.3 | 6.3 | 6.0 | 6.3 | 7.3 | 7.7 | 8.0 | 6.7 |
| DLFPS-321/3706 | 7.0 | 6.3 | 6.0 | 6.7 | 7.7 | 6.3 | 7.0 | 6.0 | 6.3 | 7.0 | 6.7 | 7.3 | 6.7 |
| FIRENZA II (PPG-TF 244) | 6.7 | 6.7 | 5.3 | 6.3 | 7.3 | 6.7 | 6.3 | 5.7 | 6.3 | 7.0 | 7.0 | 7.7 | 6.7 |
| GO-RH20 | 7.3 | 6.3 | 6.0 | 6.7 | 8.0 | 6.0 | 6.3 | 6.0 | 6.7 | 6.7 | 7.7 | 7.3 | 6.7 |
| K18-RS6 | 6.3 | 6.0 | 5.7 | 6.7 | 8.7 | 6.0 | 6.7 | 5.7 | 6.0 | 7.3 | 7.7 | 7.3 | 6.7 |
| PARAMOUNT | 7.7 | 6.0 | 5.7 | 7.0 | 7.3 | 6.3 | 7.3 | 6.0 | 6.3 | 6.7 | 6.7 | 7.3 | 6.7 |
| RHF | 7.3 | 5.3 | 6.3 | 6.3 | 7.7 | 6.0 | 7.0 | 5.7 | 6.3 | 6.7 | 7.7 | 7.3 | 6.7 |
| TD2 | 7.3 | 6.0 | 5.7 | 6.3 | 7.0 | 6.3 | 6.3 | 5.3 | 7.0 | 6.7 | 7.3 | 8.0 | 6.7 |
| AVENGER III (PPG-TF 308) | 7.0 | 6.0 | 6.0 | 6.7 | 7.3 | 6.3 | 7.3 | 5.7 | 6.0 | 6.7 | 6.7 | 7.7 | 6.6 |
| DLFPS-321/3705 | 7.0 | 6.0 | 5.0 | 6.0 | 7.3 | 6.0 | 6.3 | 5.7 | 6.7 | 7.0 | 7.3 | 7.3 | 6.6 |
| OKEEFE (LTP-TF-122) | 7.3 | 6.0 | 5.3 | 6.0 | 7.3 | 5.7 | 6.7 | 5.7 | 6.0 | 6.7 | 7.7 | 7.7 | 6.6 |
| RDC | 6.3 | 6.0 | 5.3 | 6.3 | 7.7 | 5.3 | 6.7 | 6.0 | 6.3 | 6.7 | 7.7 | 7.3 | 6.6 |
| SERENADE (PPG-TF 320) | 7.0 | 5.3 | 5.7 | 6.3 | 7.3 | 5.3 | 6.0 | 5.7 | 7.3 | 7.0 | 7.3 | 7.3 | 6.6 |
| ZION (BAR TF 134) | 7.0 | 5.7 | 5.3 | 6.0 | 7.7 | 6.0 | 6.7 | 6.0 | 6.7 | 6.7 | 7.0 | 7.3 | 6.6 |
| BONFIRE (JS DTT) | 7.7 | 5.7 | 5.3 | 6.3 | 7.3 | 5.0 | 7.0 | 6.7 | 6.3 | 6.7 | 6.3 | 7.3 | 6.5 |
| DLFPS-321/3679 | 6.7 | 6.0 | 6.0 | 7.0 | 7.0 | 5.7 | 7.7 | 6.0 | 5.7 | 5.7 | 7.3 | 7.7 | 6.5 |
| K18-NSE | 6.7 | 5.7 | 5.7 | 6.0 | 7.7 | 6.0 | 6.3 | 5.7 | 6.7 | 6.3 | 7.3 | 7.3 | 6.5 |
| NAI-ST5 | 6.7 | 5.0 | 5.3 | 6.3 | 7.7 | 5.0 | 7.3 | 5.7 | 6.0 | 7.3 | 7.7 | 6.7 | 6.5 |
| PPG-TF 231 | 7.3 | 6.0 | 6.3 | 5.7 | 7.3 | 6.3 | 6.3 | 5.3 | 6.3 | 7.3 | 6.7 | 7.0 | 6.5 |
| PPG-TF 267 | 7.7 | 5.7 | 6.3 | 6.7 | 6.7 | 5.7 | 7.7 | 6.0 | 6.0 | 6.3 | 6.7 | 7.0 | 6.5 |
| RHL2 | 7.7 | 5.3 | 6.0 | 7.0 | 6.7 | 5.7 | 6.7 | 5.3 | 6.3 | 7.0 | 7.0 | 7.3 | 6.5 |
| TEACHER (PPG-TF 313) | 7.3 | 6.0 | 6.0 | 6.7 | 8.3 | 5.3 | 6.0 | 5.7 | 6.0 | 6.7 | 8.0 | 7.7 | 6.5 |
| TITAN GLX (TF445) | 7.0 | 6.3 | 6.0 | 6.0 | 8.0 | 6.3 | 7.0 | 6.0 | 6.3 | 6.7 | 7.0 | 6.3 | 6.5 |
| DLFPS-321/3695 | 7.0 | 6.0 | 6.0 | 7.0 | 7.3 | 6.0 | 6.7 | 6.0 | 5.3 | 6.7 | 7.0 | 7.3 | 6.4 |
| DLFPS-321/3707 | 7.0 | 5.7 | 5.7 | 7.0 | 7.7 | 6.0 | 6.7 | 6.0 | 6.0 | 6.3 | 7.0 | 6.7 | 6.4 |
| DLFPS-321/3708 | 8.0 | 5.7 | 5.7 | 6.3 | 7.0 | 5.0 | 6.7 | 6.0 | 6.0 | 6.7 | 7.0 | 7.3 | 6.4 |
| DLFPS-TF/3552 | 6.7 | 5.3 | 5.3 | 6.7 | 7.0 | 5.7 | 6.3 | 6.0 | 5.7 | 7.0 | 7.0 | 7.0 | 6.4 |
| DLFPS-TF/3553 | 7.0 | 5.0 | 6.0 | 6.0 | 7.7 | 5.0 | 6.7 | 5.7 | 6.0 | 6.7 | 7.0 | 7.7 | 6.4 |
| GALACTIC (SESCR1) | 6.3 | 6.0 | 5.7 | 6.0 | 8.0 | 5.7 | 6.0 | 5.3 | 6.3 | 7.0 | 7.3 | 7.0 | 6.4 |
| HEMI | 6.7 | 4.7 | 4.7 | 6.7 | 7.3 | 5.3 | 6.3 | 5.7 | 6.7 | 6.3 | 7.0 | 7.3 | 6.4 |
| K18-WB1 | 7.3 | 6.0 | 5.7 | 6.3 | 7.7 | 6.0 | 5.7 | 5.3 | 6.3 | 6.0 | 7.7 | 7.7 | 6.4 |
| PPG-TF 337 | 7.0 | 5.7 | 6.0 | 6.7 | 7.7 | 5.3 | 5.7 | 6.0 | 6.3 | 6.7 | 7.3 | 7.3 | 6.4 |
| RS1 | 6.7 | 5.3 | 5.7 | 6.7 | 8.0 | 5.0 | 7.0 | 5.0 | 6.0 | 6.7 | 8.0 | 7.3 | 6.4 |
| SPYDER 2LS (ZRC1) | 6.7 | 6.0 | 5.3 | 6.7 | 9.0 | 5.3 | 5.7 | 5.7 | 6.7 | 6.7 | 7.3 | 7.7 | 6.4 |
| STEALTH (PPG-TF 238) | 6.3 | 5.3 | 6.3 | 6.0 | 6.7 | 5.7 | 6.7 | 6.0 | 5.7 | 6.7 | 6.7 | 7.3 | 6.4 |
| BULLSEYE | 7.0 | 5.3 | 5.0 | 6.3 | 8.0 | 5.3 | 5.0 | 5.7 | 6.7 | 6.7 | 7.3 | 7.3 | 6.3 |
| DEGAS (LTP-TF-111) | 7.0 | 6.0 | 6.0 | 7.3 | 7.3 | 5.3 | 6.0 | 6.3 | 6.0 | 7.0 | 7.0 | 6.7 | 6.3 |
| DLFPS-TF/3550 | 6.7 | 5.7 | 5.7 | 6.0 | 7.0 | 6.0 | 6.3 | 5.3 | 5.7 | 6.3 | 7.0 | 7.3 | 6.3 |
| FAIRFIELD (SETF104) | 7.3 | 5.7 | 6.0 | 6.7 | 8.0 | 5.7 | 6.3 | 5.3 | 5.7 | 6.3 | 7.3 | 7.7 | 6.3 |

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2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SUMMER DENSITY | FALL DENSITY | QUALITY RATINGS | | | | | | | MEAN |
|-------------------------------|------------------|-------------------|-----------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| PPG-TF 306 | 7.7 | 5.3 | 5.7 | 6.3 | 7.0 | 5.3 | 7.0 | 5.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.3 |
| RAPTOR LS (PPG-TF 336) | 7.0 | 6.0 | 6.7 | 7.0 | 7.0 | 6.0 | 6.7 | 5.7 | 5.3 | 6.3 | 6.7 | 7.3 | 6.3 |
| RH3 | 5.7 | 5.7 | 5.7 | 6.3 | 8.0 | 5.3 | 6.0 | 5.7 | 6.3 | 6.3 | 7.7 | 6.7 | 6.3 |
| TMT1 | 6.7 | 4.3 | 6.0 | 7.0 | 7.3 | 5.0 | 7.0 | 6.3 | 5.7 | 6.3 | 6.7 | 7.0 | 6.3 |
| BULLSEYE LTZ | 7.3 | 5.0 | 5.7 | 6.0 | 7.0 | 5.3 | 6.3 | 5.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.2 |
| COL-TF-148 | 6.7 | 5.7 | 5.7 | 6.3 | 7.0 | 5.0 | 6.0 | 5.7 | 6.0 | 7.0 | 6.7 | 7.3 | 6.2 |
| DLFPS-321/3701 | 7.0 | 6.0 | 6.0 | 6.7 | 7.7 | 5.7 | 6.3 | 5.3 | 5.7 | 6.7 | 7.0 | 7.0 | 6.2 |
| KIZZLE (K18-ROE) | 7.3 | 6.3 | 5.7 | 6.3 | 6.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 6.2 |
| PPG-TF 257 | 7.3 | 5.7 | 6.3 | 6.3 | 6.7 | 5.3 | 7.0 | 5.3 | 5.7 | 6.3 | 7.0 | 6.7 | 6.2 |
| PPG-TF 318 | 7.3 | 5.0 | 5.7 | 6.0 | 7.3 | 5.3 | 6.3 | 5.3 | 5.7 | 6.3 | 6.7 | 7.7 | 6.2 |
| TANK (PPG-TF 338) | 7.0 | 5.3 | 6.0 | 6.7 | 7.0 | 5.3 | 6.3 | 6.0 | 6.3 | 6.7 | 6.3 | 6.7 | 6.2 |
| TITAN MAX (TF456) | 7.0 | 5.7 | 5.7 | 6.3 | 8.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 7.0 | 6.3 | 6.2 |
| TITANIUM G-LS (PPG-TF 255) | 7.7 | 6.0 | 6.3 | 6.7 | 7.0 | 6.0 | 7.7 | 5.7 | 5.3 | 6.7 | 6.0 | 6.3 | 6.2 |
| TRIAD (PPG-TF 323) | 7.3 | 5.0 | 6.0 | 6.0 | 8.0 | 6.0 | 6.3 | 5.3 | 6.0 | 6.0 | 6.3 | 7.7 | 6.2 |
| DLFPS-321/3699 | 8.0 | 5.0 | 5.7 | 6.7 | 8.0 | 5.0 | 6.3 | 5.3 | 5.7 | 6.0 | 7.3 | 7.0 | 6.1 |
| FIRECRACKER G-LS (PPG-TF 315) | 7.0 | 5.7 | 7.0 | 7.0 | 7.0 | 5.3 | 6.0 | 5.7 | 6.0 | 6.7 | 6.7 | 6.3 | 6.1 |
| GRANDE 3 | 7.7 | 6.0 | 5.0 | 6.3 | 6.7 | 5.7 | 5.7 | 5.3 | 5.7 | 6.3 | 7.0 | 7.3 | 6.1 |
| JT 517 | 8.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.0 | 7.3 | 6.0 | 5.3 | 5.7 | 6.0 | 6.3 | 6.1 |
| PPG-TF 249 | 7.3 | 5.3 | 5.7 | 6.3 | 7.7 | 5.3 | 6.3 | 5.3 | 5.7 | 6.0 | 6.7 | 7.3 | 6.1 |
| RC4 | 7.0 | 4.7 | 5.7 | 6.7 | 7.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.3 | 7.0 | 6.7 | 6.1 |
| SYMPHONY (PPG-TF 305) | 6.7 | 4.3 | 5.3 | 5.7 | 7.0 | 5.0 | 5.7 | 5.3 | 5.7 | 7.0 | 7.0 | 7.0 | 6.1 |
| COPIOUS TF | 7.3 | 4.0 | 4.7 | 6.3 | 7.0 | 5.3 | 6.0 | 6.0 | 5.7 | 6.7 | 6.0 | 6.7 | 6.0 |
| DLFPS-321/3694 | 7.7 | 6.3 | 6.0 | 6.3 | 6.7 | 5.7 | 6.3 | 4.7 | 5.7 | 6.3 | 6.7 | 7.0 | 6.0 |
| DLFPS-321/3702 | 7.3 | 5.7 | 5.3 | 5.7 | 6.3 | 5.3 | 6.3 | 5.3 | 5.7 | 5.7 | 6.3 | 7.3 | 6.0 |
| DYNAMITE G-LS (PPG-TF 254) | 7.0 | 5.3 | 5.7 | 6.0 | 6.7 | 6.0 | 6.0 | 4.7 | 6.0 | 6.0 | 6.3 | 6.7 | 6.0 |
| ESTRENA | 6.7 | 6.0 | 5.3 | 5.3 | 7.3 | 6.0 | 6.3 | 5.0 | 5.7 | 6.0 | 6.3 | 6.3 | 6.0 |
| GLX ACED (PST-5DART) | 6.0 | 5.0 | 5.3 | 5.7 | 7.7 | 4.7 | 6.3 | 5.3 | 6.0 | 6.3 | 7.0 | 6.3 | 6.0 |
| JT 233 | 7.0 | 5.3 | 5.3 | 6.7 | 7.0 | 5.3 | 6.3 | 5.3 | 6.0 | 6.0 | 6.7 | 6.7 | 6.0 |
| NAI-ROS4 | 6.7 | 6.3 | 5.7 | 6.3 | 8.0 | 5.0 | 6.0 | 4.7 | 6.0 | 6.3 | 7.0 | 7.3 | 6.0 |
| PADRE 2 | 6.7 | 6.0 | 5.0 | 6.0 | 6.0 | 5.7 | 6.7 | 5.3 | 5.3 | 5.7 | 6.3 | 6.7 | 6.0 |
| PPG-TF 316 | 7.0 | 5.3 | 4.7 | 6.3 | 7.3 | 5.0 | 5.7 | 5.7 | 5.7 | 6.3 | 6.7 | 7.0 | 6.0 |
| PST-5GLBS | 6.0 | 4.3 | 6.0 | 6.0 | 6.0 | 5.3 | 6.7 | 6.0 | 5.0 | 6.3 | 6.0 | 7.0 | 6.0 |
| PST-5GQ | 6.3 | 5.0 | 5.3 | 6.0 | 5.7 | 5.0 | 7.3 | 5.7 | 5.0 | 6.0 | 6.0 | 6.7 | 6.0 |
| PST-5MCMO | 5.7 | 5.7 | 5.3 | 5.7 | 6.7 | 5.7 | 6.3 | 5.0 | 5.7 | 6.0 | 6.3 | 7.0 | 6.0 |
| RAPTOR III | 7.3 | 5.3 | 5.7 | 6.3 | 7.0 | 4.7 | 5.7 | 5.3 | 6.0 | 6.7 | 7.0 | 7.0 | 6.0 |
| SETFM3 | 8.0 | 5.3 | 6.0 | 6.3 | 6.3 | 5.3 | 6.3 | 5.7 | 5.3 | 6.0 | 6.0 | 7.0 | 6.0 |
| TALLADEGA II (NAI-3N2) | 7.0 | 5.7 | 5.0 | 5.7 | 7.0 | 6.0 | 6.7 | 5.3 | 5.7 | 6.0 | 6.3 | 6.3 | 6.0 |
| XANADU (JT 268) | 7.3 | 5.7 | 5.7 | 6.3 | 7.7 | 5.7 | 6.0 | 5.3 | 6.3 | 6.3 | 6.0 | 6.3 | 6.0 |
| DLFPS-321/3703 | 7.0 | 5.3 | 5.0 | 6.3 | 7.0 | 5.0 | 5.7 | 4.7 | 5.7 | 6.3 | 6.7 | 7.0 | 5.9 |
| DRAGSTER | 6.7 | 5.7 | 5.7 | 5.0 | 7.0 | 4.7 | 5.3 | 4.7 | 6.0 | 6.7 | 7.0 | 7.0 | 5.9 |
| NAI-FQZ-17 | 7.0 | 6.0 | 5.0 | 6.3 | 5.7 | 6.0 | 7.0 | 5.3 | 5.0 | 6.0 | 5.3 | 6.3 | 5.9 |
| PST-5MINK | 7.0 | 5.0 | 5.0 | 6.0 | 6.7 | 4.7 | 7.0 | 6.3 | 5.3 | 5.7 | 6.0 | 6.0 | 5.9 |
| ATF1768 | 7.0 | 5.7 | 5.3 | 6.0 | 5.7 | 5.7 | 6.3 | 5.7 | 5.0 | 5.7 | 6.0 | 6.0 | 5.8 |
| BY-TF-169 | 6.7 | 4.7 | 5.0 | 6.0 | 6.3 | 4.7 | 5.7 | 5.0 | 5.7 | 5.7 | 6.0 | 7.7 | 5.8 |
| FAYETTE | 7.0 | 5.3 | 5.0 | 6.7 | 6.7 | 5.3 | 5.3 | 5.3 | 6.0 | 6.7 | 6.0 | 6.0 | 5.8 |

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| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SUMMER DENSITY | FALL DENSITY | APR | MAY | JUN | QUALITY JUL | RATINGS AUG | SEP | OCT | MEAN |
|-----------------------|------------------|-------------------|-----------------|-------------------|-----------------|------|------|------|----------------|----------------|------|------|------|
| FIREHAWK SLT | 6.7 | 5.3 | 5.0 | 5.7 | 7.7 | 5.3 | 5.7 | 4.7 | 6.0 | 6.0 | 6.3 | 6.7 | 5.8 |
| MOONDANCE GLX | 6.3 | 5.0 | 4.3 | 6.0 | 6.0 | 5.0 | 6.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.7 | 5.8 |
| NATURALLY GREEN | 8.0 | 6.7 | 4.3 | 5.7 | 6.7 | 6.0 | 5.7 | 5.3 | 5.3 | 6.3 | 6.3 | 5.3 | 5.8 |
| RH1 | 7.7 | 5.3 | 5.7 | 5.7 | 7.0 | 5.3 | 5.7 | 5.3 | 5.3 | 5.7 | 6.3 | 6.7 | 5.8 |
| TOUGH (NAI-TUE) | 7.3 | 4.7 | 5.3 | 6.3 | 7.7 | 4.7 | 5.3 | 5.3 | 5.7 | 6.7 | 6.3 | 6.3 | 5.8 |
| 3B2 | 7.3 | 5.3 | 5.3 | 5.7 | 6.0 | 5.7 | 5.7 | 5.0 | 5.7 | 5.7 | 6.3 | 6.0 | 5.7 |
| BANDIT | 7.3 | 4.7 | 5.7 | 6.3 | 6.3 | 5.3 | 6.7 | 5.7 | 4.7 | 5.3 | 5.7 | 6.3 | 5.7 |
| BGR-TF3 | 7.7 | 6.0 | 5.7 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 | 5.0 | 5.3 | 5.3 | 6.3 | 5.7 |
| DLFPS-321/3696 | 7.3 | 4.7 | 6.3 | 5.7 | 6.0 | 4.7 | 5.3 | 5.3 | 5.7 | 6.3 | 6.3 | 6.0 | 5.7 |
| GRO-PRO (SE53D2) | 6.0 | 5.0 | 5.0 | 5.7 | 6.0 | 5.0 | 5.7 | 5.0 | 5.7 | 6.0 | 5.7 | 6.7 | 5.7 |
| RAD-TF105 | 8.3 | 4.0 | 5.3 | 6.0 | 6.3 | 4.7 | 5.3 | 5.3 | 5.3 | 6.3 | 6.3 | 6.7 | 5.7 |
| TANGO | 6.7 | 4.3 | 5.0 | 6.3 | 6.3 | 5.0 | 6.7 | 5.7 | 5.3 | 5.7 | 6.0 | 5.3 | 5.7 |
| 3N1 | 6.3 | 4.7 | 6.0 | 5.7 | 6.0 | 5.0 | 5.3 | 5.0 | 6.0 | 5.7 | 5.7 | 6.7 | 5.6 |
| MONUMENT (PST-5SQB) | 5.3 | 5.0 | 4.3 | 5.3 | 6.0 | 5.3 | 6.0 | 5.0 | 5.3 | 5.3 | 5.7 | 6.3 | 5.6 |
| PST-5DZM | 6.3 | 4.3 | 4.3 | 6.3 | 6.0 | 4.7 | 6.0 | 5.3 | 5.3 | 5.0 | 6.0 | 7.0 | 5.6 |
| PST-5E6 | 6.3 | 5.7 | 4.7 | 5.0 | 5.7 | 5.7 | 5.7 | 5.3 | 5.0 | 5.7 | 6.0 | 6.0 | 5.6 |
| RAD-TF131 | 8.0 | 4.7 | 5.3 | 5.7 | 6.3 | 4.3 | 5.7 | 5.3 | 5.7 | 5.7 | 6.0 | 6.3 | 5.6 |
| A-TF31 | 7.7 | 5.0 | 6.0 | 6.3 | 6.0 | 5.3 | 6.0 | 5.3 | 5.0 | 5.7 | 5.3 | 5.7 | 5.5 |
| AST8118LM | 7.7 | 5.3 | 5.0 | 5.7 | 6.0 | 5.3 | 6.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.5 |
| ATF2116 | 7.0 | 5.3 | 4.7 | 6.0 | 5.7 | 5.3 | 6.0 | 5.0 | 5.0 | 5.3 | 5.7 | 6.0 | 5.5 |
| LBF | 7.7 | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 | 6.3 | 4.3 | 5.0 | 5.7 | 5.7 | 6.0 | 5.5 |
| PST-5DC24 | 6.3 | 5.0 | 5.0 | 6.0 | 6.3 | 4.7 | 6.0 | 5.3 | 5.0 | 5.7 | 5.7 | 6.0 | 5.5 |
| PST-5THM | 6.3 | 5.3 | 5.3 | 5.3 | 5.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.3 | 5.7 | 5.3 | 5.5 |
| RAD-TF115 (TURBO SS) | 7.3 | 3.7 | 5.3 | 5.7 | 6.7 | 4.7 | 5.3 | 5.3 | 5.0 | 5.3 | 5.7 | 7.0 | 5.5 |
| BRAVO 2 | 7.3 | 6.0 | 5.0 | 6.0 | 5.3 | 5.3 | 6.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.4 |
| ESCALADE | 6.3 | 6.3 | 4.7 | 5.0 | 5.0 | 6.3 | 5.7 | 4.7 | 4.7 | 5.0 | 5.7 | 6.0 | 5.4 |
| PST-5BYOB | 6.7 | 5.7 | 4.7 | 5.7 | 5.7 | 6.0 | 5.7 | 4.7 | 5.0 | 5.0 | 5.7 | 5.7 | 5.4 |
| PST-5TRN | 6.0 | 5.0 | 5.7 | 5.0 | 6.0 | 4.7 | 5.7 | 5.0 | 5.0 | 5.7 | 5.7 | 6.3 | 5.4 |
| BAR 9FE MAS | 8.0 | 5.3 | 5.0 | 6.0 | 5.0 | 5.3 | 6.0 | 4.7 | 5.0 | 5.0 | 5.7 | 5.3 | 5.3 |
| LIFEGUARD | 6.3 | 5.3 | 4.7 | 5.7 | 5.7 | 4.7 | 5.3 | 4.7 | 4.7 | 6.3 | 5.7 | 6.0 | 5.3 |
| SE5STAR | 6.3 | 4.7 | 5.0 | 6.0 | 6.3 | 4.7 | 5.0 | 5.0 | 5.0 | 6.0 | 5.7 | 6.0 | 5.3 |
| SETFM2 | 8.3 | 5.0 | 5.3 | 5.7 | 5.7 | 5.3 | 5.0 | 5.0 | 5.0 | 5.7 | 5.3 | 6.0 | 5.3 |
| BAR-FA8230 | 6.7 | 5.3 | 4.3 | 5.3 | 6.0 | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 5.0 | 5.7 | 5.2 |
| OG-WALK | 6.3 | 5.7 | 4.0 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 | 4.7 | 5.0 | 5.0 | 5.7 | 5.2 |
| AST8218LM | 7.7 | 5.3 | 4.7 | 6.0 | 5.0 | 5.0 | 5.7 | 5.0 | 4.7 | 5.0 | 5.3 | 5.3 | 5.1 |
| BIRMINGHAM | 7.3 | 5.0 | 5.3 | 5.0 | 7.0 | 5.7 | 4.7 | 5.0 | 4.3 | 5.3 | 5.3 | 5.7 | 5.1 |
| GO-AOMK | 8.0 | 4.3 | 4.7 | 5.3 | 5.3 | 5.0 | 5.7 | 4.7 | 4.7 | 5.0 | 5.0 | 5.7 | 5.1 |
| PRO GOLD | 5.7 | 5.3 | 4.7 | 5.3 | 5.0 | 5.0 | 5.3 | 4.7 | 5.0 | 5.0 | 5.3 | 5.3 | 5.1 |
| GRAND PRIX (FC15-01P) | 6.0 | 5.7 | 4.3 | 5.0 | 5.0 | 5.3 | 5.3 | 4.7 | 4.7 | 5.0 | 5.0 | 5.3 | 5.0 |
| BAR FA 8228 | 6.0 | 4.7 | 4.0 | 5.0 | 4.7 | 4.3 | 4.7 | 4.7 | 4.7 | 5.0 | 5.0 | 5.7 | 4.9 |
| PALOMAR | 6.3 | 5.7 | 3.7 | 5.0 | 4.3 | 5.7 | 5.3 | 4.3 | 4.0 | 4.7 | 5.3 | 4.7 | 4.9 |
| KENTUCKY-31 | 3.3 | 5.3 | 3.0 | 4.0 | 3.7 | 4.7 | 3.3 | 3.3 | 3.3 | 3.0 | 4.0 | 4.0 | 3.7 |
| LSD VALUE | 1.5 | 1.7 | 1.5 | 1.5 | 1.4 | 2.7 | 2.8 | 1.6 | 1.3 | 1.2 | 1.1 | 1.4 | 0.8 |
| C.V. (%) | 11.4 | 14.0 | 14.3 | 11.8 | 12.7 | 14.8 | 16.4 | 13.1 | 12.5 | 11.2 | 10.6 | 11.9 | 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 2.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT NEWARK, DE 1/
2021 DATA

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

| NAME | SPRING GREENUP | BROWN PATCH | | | | | | | | | QUALITY RATINGS | | | | | | MEAN |
|----------------------------|-------------------|-------------|------|--------|-----|-----|-----|-----|-----|-----|-----------------|-----|-----|-----|-----|-----|------|
| | | JUNE | JULY | AUGUST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| AH2 | 7.3 | 9.0 | 7.0 | 7.7 | 7.3 | 7.3 | 7.0 | 7.3 | 7.3 | 8.0 | 7.7 | 7.7 | 8.3 | 8.3 | 7.7 | 8.0 | 7.7 |
| TD2 | 8.3 | 7.7 | 6.3 | 6.7 | 7.7 | 7.7 | 7.0 | 7.3 | 7.7 | 7.3 | 6.0 | 7.0 | 8.3 | 8.0 | 8.3 | 8.0 | 7.5 |
| 5LSS | 7.7 | 9.0 | 6.3 | 5.7 | 7.7 | 7.0 | 7.3 | 8.3 | 8.0 | 7.3 | 6.7 | 6.3 | 7.3 | 8.0 | 7.3 | 7.0 | 7.4 |
| BY-TF-169 | 7.3 | 8.3 | 6.0 | 6.3 | 7.3 | 7.7 | 6.7 | 7.3 | 7.0 | 7.3 | 6.7 | 6.7 | 8.0 | 8.0 | 8.3 | 7.7 | 7.4 |
| PPG-TF 262 | 8.0 | 8.7 | 6.0 | 6.7 | 8.0 | 8.0 | 7.3 | 7.0 | 6.7 | 8.0 | 6.3 | 6.7 | 7.3 | 7.7 | 7.7 | 7.7 | 7.4 |
| PPG-TF 337 | 8.0 | 8.3 | 6.3 | 6.0 | 8.0 | 8.0 | 7.7 | 8.3 | 7.3 | 7.3 | 6.7 | 6.3 | 6.7 | 8.3 | 7.7 | 7.0 | 7.4 |
| TEACHER (PPG-TF 313) | 8.0 | 7.3 | 6.0 | 6.3 | 7.7 | 7.3 | 7.3 | 7.3 | 7.3 | 6.3 | 6.3 | 8.0 | 7.7 | 8.0 | 7.7 | 7.3 | 7.4 |
| XANADU (JT 268) | 7.0 | 8.7 | 6.7 | 6.3 | 7.7 | 7.3 | 7.0 | 7.3 | 7.7 | 8.0 | 7.3 | 7.0 | 7.3 | 7.3 | 7.7 | 7.3 | 7.4 |
| AVENGER III (PPG-TF 308) | 7.3 | 9.0 | 6.7 | 6.7 | 7.3 | 7.7 | 7.0 | 7.3 | 7.3 | 6.3 | 6.7 | 7.3 | 7.0 | 8.7 | 7.7 | 7.7 | 7.3 |
| DLFPS-321/3695 | 8.7 | 8.7 | 5.7 | 7.0 | 8.0 | 7.3 | 7.7 | 7.0 | 6.7 | 7.0 | 6.0 | 7.3 | 7.7 | 7.7 | 7.3 | 7.3 | 7.3 |
| DLFPS-321/3701 | 7.3 | 9.0 | 7.0 | 6.3 | 7.7 | 7.3 | 7.0 | 7.7 | 7.3 | 7.3 | 7.3 | 6.0 | 7.7 | 7.7 | 7.3 | 7.3 | 7.3 |
| DLFPS-321/3705 | 7.7 | 8.3 | 6.7 | 7.7 | 7.7 | 7.0 | 7.3 | 7.3 | 7.0 | 7.0 | 6.3 | 7.3 | 7.7 | 8.0 | 7.7 | 7.3 | 7.3 |
| DLFPS-321/3708 | 7.0 | 8.0 | 6.3 | 6.3 | 7.7 | 7.0 | 6.7 | 8.0 | 8.0 | 7.7 | 7.0 | 6.7 | 6.3 | 7.3 | 7.7 | 7.3 | 7.3 |
| DLFPS-TF/3550 | 7.3 | 8.7 | 5.7 | 5.7 | 7.7 | 7.3 | 7.0 | 7.7 | 7.3 | 7.7 | 6.3 | 6.3 | 6.7 | 8.0 | 7.3 | 7.7 | 7.3 |
| GO-RH20 | 7.7 | 8.3 | 7.0 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 6.7 | 7.3 | 8.0 | 7.7 | 7.7 | 7.3 | 7.3 |
| JT 233 | 7.3 | 9.0 | 6.3 | 6.3 | 7.3 | 7.0 | 7.0 | 8.0 | 7.0 | 7.3 | 7.3 | 6.7 | 7.3 | 7.7 | 8.0 | 6.7 | 7.3 |
| K18-NSE | 8.0 | 8.3 | 6.3 | 6.7 | 8.0 | 7.7 | 7.7 | 7.7 | 7.0 | 6.7 | 7.3 | 7.0 | 7.7 | 7.3 | 6.3 | 7.0 | 7.3 |
| K18-RS6 | 7.0 | 8.3 | 6.0 | 6.0 | 7.7 | 7.3 | 6.7 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.3 | 8.0 | 7.7 | 7.0 | 7.3 |
| PPG-TF 306 | 7.3 | 8.3 | 5.3 | 6.0 | 7.3 | 7.3 | 7.0 | 8.0 | 8.0 | 7.3 | 6.0 | 7.0 | 7.7 | 7.3 | 7.7 | 7.3 | 7.3 |
| PST-5E6 | 8.0 | 7.7 | 6.0 | 6.0 | 7.7 | 7.7 | 7.7 | 6.7 | 6.3 | 7.7 | 6.7 | 6.3 | 8.0 | 8.3 | 6.7 | 7.3 | 7.3 |
| RAPTOR LS (PPG-TF 336) | 7.7 | 8.7 | 6.7 | 7.0 | 7.7 | 7.7 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.3 | 7.0 | 7.3 |
| RDC | 8.0 | 8.7 | 6.7 | 6.7 | 7.3 | 7.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.7 | 7.7 | 7.3 | 7.3 | 7.3 |
| STEALTH (PPG-TF 238) | 6.3 | 8.3 | 6.7 | 6.3 | 7.7 | 7.0 | 6.7 | 7.3 | 7.3 | 7.3 | 6.3 | 7.3 | 7.3 | 8.0 | 7.7 | 8.0 | 7.3 |
| TITAN GLX (TF445) | 7.7 | 8.3 | 6.3 | 6.3 | 7.3 | 7.7 | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 8.0 | 7.7 | 7.7 | 7.7 | 7.7 | 7.3 |
| TITANIUM G-LS (PPG-TF 255) | 7.7 | 7.0 | 6.3 | 6.7 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 7.7 | 8.7 | 8.0 | 7.0 | 7.3 |
| TRIAD (PPG-TF 323) | 7.0 | 8.0 | 6.3 | 5.7 | 7.7 | 7.3 | 6.7 | 7.3 | 7.7 | 7.7 | 6.0 | 6.7 | 7.7 | 8.3 | 7.7 | 7.3 | 7.3 |
| AH1 | 8.3 | 7.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.7 | 6.7 | 7.0 | 6.7 | 6.7 | 8.3 | 7.7 | 7.3 | 7.0 | 7.2 |
| COL-TF-148 | 7.7 | 8.3 | 6.3 | 6.3 | 7.7 | 7.7 | 7.3 | 7.7 | 6.7 | 6.7 | 7.0 | 6.7 | 7.3 | 7.3 | 7.3 | 6.7 | 7.2 |
| DLFPS-TF/3552 | 7.7 | 8.7 | 6.0 | 6.0 | 8.0 | 7.0 | 7.7 | 7.3 | 6.7 | 7.7 | 6.7 | 6.7 | 6.3 | 8.0 | 7.0 | 7.0 | 7.2 |
| DYNAMITE G-LS (PPG-TF 254) | 7.7 | 9.0 | 6.3 | 6.3 | 7.3 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 6.3 | 7.3 | 8.3 | 7.7 | 7.7 | 7.0 | 7.2 |
| NAI-ROS4 | 7.3 | 9.0 | 6.7 | 6.7 | 7.0 | 7.3 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 6.7 | 7.3 | 7.7 | 7.0 | 7.7 | 7.2 |
| NT-3 | 7.0 | 8.3 | 5.7 | 6.3 | 7.0 | 7.3 | 7.0 | 7.3 | 7.7 | 5.7 | 6.7 | 7.3 | 8.0 | 7.7 | 7.7 | 7.7 | 7.2 |
| PPG-TF 249 | 7.3 | 8.7 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.7 | 7.0 | 7.0 | 6.7 | 6.7 | 7.7 | 8.0 | 7.0 | 7.3 | 7.2 |
| PPG-TF 267 | 6.7 | 8.0 | 5.7 | 5.7 | 7.7 | 7.3 | 6.7 | 7.7 | 7.3 | 6.7 | 6.7 | 6.3 | 7.3 | 7.7 | 7.0 | 7.7 | 7.2 |
| PPG-TF 312 | 7.0 | 8.7 | 6.7 | 6.7 | 8.0 | 7.7 | 6.7 | 7.7 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.3 | 7.7 | 7.7 | 7.2 |
| PPG-TF 316 | 7.3 | 8.7 | 6.7 | 6.3 | 7.0 | 7.7 | 7.3 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.7 | 7.3 | 7.3 | 7.2 |
| RHL2 | 6.7 | 8.7 | 6.0 | 6.0 | 7.3 | 7.3 | 6.7 | 7.3 | 7.3 | 7.0 | 6.7 | 6.7 | 7.3 | 8.3 | 7.3 | 7.0 | 7.2 |
| SPYDER 2LS (ZRC1) | 7.3 | 8.7 | 6.3 | 6.7 | 7.3 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.3 | 7.3 | 7.2 |
| SYMPHONY (PPG-TF 305) | 7.0 | 9.0 | 5.7 | 5.0 | 7.7 | 7.3 | 6.3 | 7.7 | 7.7 | 7.3 | 6.3 | 5.7 | 7.0 | 8.3 | 8.3 | 7.0 | 7.2 |
| TALLADEGA II (NAI-3N2) | 8.0 | 7.7 | 6.7 | 6.3 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 6.7 | 6.7 | 8.0 | 7.7 | 7.0 | 7.3 | 7.2 |
| TITAN MAX (TF456) | 7.0 | 8.0 | 6.0 | 6.7 | 7.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.3 | 6.3 | 6.7 | 7.3 | 8.0 | 7.3 | 7.3 | 7.2 |
| BONFIRE (JS DTT) | 7.0 | 8.3 | 7.3 | 6.7 | 7.3 | 7.0 | 6.7 | 7.3 | 7.0 | 6.7 | 6.3 | 6.3 | 8.3 | 7.0 | 7.7 | 7.0 | 7.1 |
| BULLSEYE LTZ | 6.3 | 8.0 | 6.7 | 6.0 | 7.3 | 7.3 | 6.3 | 7.3 | 7.3 | 7.0 | 6.7 | 7.0 | 6.0 | 7.3 | 7.7 | 7.7 | 7.1 |
| DLFPS-321/3679 | 7.3 | 8.7 | 6.7 | 6.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 7.0 | 7.0 | 7.7 | 7.3 | 7.0 | 7.1 |
| DLFPS-321/3693 | 7.3 | 8.0 | 5.3 | 6.3 | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.7 | 6.0 | 6.7 | 6.3 | 7.0 | 7.3 | 7.3 | 7.1 |

TABLE 2.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT NEWARK, DE 1/
2021 DATA

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

| NAME | SPRING GREENUP | BROWN PATCH | | | | | | | | | | QUALITY RATINGS | | | | | MEAN |
|-------------------------------|-------------------|-------------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----------------|-----|-----|-----|-----|------|
| | | JUNE | JULY | AUGUST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| DLFPS-321/3694 | 7.3 | 7.7 | 6.0 | 6.7 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 7.3 | 6.3 | 6.7 | 7.3 | 7.3 | 7.0 | 7.0 | 7.1 |
| DLFPS-321/3702 | 7.7 | 9.0 | 7.0 | 6.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.7 | 7.3 | 6.7 | 6.7 | 6.7 | 8.0 | 7.0 | 7.7 | 7.1 |
| DLFPS-321/3707 | 7.7 | 7.7 | 6.0 | 5.7 | 8.3 | 7.7 | 7.0 | 7.3 | 6.7 | 7.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.7 | 7.0 | 7.1 |
| DLFPS-TF/3553 | 8.0 | 7.7 | 5.3 | 5.7 | 7.3 | 7.0 | 7.0 | 7.7 | 7.3 | 7.0 | 6.3 | 6.0 | 6.7 | 8.3 | 7.3 | 7.3 | 7.1 |
| DRAGSTER | 7.0 | 7.7 | 6.3 | 6.3 | 7.3 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 7.3 | 8.0 | 7.3 | 7.0 | 7.1 |
| FIRECRACKER G-LS (PPG-TF 315) | 7.0 | 8.7 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 7.7 | 7.7 | 7.0 | 6.3 | 6.3 | 7.0 | 8.0 | 7.3 | 7.0 | 7.1 |
| K18-WB1 | 8.3 | 8.0 | 5.3 | 6.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | 7.7 | 7.7 | 7.7 | 7.3 | 7.1 |
| OKEEFE (LTP-TF-122) | 7.3 | 8.7 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 6.0 | 6.7 | 7.0 | 8.0 | 7.3 | 7.0 | 7.1 |
| RAPTOR III | 7.0 | 8.3 | 6.0 | 6.0 | 7.0 | 7.0 | 6.7 | 7.7 | 7.0 | 7.0 | 6.3 | 6.7 | 7.3 | 8.0 | 7.7 | 7.3 | 7.1 |
| RS1 | 7.7 | 8.3 | 6.3 | 5.3 | 7.7 | 8.0 | 7.3 | 7.0 | 6.7 | 7.3 | 6.3 | 6.3 | 7.0 | 7.3 | 7.7 | 7.0 | 7.1 |
| SERENADE (PPG-TF 320) | 7.7 | 8.3 | 6.7 | 6.3 | 7.7 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 6.3 | 7.0 | 7.0 | 7.7 | 7.7 | 6.7 | 7.1 |
| TMT1 | 7.0 | 8.7 | 5.7 | 6.3 | 7.0 | 7.3 | 6.7 | 7.3 | 7.0 | 7.3 | 6.0 | 7.0 | 7.0 | 7.3 | 7.7 | 7.0 | 7.1 |
| ZION (BAR TF 134) | 8.0 | 8.7 | 6.7 | 6.3 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 7.0 | 7.3 | 7.3 | 7.0 | 7.0 | 7.1 |
| ATF1768 | 7.7 | 8.7 | 5.3 | 5.3 | 7.7 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 5.7 | 5.7 | 7.0 | 7.7 | 7.7 | 7.3 | 7.0 |
| DLFPS-321/3706 | 7.3 | 8.3 | 6.0 | 5.3 | 7.3 | 7.0 | 7.0 | 7.3 | 7.3 | 7.7 | 6.3 | 5.7 | 6.7 | 7.7 | 7.3 | 7.0 | 7.0 |
| FIREHAWK SLT | 7.0 | 9.0 | 6.0 | 5.0 | 7.3 | 7.0 | 6.3 | 7.0 | 7.0 | 7.3 | 6.0 | 5.7 | 8.0 | 7.7 | 7.7 | 7.3 | 7.0 |
| PPG-TF 257 | 7.7 | 8.7 | 5.7 | 5.3 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 6.0 | 6.3 | 7.0 | 7.7 | 7.0 | 7.0 | 7.0 |
| RC4 | 6.3 | 8.7 | 5.7 | 6.0 | 7.3 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 7.3 | 7.7 | 7.7 | 7.0 | 7.0 |
| RH3 | 7.0 | 8.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 7.3 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| RHF | 7.3 | 8.7 | 6.3 | 6.3 | 7.0 | 7.0 | 7.3 | 7.3 | 6.7 | 7.0 | 6.3 | 7.0 | 6.7 | 7.7 | 7.0 | 7.0 | 7.0 |
| TANK (PPG-TF 338) | 7.0 | 8.0 | 6.7 | 6.3 | 7.7 | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.0 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 |
| 3B2 | 7.7 | 8.0 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.0 | 6.3 | 7.0 | 8.0 | 7.0 | 7.0 | 6.9 |
| DEGAS (LTP-TF-111) | 7.7 | 8.7 | 6.3 | 6.7 | 7.3 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 7.3 | 6.7 | 7.0 | 7.3 | 6.7 | 6.9 |
| DLFPS-321/3696 | 7.7 | 8.7 | 6.0 | 6.0 | 7.0 | 7.0 | 6.7 | 7.7 | 7.7 | 7.3 | 6.0 | 6.3 | 7.0 | 7.3 | 6.3 | 6.3 | 6.9 |
| DLFPS-321/3699 | 7.3 | 8.0 | 6.3 | 5.3 | 7.0 | 7.0 | 6.7 | 8.0 | 7.0 | 7.3 | 6.7 | 6.0 | 6.3 | 7.0 | 7.3 | 6.7 | 6.9 |
| DLFPS-321/3703 | 7.7 | 9.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| ESTRENA | 8.7 | 8.3 | 6.3 | 6.0 | 7.0 | 7.0 | 7.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.9 |
| FAIRFIELD (SETF104) | 7.3 | 7.7 | 5.7 | 5.0 | 7.3 | 7.0 | 6.7 | 7.0 | 7.7 | 7.0 | 6.0 | 5.3 | 6.7 | 7.0 | 7.3 | 7.3 | 6.9 |
| GLX ACED (PST-5DART) | 7.7 | 9.0 | 6.3 | 5.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.3 | 6.0 | 7.7 | 6.7 | 7.0 | 7.0 | 6.9 |
| HEMI | 8.3 | 8.7 | 5.7 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.0 | 6.0 | 7.0 | 8.3 | 7.0 | 7.0 | 6.9 |
| JT 517 | 7.3 | 8.0 | 6.0 | 5.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 7.3 | 6.0 | 5.7 | 7.3 | 7.0 | 7.7 | 7.3 | 6.9 |
| KIZZLE (K18-ROE) | 8.7 | 8.7 | 6.0 | 5.7 | 7.7 | 7.7 | 7.0 | 6.7 | 6.3 | 6.7 | 6.0 | 6.0 | 6.7 | 7.3 | 7.3 | 7.0 | 6.9 |
| LIFEGUARD | 7.0 | 8.7 | 6.0 | 6.0 | 7.7 | 7.0 | 7.0 | 6.7 | 6.0 | 7.3 | 6.3 | 6.0 | 7.0 | 7.7 | 7.0 | 7.0 | 6.9 |
| NAI-ST5 | 7.0 | 8.7 | 6.0 | 5.7 | 7.0 | 7.0 | 6.7 | 7.7 | 7.0 | 7.7 | 6.3 | 6.3 | 6.3 | 7.0 | 6.7 | 6.7 | 6.9 |
| PADRE 2 | 7.7 | 8.0 | 6.3 | 6.3 | 7.0 | 7.0 | 6.3 | 7.3 | 7.0 | 6.7 | 6.3 | 6.3 | 7.3 | 7.7 | 7.3 | 6.7 | 6.9 |
| PPG-TF 231 | 7.0 | 8.7 | 6.0 | 6.0 | 7.0 | 6.3 | 7.0 | 7.3 | 7.3 | 6.7 | 6.0 | 6.3 | 6.7 | 7.0 | 7.7 | 7.0 | 6.9 |
| PST-5BYOB | 7.7 | 8.7 | 6.0 | 5.3 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 6.0 | 6.0 | 7.7 | 7.3 | 7.3 | 7.0 | 6.9 |
| RAD-TF105 | 7.3 | 7.7 | 5.0 | 5.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.7 | 7.0 | 6.0 | 5.0 | 6.7 | 7.0 | 7.7 | 7.0 | 6.9 |
| RH1 | 7.7 | 8.3 | 5.0 | 6.3 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 5.7 | 6.0 | 7.7 | 7.3 | 7.3 | 7.0 | 6.9 |
| 3N1 | 6.7 | 8.0 | 6.0 | 5.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 7.3 | 7.3 | 6.7 | 7.0 | 6.8 |
| ATF2116 | 8.0 | 8.7 | 5.3 | 5.7 | 6.7 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 5.3 | 6.3 | 7.0 | 7.0 | 6.7 | 7.0 | 6.8 |
| BANDIT | 8.3 | 8.3 | 5.7 | 5.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 6.0 | 5.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.8 |
| FIRENZA II (PPG-TF 244) | 8.0 | 8.0 | 5.3 | 5.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 6.3 | 7.0 | 7.3 | 6.7 | 6.8 |
| GALACTIC (SESCR1) | 7.7 | 7.3 | 5.7 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 5.7 | 5.7 | 7.3 | 7.3 | 7.3 | 7.0 | 6.8 |
| GO-AOMK | 7.0 | 8.0 | 5.3 | 5.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.7 | 7.0 | 5.3 | 5.7 | 7.3 | 7.0 | 6.7 | 7.0 | 6.8 |

TABLE 2.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT NEWARK, DE 1/
2021 DATA

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

| NAME | SPRING GREENUP | BROWN PATCH | | | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|-----------------------|-------------------|-------------|------|--------|-----------------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|------|
| | | JUNE | JULY | AUGUST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| PARAMOUNT | 6.3 | 8.7 | 6.0 | 6.7 | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.3 | 6.3 | 7.3 | 6.7 | 6.7 | 6.7 | 6.8 |
| PPG-TF 318 | 7.0 | 8.3 | 5.3 | 5.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 5.7 | 5.7 | 7.3 | 7.7 | 6.3 | 7.0 | 6.8 |
| PRO GOLD | 6.7 | 8.0 | 7.0 | 5.7 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 7.0 | 6.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.8 |
| PST-5GQ | 7.0 | 8.7 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.7 | 7.0 | 6.0 | 7.0 | 6.8 |
| PST-5MCMO | 7.7 | 8.3 | 6.7 | 5.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 5.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.8 |
| TOUGH (NAI-TUE) | 7.7 | 8.3 | 6.0 | 5.3 | 7.0 | 6.7 | 6.7 | 7.0 | 7.3 | 6.7 | 6.3 | 6.0 | 7.0 | 7.0 | 6.3 | 7.0 | 6.8 |
| AST8218LM | 7.0 | 8.3 | 5.7 | 5.0 | 7.0 | 6.3 | 6.0 | 7.0 | 7.3 | 7.0 | 6.7 | 5.3 | 6.7 | 7.0 | 6.7 | 7.0 | 6.7 |
| COPIOUS TF | 7.3 | 8.3 | 4.7 | 5.0 | 6.7 | 6.3 | 6.3 | 7.0 | 7.3 | 7.0 | 5.3 | 6.0 | 7.3 | 7.3 | 7.0 | 6.3 | 6.7 |
| GRANDE 3 | 8.0 | 8.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.3 | 5.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 |
| GRO-PRO (SE53D2) | 6.7 | 9.0 | 6.7 | 6.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.3 | 6.3 | 6.3 | 7.0 | 7.3 | 6.3 | 7.0 | 6.7 |
| LBF | 7.7 | 8.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 7.0 | 7.3 | 7.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 |
| MOONDANCE GLX | 7.0 | 8.7 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 7.3 | 6.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 |
| PST-5THM | 8.0 | 8.7 | 6.0 | 5.7 | 7.0 | 6.7 | 6.7 | 6.7 | 6.0 | 7.0 | 7.0 | 5.7 | 7.0 | 7.3 | 7.0 | 6.3 | 6.7 |
| PST-5TRN | 6.7 | 9.0 | 6.3 | 7.0 | 7.0 | 6.3 | 6.0 | 7.0 | 7.0 | 6.3 | 7.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 |
| RAD-TF115 (TURBO SS) | 7.3 | 8.3 | 5.7 | 4.3 | 7.0 | 6.7 | 6.7 | 7.7 | 7.7 | 7.7 | 5.3 | 5.0 | 6.0 | 7.0 | 6.7 | 7.0 | 6.7 |
| SETFM2 | 6.0 | 7.3 | 5.7 | 4.0 | 7.0 | 6.7 | 6.0 | 7.0 | 7.7 | 6.7 | 6.0 | 5.0 | 6.3 | 7.3 | 8.0 | 6.3 | 6.7 |
| SETFM3 | 6.7 | 7.7 | 5.3 | 5.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | 5.3 | 5.7 | 6.7 | 7.0 | 7.7 | 7.0 | 6.7 |
| AST8118LM | 7.3 | 8.7 | 5.7 | 5.0 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 5.3 | 6.3 | 7.0 | 6.7 | 6.7 | 6.6 |
| BAR-FA8230 | 7.0 | 8.0 | 6.0 | 5.3 | 7.0 | 6.7 | 6.7 | 7.0 | 6.3 | 6.0 | 6.0 | 5.7 | 7.0 | 7.7 | 7.0 | 6.7 | 6.6 |
| FAYETTE | 7.7 | 8.0 | 5.3 | 6.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.0 | 6.0 | 6.3 | 6.7 | 6.3 | 7.0 | 6.6 |
| PST-5DC24 | 7.3 | 8.7 | 5.7 | 5.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.3 | 6.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.7 | 6.6 |
| PST-5GLBS | 7.0 | 8.7 | 6.0 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 6.0 | 6.0 | 6.0 | 7.7 | 7.3 | 6.3 | 6.7 | 6.6 |
| RAD-TF131 | 6.3 | 7.7 | 5.0 | 4.3 | 6.7 | 6.7 | 6.3 | 7.0 | 8.0 | 7.7 | 5.3 | 5.3 | 6.0 | 7.0 | 7.0 | 6.7 | 6.6 |
| BGR-TF3 | 7.0 | 7.3 | 4.3 | 6.0 | 6.7 | 6.7 | 6.0 | 6.7 | 7.0 | 6.3 | 5.0 | 6.0 | 7.3 | 6.7 | 6.7 | 7.0 | 6.5 |
| BRAVO 2 | 8.0 | 8.3 | 5.0 | 4.7 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 | 5.7 | 5.7 | 5.7 | 7.3 | 7.0 | 7.0 | 6.7 | 6.5 |
| GRAND PRIX (FC15-01P) | 8.0 | 7.7 | 4.7 | 4.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 5.7 | 4.7 | 6.7 | 6.7 | 7.3 | 7.0 | 6.5 |
| BULLSEYE | 7.3 | 7.7 | 5.7 | 5.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.3 | 5.7 | 5.7 | 6.3 | 6.7 | 7.0 | 6.3 | 6.4 |
| NAI-FQZ-17 | 7.7 | 8.0 | 5.3 | 4.3 | 7.3 | 6.7 | 6.3 | 7.0 | 6.3 | 6.3 | 5.7 | 5.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.4 |
| NATURALLY GREEN | 8.3 | 8.0 | 5.3 | 5.7 | 6.7 | 6.0 | 6.7 | 7.0 | 6.7 | 7.3 | 5.7 | 5.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.4 |
| PST-5DZM | 6.7 | 8.0 | 6.0 | 4.7 | 7.0 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.0 | 5.3 | 6.0 | 6.3 | 6.3 | 6.7 | 6.4 |
| PST-5MINK | 7.0 | 8.3 | 5.0 | 5.0 | 6.7 | 7.0 | 6.3 | 7.0 | 7.0 | 6.3 | 5.0 | 5.3 | 6.7 | 7.0 | 6.3 | 6.7 | 6.4 |
| TANGO | 7.0 | 8.0 | 5.0 | 4.3 | 6.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 5.7 | 4.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.4 |
| BIRMINGHAM | 7.0 | 8.0 | 5.3 | 5.3 | 6.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.3 | 5.3 | 5.7 | 6.3 | 6.7 | 6.0 | 7.0 | 6.3 |
| MONUMENT (PST-5SQB) | 8.0 | 8.7 | 5.3 | 6.0 | 6.7 | 6.0 | 6.3 | 6.0 | 6.7 | 6.7 | 5.7 | 6.0 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 |
| SE5STAR | 7.3 | 8.0 | 5.7 | 5.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 6.7 | 5.7 | 5.3 | 6.3 | 6.7 | 6.7 | 6.3 | 6.3 |
| A-TF31 | 7.0 | 6.7 | 4.7 | 4.0 | 6.7 | 6.0 | 6.0 | 7.3 | 7.3 | 5.7 | 5.3 | 4.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.2 |
| BAR 9FE MAS | 8.7 | 7.3 | 5.0 | 4.7 | 7.3 | 7.0 | 7.3 | 6.3 | 6.0 | 6.3 | 6.0 | 5.0 | 5.7 | 6.0 | 5.7 | 6.0 | 6.2 |
| BAR FA 8228 | 8.0 | 7.3 | 5.3 | 5.3 | 6.7 | 6.3 | 6.0 | 6.3 | 6.7 | 5.7 | 5.3 | 5.7 | 6.3 | 6.3 | 6.0 | 6.0 | 6.1 |
| PALOMAR | 8.0 | 7.3 | 5.3 | 4.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.3 | 6.0 | 5.7 | 5.3 | 6.3 | 6.7 | 6.3 | 6.0 | 6.1 |
| ESCALADE | 8.0 | 7.0 | 5.0 | 4.3 | 6.7 | 6.3 | 6.7 | 5.7 | 6.0 | 5.3 | 5.0 | 5.0 | 6.3 | 6.3 | 6.0 | 6.0 | 5.9 |
| OG-WALK | 6.7 | 7.7 | 6.0 | 4.3 | 6.3 | 5.7 | 6.3 | 5.7 | 6.0 | 6.0 | 5.3 | 4.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.8 |
| KENTUCKY-31 | 7.7 | 8.7 | 6.7 | 5.0 | 5.3 | 5.3 | 5.3 | 4.7 | 4.3 | 5.0 | 5.0 | 4.7 | 5.0 | 5.0 | 4.0 | 5.0 | 4.9 |
| LSD VALUE | 2.1 | 2.6 | 1.9 | 1.6 | 1.0 | 0.8 | 1.2 | 0.8 | 0.9 | 1.0 | 1.8 | 1.2 | 2.2 | 1.2 | 1.2 | 0.9 | 0.4 |
| C.V. (%) | 10.5 | 9.6 | 13.4 | 14.6 | 6.9 | 6.7 | 7.8 | 6.6 | 7.6 | 7.8 | 12.2 | 11.1 | 11.9 | 8.9 | 9.3 | 6.9 | 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 3.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT GRIFFIN, GA 1/
2021 DATA

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

| NAME | GENETIC COLOR | COLOR NOVEMBER | COLOR DECEMBER | JAN | FEB | MAR | APR | MAY | QUALITY RATINGS | | | | | MEAN |
|-------------------------------|------------------|-------------------|-------------------|-----|-----|-----|-----|-----|-----------------|-----|-----|-----|-----|------|
| | | | | | | | | | JUN | JUL | AUG | NOV | DEC | |
| BY-TF-169 | 7.7 | 7.7 | 7.0 | 5 | 5 | 6.7 | 7.0 | 7.7 | 7.0 | 7.0 | 6.7 | 8.0 | 7.3 | 6.7 |
| PPG-TF 257 | 7.7 | 7.3 | 6.7 | 5 | 5 | 7.0 | 7.7 | 7.7 | 7.0 | 6.7 | 6.0 | 7.3 | 7.3 | 6.7 |
| RC4 | 7.3 | 7.3 | 6.7 | 5 | 5 | 6.7 | 7.0 | 7.7 | 7.0 | 7.0 | 6.7 | 7.3 | 7.3 | 6.7 |
| STEALTH (PPG-TF 238) | 7.7 | 7.7 | 6.7 | 5 | 5 | 7.0 | 7.3 | 7.7 | 7.0 | 7.0 | 7.0 | 7.7 | 6.7 | 6.7 |
| AH2 | 7.0 | 7.0 | 7.0 | 5 | 5 | 6.3 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | 7.7 | 7.0 | 6.6 |
| DLFPS-321/3695 | 7.3 | 7.3 | 6.0 | 5 | 5 | 6.3 | 7.7 | 8.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.6 |
| DLFPS-TF/3550 | 7.3 | 7.3 | 7.0 | 5 | 5 | 6.7 | 7.3 | 7.3 | 6.0 | 6.7 | 6.7 | 8.0 | 7.3 | 6.6 |
| FIRENZA II (PPG-TF 244) | 7.0 | 7.0 | 6.7 | 5 | 5 | 6.7 | 7.3 | 7.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.3 | 6.6 |
| GALACTIC (SESCR1) | 7.3 | 7.3 | 6.7 | 5 | 5 | 6.7 | 7.3 | 7.3 | 6.7 | 6.7 | 6.3 | 7.7 | 7.0 | 6.6 |
| PPG-TF 249 | 8.0 | 7.0 | 6.0 | 5 | 5 | 7.0 | 7.3 | 7.7 | 7.3 | 6.3 | 6.7 | 7.3 | 6.3 | 6.6 |
| RH3 | 7.0 | 6.7 | 6.3 | 5 | 5 | 6.7 | 7.3 | 7.7 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.6 |
| AH1 | 7.7 | 7.3 | 6.3 | 5 | 5 | 6.3 | 7.0 | 7.3 | 6.3 | 6.3 | 6.3 | 8.0 | 7.0 | 6.5 |
| DLFPS-321/3702 | 7.7 | 7.3 | 6.7 | 5 | 5 | 6.3 | 7.3 | 7.7 | 6.3 | 6.0 | 6.7 | 7.3 | 7.0 | 6.5 |
| DLFPS-321/3705 | 7.3 | 7.3 | 7.0 | 5 | 5 | 7.0 | 7.3 | 7.7 | 6.0 | 6.0 | 6.0 | 7.3 | 7.3 | 6.5 |
| DLFPS-TF/3552 | 7.7 | 7.7 | 6.7 | 5 | 5 | 6.3 | 7.0 | 8.0 | 6.3 | 6.3 | 6.3 | 7.3 | 7.0 | 6.5 |
| DYNAMITE G-LS (PPG-TF 254) | 7.3 | 7.3 | 7.0 | 5 | 5 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | 7.7 | 7.3 | 6.5 |
| GO-RH20 | 7.7 | 7.3 | 6.7 | 5 | 5 | 6.7 | 7.3 | 7.7 | 6.7 | 6.7 | 6.0 | 6.7 | 7.0 | 6.5 |
| K18-RS6 | 7.0 | 7.0 | 6.0 | 5 | 5 | 6.3 | 7.0 | 7.3 | 6.0 | 6.7 | 7.0 | 7.3 | 7.0 | 6.5 |
| NAI-ROS4 | 7.7 | 7.0 | 6.3 | 5 | 5 | 6.0 | 7.0 | 7.3 | 6.7 | 6.3 | 7.0 | 7.3 | 7.3 | 6.5 |
| PPG-TF 337 | 7.3 | 7.7 | 6.3 | 5 | 5 | 6.0 | 7.0 | 7.3 | 6.3 | 7.0 | 7.0 | 7.7 | 7.0 | 6.5 |
| RAPTOR LS (PPG-TF 336) | 7.3 | 7.7 | 6.7 | 5 | 5 | 6.0 | 7.0 | 7.3 | 6.7 | 7.0 | 6.3 | 7.7 | 7.0 | 6.5 |
| RHL2 | 7.3 | 7.3 | 6.7 | 5 | 5 | 6.0 | 6.7 | 7.3 | 6.0 | 7.0 | 7.0 | 7.7 | 7.7 | 6.5 |
| RS1 | 7.3 | 7.0 | 6.7 | 5 | 5 | 6.7 | 7.0 | 7.3 | 6.3 | 6.7 | 6.3 | 7.3 | 7.0 | 6.5 |
| SERENADE (PPG-TF 320) | 8.0 | 7.3 | 6.3 | 5 | 5 | 6.7 | 7.3 | 7.7 | 7.0 | 6.0 | 6.3 | 7.3 | 6.7 | 6.5 |
| SPYDER 2LS (ZRC1) | 7.3 | 7.0 | 6.7 | 5 | 5 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.0 | 7.7 | 7.3 | 6.5 |
| SYMPHONY (PPG-TF 305) | 7.7 | 7.7 | 6.7 | 5 | 5 | 7.0 | 7.0 | 7.7 | 6.3 | 6.7 | 6.0 | 7.7 | 6.7 | 6.5 |
| TD2 | 7.7 | 7.3 | 6.7 | 5 | 5 | 6.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.3 | 7.7 | 7.3 | 6.5 |
| XANADU (JT 268) | 7.7 | 7.3 | 6.7 | 5 | 5 | 6.7 | 6.7 | 7.7 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.5 |
| AVENGER III (PPG-TF 308) | 7.7 | 7.3 | 6.3 | 5 | 5 | 6.3 | 7.0 | 7.7 | 6.3 | 6.0 | 6.3 | 7.3 | 6.7 | 6.4 |
| BULLSEYE LTZ | 8.0 | 7.0 | 6.3 | 5 | 5 | 5.7 | 7.0 | 7.3 | 6.3 | 7.0 | 6.7 | 7.3 | 6.7 | 6.4 |
| DLFPS-321/3694 | 8.0 | 7.7 | 7.0 | 5 | 5 | 6.7 | 6.7 | 7.3 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.4 |
| DLFPS-321/3707 | 7.7 | 7.3 | 7.0 | 5 | 5 | 6.3 | 7.0 | 7.3 | 6.7 | 6.0 | 6.3 | 7.3 | 7.3 | 6.4 |
| DLFPS-321/3708 | 7.7 | 7.3 | 6.3 | 5 | 5 | 6.3 | 7.3 | 7.3 | 6.3 | 6.7 | 6.0 | 7.7 | 6.7 | 6.4 |
| ENTRY 139 | 7.0 | 7.3 | 6.7 | 5 | 5 | 6.3 | 7.0 | 7.7 | 6.3 | 6.3 | 6.0 | 7.0 | 7.0 | 6.4 |
| FIRECRACKER G-LS (PPG-TF 315) | 7.7 | 7.7 | 7.0 | 5 | 5 | 6.3 | 7.3 | 7.0 | 6.3 | 7.0 | 6.3 | 7.0 | 6.7 | 6.4 |
| GRANDE 3 | 7.3 | 7.3 | 7.0 | 5 | 5 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 5.7 | 7.7 | 7.0 | 6.4 |
| NAI-ST5 | 7.7 | 8.0 | 7.7 | 5 | 5 | 6.3 | 7.0 | 7.0 | 6.0 | 6.7 | 6.3 | 7.3 | 7.0 | 6.4 |
| NT-3 | 7.0 | 7.3 | 6.3 | 5 | 5 | 6.3 | 7.0 | 7.3 | 6.0 | 6.7 | 6.3 | 7.7 | 7.0 | 6.4 |
| RHF | 7.0 | 7.0 | 6.7 | 5 | 5 | 6.3 | 7.0 | 7.7 | 6.7 | 6.3 | 6.0 | 7.3 | 7.0 | 6.4 |
| TITANIUM G-LS (PPG-TF 255) | 7.0 | 7.0 | 6.3 | 5 | 5 | 6.0 | 7.0 | 7.3 | 7.0 | 6.7 | 6.3 | 7.3 | 6.7 | 6.4 |
| TRIAD (PPG-TF 323) | 7.7 | 7.3 | 7.0 | 5 | 5 | 6.0 | 7.0 | 7.3 | 6.0 | 6.7 | 6.3 | 7.3 | 7.3 | 6.4 |
| COL-TF-148 | 7.7 | 7.3 | 6.7 | 5 | 5 | 6.0 | 6.7 | 7.3 | 6.0 | 6.7 | 6.3 | 7.3 | 6.7 | 6.3 |
| DEGAS (LTP-TF-111) | 7.0 | 6.3 | 6.3 | 5 | 5 | 6.3 | 6.7 | 7.0 | 6.0 | 6.3 | 6.3 | 7.3 | 7.0 | 6.3 |
| DLFPS-321/3679 | 7.3 | 7.0 | 7.0 | 5 | 5 | 6.7 | 7.0 | 7.0 | 6.3 | 6.0 | 6.0 | 7.0 | 6.7 | 6.3 |
| DLFPS-321/3693 | 7.3 | 7.3 | 6.7 | 5 | 5 | 5.7 | 6.7 | 7.3 | 6.3 | 6.3 | 6.0 | 7.3 | 7.0 | 6.3 |

TABLE 3.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT GRIFFIN, GA 1/
2021 DATA

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

| NAME | GENETIC COLOR | COLOR NOVEMBER | COLOR DECEMBER | JAN | FEB | MAR | APR | MAY | QUALITY RATINGS | | | | | MEAN |
|----------------------|------------------|-------------------|-------------------|-----|-----|-----|-----|-----|-----------------|-----|-----|-----|-----|------|
| | | | | | | | | | JUN | JUL | AUG | NOV | DEC | |
| DLFPS-321/3699 | 7.7 | 7.3 | 6.3 | 5.0 | 5.0 | 6.3 | 6.7 | 7.7 | 6.7 | 6.3 | 6.3 | 7.0 | 6.3 | 6.3 |
| DLFPS-321/3701 | 7.3 | 7.3 | 6.3 | 5.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 6.0 | 7.3 | 6.7 | 6.3 |
| DLFPS-321/3706 | 7.3 | 7.0 | 7.0 | 5.0 | 5.0 | 6.0 | 6.7 | 7.3 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 6.3 |
| K18-NSE | 7.3 | 7.0 | 6.7 | 5.0 | 5.0 | 6.0 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 6.3 |
| KIZZLE (K18-ROE) | 7.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.0 | 6.3 | 6.0 | 7.0 | 7.0 | 6.3 |
| LIFEGUARD | 7.3 | 7.0 | 7.0 | 5.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.0 | 7.0 | 7.0 | 6.3 |
| PPG-TF 231 | 7.3 | 8.0 | 7.0 | 5.0 | 5.0 | 6.3 | 6.3 | 7.0 | 6.3 | 6.7 | 6.3 | 7.0 | 6.7 | 6.3 |
| PPG-TF 262 | 7.3 | 7.3 | 7.0 | 5.0 | 5.0 | 6.0 | 7.0 | 7.3 | 6.7 | 6.7 | 6.3 | 7.0 | 6.3 | 6.3 |
| PPG-TF 312 | 7.3 | 7.0 | 6.7 | 4.7 | 4.7 | 6.3 | 6.7 | 7.0 | 6.0 | 6.7 | 6.3 | 7.3 | 7.0 | 6.3 |
| PPG-TF 316 | 8.0 | 7.0 | 6.7 | 5.0 | 5.0 | 6.3 | 7.0 | 7.3 | 6.3 | 6.3 | 6.3 | 6.7 | 7.0 | 6.3 |
| PST-5E6 | 7.0 | 7.0 | 6.0 | 5.0 | 5.0 | 6.7 | 7.0 | 7.7 | 6.0 | 6.3 | 6.0 | 6.7 | 6.3 | 6.3 |
| PST-5THM | 7.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.7 | 7.3 | 7.3 | 5.3 | 6.0 | 6.3 | 7.3 | 6.3 | 6.3 |
| PST-5TRN | 7.3 | 7.0 | 6.3 | 5.0 | 5.0 | 6.3 | 7.0 | 8.0 | 6.3 | 5.7 | 5.7 | 7.0 | 6.7 | 6.3 |
| TOUGH (NAI-TUE) | 7.7 | 7.3 | 6.7 | 5.0 | 5.0 | 6.3 | 7.0 | 7.3 | 6.7 | 6.3 | 6.0 | 6.7 | 6.3 | 6.3 |
| 3N1 | 7.3 | 7.0 | 6.3 | 5.0 | 5.0 | 6.0 | 7.0 | 7.3 | 6.3 | 6.3 | 5.7 | 6.3 | 6.7 | 6.2 |
| 5LSS | 7.3 | 7.0 | 7.0 | 5.0 | 5.0 | 6.0 | 6.0 | 7.0 | 6.3 | 6.3 | 6.3 | 7.0 | 6.7 | 6.2 |
| BONFIRE (JS DTT) | 7.0 | 7.7 | 6.7 | 5.0 | 5.0 | 6.0 | 7.3 | 7.3 | 5.3 | 6.0 | 6.3 | 7.0 | 6.7 | 6.2 |
| DLFPS-TF/3553 | 8.0 | 7.0 | 6.7 | 5.0 | 5.0 | 6.3 | 7.0 | 7.3 | 5.3 | 6.0 | 6.0 | 7.0 | 6.7 | 6.2 |
| DRAGSTER | 7.0 | 7.7 | 7.3 | 5.0 | 5.0 | 6.0 | 7.0 | 7.3 | 5.0 | 6.3 | 6.0 | 7.3 | 7.3 | 6.2 |
| FIREHAWK SLT | 7.0 | 7.7 | 7.0 | 5.0 | 5.0 | 6.3 | 6.3 | 7.0 | 6.3 | 6.0 | 6.3 | 6.7 | 7.3 | 6.2 |
| HEMI | 7.3 | 7.3 | 6.3 | 5.0 | 5.0 | 6.0 | 6.7 | 6.7 | 6.0 | 6.7 | 6.3 | 7.0 | 7.0 | 6.2 |
| OKEEFE (LTP-TF-122) | 7.3 | 7.0 | 6.7 | 5.0 | 5.0 | 6.3 | 6.7 | 7.3 | 5.3 | 6.7 | 6.0 | 6.7 | 7.3 | 6.2 |
| PPG-TF 267 | 7.7 | 7.7 | 7.3 | 5.0 | 5.0 | 6.3 | 6.3 | 7.0 | 6.3 | 6.0 | 6.0 | 7.0 | 7.0 | 6.2 |
| PPG-TF 306 | 7.7 | 7.0 | 6.3 | 5.0 | 5.0 | 6.0 | 6.7 | 7.0 | 6.0 | 6.3 | 6.7 | 6.7 | 6.3 | 6.2 |
| PPG-TF 318 | 7.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.3 | 6.7 | 7.0 | 5.3 | 6.3 | 6.7 | 7.0 | 6.3 | 6.2 |
| PST-5BYOB | 7.0 | 7.0 | 7.3 | 5.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.3 | 6.0 | 5.7 | 6.7 | 6.7 | 6.2 |
| PST-5DZM | 7.3 | 7.3 | 7.0 | 5.0 | 5.0 | 6.0 | 6.3 | 7.0 | 6.7 | 6.3 | 6.0 | 7.0 | 6.7 | 6.2 |
| PST-5GLBS | 7.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.3 | 6.7 | 7.0 | 6.0 | 6.0 | 6.3 | 7.0 | 6.3 | 6.2 |
| RAPTOR III | 7.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.0 | 6.7 | 7.0 | 6.3 | 6.7 | 6.0 | 7.0 | 6.3 | 6.2 |
| RH1 | 7.0 | 7.0 | 6.7 | 5.0 | 5.0 | 6.0 | 6.7 | 7.0 | 6.3 | 6.0 | 6.0 | 7.0 | 7.0 | 6.2 |
| TANK (PPG-TF 338) | 7.3 | 7.3 | 6.7 | 5.0 | 5.0 | 6.0 | 7.0 | 7.0 | 6.0 | 6.7 | 6.0 | 6.7 | 6.3 | 6.2 |
| TEACHER (PPG-TF 313) | 7.3 | 7.0 | 6.7 | 5.0 | 5.0 | 6.3 | 6.7 | 7.0 | 6.0 | 6.3 | 6.0 | 6.7 | 7.0 | 6.2 |
| TITAN GLX (TF445) | 7.7 | 7.7 | 6.7 | 5.0 | 5.0 | 6.3 | 7.0 | 7.3 | 5.3 | 6.3 | 6.0 | 7.0 | 7.0 | 6.2 |
| TITAN MAX (TF456) | 7.0 | 7.0 | 6.0 | 5.0 | 5.0 | 6.3 | 7.0 | 7.0 | 5.7 | 6.3 | 6.0 | 7.3 | 6.7 | 6.2 |
| TMT1 | 7.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.0 | 6.7 | 6.3 | 6.2 |
| ZION (BAR TF 134) | 7.0 | 7.3 | 6.3 | 5.0 | 5.0 | 6.3 | 7.0 | 7.3 | 6.3 | 6.0 | 5.7 | 7.0 | 6.7 | 6.2 |
| 3B2 | 7.3 | 6.7 | 6.7 | 5.0 | 5.0 | 6.3 | 6.7 | 6.7 | 6.3 | 5.7 | 6.3 | 6.7 | 6.7 | 6.1 |
| ATF1768 | 7.7 | 7.0 | 6.0 | 5.0 | 5.0 | 6.3 | 6.7 | 7.0 | 6.0 | 6.3 | 6.0 | 6.7 | 6.3 | 6.1 |
| BRAVO 2 | 7.3 | 8.0 | 7.0 | 5.0 | 5.0 | 5.7 | 7.0 | 7.0 | 5.7 | 6.0 | 6.0 | 7.0 | 6.3 | 6.1 |
| DLFPS-321/3703 | 7.7 | 7.3 | 6.3 | 5.0 | 5.0 | 6.3 | 6.7 | 7.0 | 5.7 | 5.7 | 6.0 | 6.7 | 6.7 | 6.1 |
| GLX ACED (PST-5DART) | 7.0 | 6.7 | 6.0 | 5.0 | 5.0 | 6.0 | 7.0 | 7.0 | 5.7 | 6.3 | 6.0 | 6.7 | 6.3 | 6.1 |
| GO-AOMK | 8.0 | 7.7 | 7.0 | 5.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.3 | 5.7 | 5.7 | 6.7 | 6.3 | 6.1 |
| GRO-PRO (SE53D2) | 7.0 | 7.3 | 6.7 | 5.0 | 5.0 | 6.3 | 6.7 | 7.0 | 6.3 | 5.3 | 5.7 | 7.3 | 6.3 | 6.1 |
| JT 233 | 7.3 | 7.3 | 6.3 | 5.0 | 5.0 | 6.0 | 6.7 | 7.0 | 6.0 | 6.3 | 6.0 | 6.7 | 6.0 | 6.1 |
| K18-WB1 | 7.7 | 7.3 | 6.7 | 5.0 | 5.0 | 6.0 | 6.7 | 6.7 | 5.7 | 5.7 | 5.7 | 7.3 | 7.0 | 6.1 |

TABLE 3.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT GRIFFIN, GA 1/
2021 DATA

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

| NAME | GENETIC COLOR | COLOR NOVEMBER | COLOR DECEMBER | QUALITY RATINGS | | | | | | | | | | | MEAN |
|------------------------|------------------|-------------------|-------------------|-----------------|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | NOV | DEC | | |
| PADRE 2 | 7.3 | 7.0 | 7.0 | 5.0 | 5.0 | 6.0 | 7.3 | 7.3 | 5.3 | 6.0 | 6.0 | 6.7 | 6.3 | 6.1 | |
| PARAMOUNT | 7.7 | 6.7 | 6.3 | 5.0 | 5.0 | 6.3 | 6.7 | 7.3 | 6.3 | 6.7 | 5.7 | 6.0 | 6.3 | 6.1 | |
| PST-5GQ | 7.0 | 7.0 | 6.3 | 5.0 | 5.0 | 5.7 | 6.0 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 6.0 | 6.1 | |
| PST-5MCMO | 7.0 | 6.7 | 6.3 | 5.0 | 5.0 | 6.0 | 7.0 | 7.0 | 6.3 | 6.7 | 5.3 | 6.3 | 6.3 | 6.1 | |
| RDC | 7.0 | 6.0 | 6.3 | 5.0 | 5.0 | 6.3 | 6.7 | 7.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.1 | |
| ATF2116 | 7.3 | 8.0 | 7.0 | 5.0 | 5.0 | 6.0 | 6.3 | 7.0 | 5.7 | 6.0 | 5.7 | 6.7 | 6.3 | 6.0 | |
| DLFPS-321/3696 | 8.0 | 8.0 | 7.0 | 4.7 | 4.7 | 5.3 | 6.7 | 7.0 | 6.0 | 6.7 | 6.0 | 6.7 | 6.3 | 6.0 | |
| MOONDANCE GLX | 7.0 | 7.0 | 6.7 | 5.0 | 5.0 | 6.3 | 7.0 | 7.0 | 5.7 | 5.7 | 5.7 | 6.3 | 6.0 | 6.0 | |
| PRO GOLD | 7.0 | 7.3 | 7.0 | 5.0 | 5.0 | 6.3 | 6.7 | 7.3 | 6.0 | 6.0 | 5.3 | 6.3 | 6.3 | 6.0 | |
| PST-5DC24 | 7.7 | 6.3 | 5.7 | 4.7 | 4.7 | 6.0 | 6.7 | 7.0 | 6.7 | 7.0 | 5.7 | 6.0 | 5.3 | 6.0 | |
| TALLADEGA II (NAI-3N2) | 7.0 | 7.7 | 7.3 | 5.0 | 5.0 | 5.7 | 6.3 | 6.7 | 6.3 | 6.0 | 6.0 | 6.7 | 6.3 | 6.0 | |
| JT 517 | 8.0 | 8.0 | 6.5 | 5.0 | 5.0 | 6.0 | 6.7 | 7.3 | 6.0 | 5.7 | 5.3 | 6.5 | 6.0 | 5.9 | |
| MONUMENT (PST-5SQB) | 7.0 | 6.0 | 6.3 | 5.0 | 5.0 | 6.0 | 6.3 | 7.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.0 | 5.9 | |
| RAD-TF105 | 7.7 | 8.0 | 7.3 | 5.0 | 4.7 | 5.7 | 6.7 | 7.0 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 5.9 | |
| RAD-TF131 | 8.0 | 7.7 | 7.3 | 5.0 | 4.7 | 5.7 | 6.7 | 6.7 | 5.7 | 5.7 | 5.7 | 6.7 | 6.3 | 5.9 | |
| SETFM3 | 7.7 | 6.3 | 6.3 | 5.0 | 5.0 | 6.0 | 6.7 | 7.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.9 | |
| TANGO | 7.7 | 7.3 | 6.7 | 5.0 | 5.0 | 6.0 | 6.7 | 6.7 | 5.7 | 5.7 | 5.7 | 6.3 | 6.3 | 5.9 | |
| A-TF31 | 7.7 | 7.7 | 6.3 | 5.0 | 5.0 | 5.7 | 6.7 | 6.7 | 5.7 | 5.7 | 5.0 | 6.3 | 6.0 | 5.8 | |
| BANDIT | 7.3 | 7.3 | 6.3 | 5.0 | 5.0 | 6.3 | 7.0 | 7.0 | 5.7 | 5.7 | 5.0 | 5.7 | 5.3 | 5.8 | |
| COPIOUS TF | 8.0 | 7.7 | 7.0 | 5.0 | 5.0 | 5.3 | 6.3 | 6.7 | 5.7 | 5.7 | 5.7 | 6.3 | 6.3 | 5.8 | |
| LBF | 8.0 | 7.7 | 6.7 | 5.0 | 5.0 | 5.7 | 6.7 | 6.7 | 5.7 | 5.7 | 5.7 | 6.3 | 6.0 | 5.8 | |
| NAI-FQZ-17 | 7.7 | 7.3 | 6.7 | 5.0 | 5.0 | 5.3 | 6.3 | 6.7 | 6.0 | 6.0 | 5.7 | 6.3 | 5.7 | 5.8 | |
| SE5STAR | 7.3 | 7.0 | 5.7 | 5.0 | 5.0 | 6.0 | 6.3 | 7.0 | 5.3 | 5.0 | 6.0 | 7.0 | 5.7 | 5.8 | |
| AST8118LM | 8.0 | 7.3 | 6.7 | 5.0 | 5.0 | 6.0 | 6.3 | 7.0 | 5.7 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | |
| BAR FA 8228 | 7.3 | 7.0 | 6.0 | 5.0 | 5.0 | 5.7 | 6.7 | 6.7 | 5.3 | 5.3 | 5.0 | 6.3 | 6.0 | 5.7 | |
| BAR-FA8230 | 7.3 | 6.7 | 6.3 | 5.0 | 5.0 | 5.7 | 6.7 | 6.7 | 5.3 | 5.0 | 5.7 | 6.3 | 5.7 | 5.7 | |
| BIRMINGHAM | 7.3 | 7.7 | 6.7 | 5.0 | 4.7 | 6.3 | 6.7 | 7.0 | 5.7 | 4.7 | 5.0 | 6.0 | 6.0 | 5.7 | |
| FAYETTE | 7.3 | 7.0 | 6.0 | 5.0 | 5.0 | 5.7 | 6.3 | 6.7 | 5.7 | 4.7 | 5.7 | 6.7 | 6.0 | 5.7 | |
| GRAND PRIX (FC15-01P) | 6.3 | 7.7 | 6.7 | 5.0 | 5.0 | 6.0 | 6.7 | 6.7 | 5.3 | 5.3 | 5.0 | 5.7 | 6.0 | 5.7 | |
| NATURALLY GREEN | 7.7 | 7.3 | 6.7 | 5.0 | 5.0 | 6.7 | 6.7 | 6.7 | 5.0 | 5.0 | 5.0 | 6.3 | 6.0 | 5.7 | |
| PST-5MINK | 6.7 | 7.0 | 6.3 | 4.7 | 4.7 | 5.3 | 6.3 | 7.0 | 5.3 | 6.0 | 5.3 | 6.3 | 5.7 | 5.7 | |
| RAD-TF115 (TURBO SS) | 7.7 | 7.0 | 6.3 | 5.0 | 4.7 | 5.7 | 6.0 | 6.3 | 6.3 | 6.0 | 5.3 | 6.0 | 6.0 | 5.7 | |
| BAR 9FE MAS | 7.3 | 7.0 | 6.3 | 5.0 | 5.0 | 6.0 | 6.0 | 6.3 | 5.7 | 5.0 | 5.0 | 6.0 | 6.0 | 5.6 | |
| BULLSEYE | 7.3 | 7.3 | 6.7 | 5.0 | 5.0 | 5.7 | 6.7 | 6.7 | 5.0 | 5.3 | 5.0 | 5.7 | 6.0 | 5.6 | |
| SETFM2 | 8.0 | 8.0 | 6.7 | 5.0 | 5.0 | 5.7 | 6.3 | 6.7 | 4.3 | 5.7 | 5.0 | 6.0 | 6.0 | 5.6 | |
| AST8218LM | 8.0 | 8.0 | 7.7 | 4.3 | 4.3 | 5.3 | 5.7 | 6.3 | 5.7 | 5.7 | 5.0 | 6.3 | 6.0 | 5.5 | |
| ESCALADE | 6.7 | 6.0 | 5.7 | 4.3 | 4.3 | 6.0 | 6.3 | 6.3 | 5.7 | 5.3 | 5.3 | 5.7 | 5.3 | 5.5 | |
| ESTRENA | 7.3 | 5.7 | 6.0 | 4.7 | 4.7 | 5.0 | 6.3 | 6.3 | 5.7 | 6.0 | 5.0 | 5.7 | 5.7 | 5.5 | |
| OG-WALK | 7.3 | 7.0 | 6.7 | 4.7 | 4.7 | 5.7 | 6.3 | 6.3 | 5.0 | 5.3 | 5.3 | 6.0 | 6.0 | 5.5 | |
| PALOMAR | 7.3 | 7.3 | 6.7 | 5.0 | 5.0 | 5.7 | 6.0 | 6.0 | 5.3 | 5.7 | 5.3 | 5.7 | 5.7 | 5.5 | |
| BGR-TF3 | 7.3 | 8.0 | 6.7 | 5.0 | 5.0 | 5.3 | 5.7 | 6.7 | 5.3 | 5.3 | 5.0 | 5.3 | 5.3 | 5.4 | |
| KENTUCKY-31 | 5.7 | 5.0 | 5.7 | 3.3 | 3.3 | 4.3 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 5.3 | 5.3 | 4.6 | |
| LSD VALUE | 1.0 | 1.1 | 2.9 | 0.3 | 0.4 | 1.4 | 1.1 | 1.1 | 2.1 | 1.6 | 1.1 | 0.9 | 1.1 | 0.5 | |
| C.V. (%) | 6.6 | 7.8 | 9.9 | 3.5 | 4.1 | 9.5 | 7.6 | 7.3 | 12.9 | 11.6 | 9.9 | 8.0 | 9.2 | 4.7 | |

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 4.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | MEAN |
|----------------------------|------------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| BANDIT | 7.7 | 8.0 | 9.0 | 8.0 | 7.3 | 6.3 | 7.0 | 7.0 | 7.3 | 6.7 | 7.0 | 7.1 |
| RAD-TF115 (TURBO SS) | 8.0 | 8.3 | 9.0 | 8.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 7.1 |
| AST8118LM | 7.0 | 8.0 | 9.0 | 7.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 |
| BGR-TF3 | 8.0 | 7.7 | 9.0 | 7.7 | 7.0 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3696 | 5.3 | 8.0 | 9.0 | 8.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.3 | 7.0 | 6.3 | 7.0 |
| DLFPS-321/3703 | 6.7 | 7.7 | 9.0 | 8.0 | 7.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 |
| DLFPS-321/3707 | 5.7 | 7.7 | 9.0 | 8.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 |
| GO-AOMK | 7.3 | 8.3 | 9.0 | 7.7 | 7.0 | 6.7 | 6.7 | 6.7 | 7.3 | 7.0 | 7.3 | 7.0 |
| LBF | 7.0 | 7.7 | 9.0 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 |
| NATURALLY GREEN | 7.3 | 8.3 | 9.0 | 7.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 |
| OG-WALK | 6.0 | 8.0 | 9.0 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| PST-5DC24 | 7.0 | 8.3 | 9.0 | 7.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 |
| RAD-TF131 | 7.0 | 8.3 | 9.0 | 7.7 | 6.7 | 7.0 | 7.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 |
| 3N1 | 6.7 | 8.0 | 9.0 | 8.0 | 7.0 | 6.7 | 7.0 | 6.7 | 7.0 | 6.3 | 6.3 | 6.9 |
| AST8218LM | 8.3 | 8.0 | 8.7 | 7.7 | 7.3 | 6.3 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.9 |
| BIRMINGHAM | 7.0 | 7.7 | 9.0 | 7.3 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.9 |
| BRAVO 2 | 6.3 | 7.0 | 9.0 | 7.3 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.9 |
| DLFPS-321/3679 | 5.7 | 8.0 | 9.0 | 8.0 | 7.0 | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.9 |
| DLFPS-321/3699 | 6.7 | 8.0 | 9.0 | 8.0 | 6.7 | 6.7 | 6.3 | 7.0 | 7.0 | 6.3 | 7.0 | 6.9 |
| DLFPS-321/3701 | 5.7 | 7.0 | 8.7 | 7.0 | 7.3 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.9 |
| DLFPS-321/3702 | 6.0 | 7.3 | 9.0 | 8.0 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.9 |
| DLFPS-321/3708 | 6.7 | 7.7 | 9.0 | 7.0 | 7.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 6.9 |
| RAD-TF105 | 6.3 | 8.3 | 9.0 | 7.7 | 7.0 | 6.7 | 7.0 | 6.7 | 7.0 | 6.3 | 7.0 | 6.9 |
| RAPTOR III | 5.0 | 7.0 | 9.0 | 8.0 | 7.0 | 6.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.9 |
| RC4 | 5.3 | 7.0 | 9.0 | 7.7 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.9 |
| SETFM2 | 7.0 | 8.0 | 9.0 | 7.7 | 6.7 | 6.3 | 6.7 | 6.7 | 7.3 | 7.0 | 7.0 | 6.9 |
| SETFM3 | 7.0 | 8.0 | 9.0 | 8.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.9 |
| TITANIUM G-LS (PPG-TF 255) | 6.0 | 8.0 | 9.0 | 8.0 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.9 |
| 3B2 | 5.7 | 7.0 | 8.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.7 | 6.3 | 6.8 |
| A-TF31 | 6.3 | 8.0 | 9.0 | 7.0 | 7.0 | 6.0 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.8 |
| ATF1768 | 6.3 | 7.7 | 9.0 | 7.7 | 7.0 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.8 |
| ATF2116 | 6.0 | 8.0 | 9.0 | 7.3 | 6.7 | 7.0 | 6.3 | 6.3 | 7.0 | 6.7 | 7.0 | 6.8 |
| AVENGER III (PPG-TF 308) | 6.3 | 7.3 | 9.0 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.3 | 6.7 | 6.8 |
| BAR 9FE MAS | 8.0 | 7.0 | 9.0 | 7.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| BAR FA 8228 | 7.0 | 7.7 | 8.7 | 7.3 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| BONFIRE (JS DTT) | 5.3 | 7.7 | 9.0 | 7.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.8 |
| BULLSEYE | 6.0 | 7.7 | 9.0 | 8.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 6.3 | 6.3 | 6.8 |
| BULLSEYE LTZ | 5.0 | 7.3 | 9.0 | 7.3 | 7.0 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.3 | 6.8 |
| DLFPS-321/3694 | 5.3 | 7.0 | 9.0 | 7.3 | 7.0 | 6.3 | 6.7 | 7.0 | 6.7 | 7.0 | 6.3 | 6.8 |
| DLFPS-321/3695 | 6.3 | 7.3 | 9.0 | 7.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.0 | 6.8 |
| ESCALADE | 6.3 | 7.0 | 8.0 | 7.7 | 7.0 | 6.0 | 6.7 | 6.3 | 7.3 | 6.7 | 6.3 | 6.8 |
| FAIRFIELD (SETF104) | 6.7 | 7.3 | 9.0 | 7.7 | 7.3 | 6.7 | 6.7 | 6.3 | 6.7 | 6.0 | 7.0 | 6.8 |
| FAYETTE | 7.0 | 7.3 | 9.0 | 7.0 | 6.7 | 6.0 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | 6.8 |
| FIRENZA II (PPG-TF 244) | 5.3 | 7.0 | 9.0 | 7.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 7.0 | 6.0 | 6.8 |
| GRANDE 3 | 5.7 | 7.3 | 9.0 | 8.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.8 |

TABLE 4.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | MEAN |
|-------------------------------|------------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| GRO-PRO (SE53D2) | 5.7 | 7.3 | 9.0 | 7.7 | 7.0 | 6.3 | 7.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.8 |
| HEMI | 5.3 | 7.3 | 9.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.0 | 6.3 | 6.8 |
| JT 233 | 5.3 | 7.3 | 9.0 | 7.3 | 6.7 | 6.3 | 6.3 | 7.0 | 7.0 | 6.7 | 7.0 | 6.8 |
| JT 517 | 7.0 | 8.0 | 8.7 | 8.0 | 7.0 | 6.3 | 6.7 | 6.3 | 7.0 | 6.3 | 7.0 | 6.8 |
| K18-WB1 | 6.0 | 7.0 | 9.0 | 7.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 7.0 | 6.3 | 6.8 |
| NAI-FQZ-17 | 7.0 | 8.0 | 9.0 | 7.0 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.8 |
| NAI-ST5 | 5.7 | 7.3 | 9.0 | 7.3 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.8 |
| PALOMAR | 6.7 | 8.0 | 9.0 | 7.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 6.8 |
| PPG-TF 231 | 6.7 | 7.7 | 9.0 | 8.0 | 7.0 | 6.7 | 6.0 | 7.0 | 6.7 | 6.0 | 6.7 | 6.8 |
| PPG-TF 267 | 5.7 | 8.0 | 9.0 | 7.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.3 | 6.7 | 6.8 |
| PPG-TF 306 | 5.3 | 7.3 | 9.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.8 |
| PPG-TF 316 | 6.3 | 7.3 | 9.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.8 |
| PPG-TF 318 | 6.0 | 7.7 | 9.0 | 7.3 | 6.7 | 6.7 | 6.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.8 |
| PST-5DZM | 6.0 | 7.7 | 9.0 | 7.7 | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.8 |
| PST-5GQ | 6.7 | 7.3 | 9.0 | 7.7 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 6.3 | 6.7 | 6.8 |
| PST-5MINK | 6.3 | 8.0 | 9.0 | 7.7 | 7.0 | 6.7 | 6.7 | 6.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| RHL2 | 5.0 | 7.0 | 9.0 | 7.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 6.3 | 6.8 |
| TRIAD (PPG-TF 323) | 6.0 | 7.3 | 9.0 | 7.3 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.8 |
| XANADU (JT 268) | 5.3 | 8.0 | 9.0 | 7.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 6.7 | 6.8 |
| DEGAS (LTP-TF-111) | 5.0 | 7.0 | 9.0 | 7.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.0 | 6.7 |
| DLFPS-321/3693 | 5.0 | 7.0 | 9.0 | 7.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| DLFPS-321/3705 | 5.3 | 7.0 | 9.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.3 | 6.7 | 6.3 | 6.0 | 6.7 |
| DLFPS-TF/3553 | 5.3 | 7.3 | 8.7 | 7.7 | 6.7 | 6.0 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 |
| DYNAMITE G-LS (PPG-TF 254) | 5.3 | 7.7 | 9.0 | 7.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 |
| FIREHAWK SLT | 5.3 | 7.3 | 9.0 | 7.3 | 6.7 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.0 | 6.7 |
| GLX ACED (PST-5DART) | 5.3 | 7.0 | 9.0 | 7.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 |
| NT-3 | 5.3 | 7.0 | 9.0 | 7.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.0 | 6.7 |
| PADRE 2 | 6.3 | 7.0 | 9.0 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 |
| PARAMOUNT | 6.3 | 7.3 | 9.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.3 | 6.7 |
| PPG-TF 262 | 6.3 | 8.0 | 9.0 | 7.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 |
| PST-5GLBS | 5.7 | 7.0 | 8.7 | 7.7 | 7.0 | 6.0 | 7.0 | 6.0 | 6.7 | 6.7 | 6.3 | 6.7 |
| PST-5THM | 5.7 | 7.0 | 9.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 6.7 |
| SE5STAR | 6.3 | 7.7 | 9.0 | 7.3 | 6.7 | 6.7 | 6.0 | 6.7 | 7.0 | 6.3 | 6.7 | 6.7 |
| SERENADE (PPG-TF 320) | 5.0 | 7.0 | 9.0 | 7.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.0 | 6.3 | 6.7 |
| TD2 | 5.7 | 7.0 | 9.0 | 7.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.3 | 6.7 |
| TEACHER (PPG-TF 313) | 5.0 | 6.7 | 9.0 | 7.0 | 7.0 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.0 | 6.7 |
| TOUGH (NAI-TUE) | 6.3 | 7.3 | 9.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.3 | 7.0 | 6.3 | 7.0 | 6.7 |
| BY-TF-169 | 4.7 | 6.7 | 9.0 | 7.0 | 6.7 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 |
| COPIOUS TF | 6.0 | 8.0 | 9.0 | 7.3 | 7.0 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.6 |
| DLFPS-TF/3550 | 6.0 | 7.3 | 8.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.6 |
| DLFPS-TF/3552 | 5.3 | 7.7 | 9.0 | 7.3 | 6.7 | 6.3 | 6.0 | 7.0 | 6.3 | 6.7 | 6.3 | 6.6 |
| FIRECRACKER G-LS (PPG-TF 315) | 5.7 | 7.3 | 9.0 | 7.3 | 7.0 | 6.3 | 6.7 | 6.3 | 6.7 | 6.0 | 6.7 | 6.6 |
| GALACTIC (SESCR1) | 6.0 | 7.3 | 9.0 | 7.3 | 7.0 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.6 |
| GO-RH20 | 5.7 | 7.0 | 9.0 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.3 | 6.0 | 6.6 |
| K18-RS6 | 4.7 | 6.3 | 8.3 | 7.0 | 7.0 | 6.3 | 7.0 | 6.7 | 6.3 | 6.3 | 6.0 | 6.6 |

TABLE 4.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | MEAN |
|------------------------|------------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| KIZZLE (K18-ROE) | 6.3 | 7.0 | 8.7 | 7.7 | 7.0 | 6.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.0 | 6.6 |
| LIFEGUARD | 5.3 | 6.7 | 9.0 | 7.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.0 | 6.0 | 6.3 | 6.6 |
| PPG-TF 249 | 6.0 | 7.7 | 9.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.0 | 6.6 |
| PPG-TF 257 | 6.0 | 7.3 | 9.0 | 7.0 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 |
| PST-5BYOB | 4.7 | 7.3 | 9.0 | 7.7 | 6.7 | 6.7 | 6.3 | 6.0 | 7.0 | 6.3 | 6.0 | 6.6 |
| PST-5TRN | 6.0 | 7.3 | 9.0 | 8.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 6.0 | 6.0 | 6.6 |
| RAPTOR LS (PPG-TF 336) | 5.7 | 7.3 | 9.0 | 7.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.6 |
| RH1 | 6.7 | 7.0 | 9.0 | 7.3 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | 6.3 | 6.0 | 6.6 |
| TALLADEGA II (NAI-3N2) | 5.7 | 7.3 | 9.0 | 7.7 | 7.0 | 6.0 | 6.7 | 6.3 | 6.7 | 6.3 | 6.0 | 6.6 |
| TANGO | 6.7 | 7.3 | 9.0 | 7.3 | 6.7 | 6.7 | 6.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.6 |
| TANK (PPG-TF 338) | 5.3 | 7.3 | 9.0 | 7.3 | 6.0 | 5.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.6 |
| TITAN MAX (TF456) | 5.7 | 7.0 | 9.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.6 |
| TMT1 | 5.3 | 7.7 | 9.0 | 7.3 | 7.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 6.3 | 6.6 |
| ZION (BAR TF 134) | 4.7 | 7.0 | 9.0 | 7.3 | 6.0 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 6.0 | 6.6 |
| AH1 | 5.0 | 7.0 | 9.0 | 7.0 | 6.7 | 6.3 | 6.0 | 7.0 | 6.7 | 6.3 | 6.0 | 6.5 |
| BAR-FA8230 | 5.7 | 7.3 | 9.0 | 7.0 | 7.0 | 6.0 | 6.7 | 6.3 | 6.7 | 6.0 | 6.7 | 6.5 |
| COL-TF-148 | 5.7 | 6.7 | 9.0 | 7.0 | 7.0 | 6.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.5 |
| DLFPS-321/3706 | 4.7 | 7.0 | 9.0 | 7.3 | 7.0 | 6.3 | 6.3 | 6.0 | 6.7 | 6.3 | 6.0 | 6.5 |
| DRAGSTER | 4.3 | 7.0 | 9.0 | 7.3 | 6.7 | 6.3 | 6.3 | 6.3 | 7.0 | 6.3 | 6.0 | 6.5 |
| ESTRENA | 5.0 | 7.0 | 9.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.0 | 6.5 |
| GRAND PRIX (FC15-01P) | 6.3 | 7.3 | 9.0 | 7.3 | 6.7 | 6.3 | 6.3 | 6.0 | 6.7 | 6.0 | 6.7 | 6.5 |
| K18-NSE | 5.7 | 7.0 | 9.0 | 7.3 | 7.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.7 | 6.0 | 6.5 |
| MONUMENT (PST-5SQB) | 6.0 | 7.3 | 9.0 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | 6.0 | 6.3 | 6.7 | 6.5 |
| NAI-ROS4 | 5.0 | 7.0 | 8.7 | 7.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.0 | 6.0 | 6.5 |
| OKEEFE (LTP-TF-122) | 5.3 | 7.3 | 8.3 | 7.3 | 7.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.5 |
| PPG-TF 312 | 5.0 | 6.3 | 9.0 | 7.0 | 7.0 | 6.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.0 | 6.5 |
| PPG-TF 337 | 5.3 | 7.3 | 9.0 | 7.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.5 |
| PRO GOLD | 5.0 | 6.7 | 9.0 | 7.0 | 6.3 | 6.3 | 6.7 | 6.3 | 7.0 | 6.3 | 6.3 | 6.5 |
| PST-5E6 | 5.3 | 7.0 | 9.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.7 | 6.0 | 6.0 | 6.5 |
| PST-5MCMO | 4.7 | 7.3 | 9.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.3 | 7.0 | 6.3 | 6.3 | 6.5 |
| RH3 | 4.7 | 6.7 | 9.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.0 | 6.5 |
| RHF | 4.3 | 6.3 | 8.0 | 7.0 | 6.7 | 6.0 | 6.0 | 6.7 | 7.0 | 6.0 | 6.3 | 6.5 |
| RS1 | 5.7 | 6.7 | 9.0 | 6.7 | 7.0 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.0 | 6.5 |
| SPYDER 2LS (ZRC1) | 5.0 | 6.7 | 9.0 | 7.0 | 6.7 | 6.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.0 | 6.5 |
| STEALTH (PPG-TF 238) | 6.3 | 7.0 | 9.0 | 7.3 | 7.0 | 6.3 | 6.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.5 |
| SYMPHONY (PPG-TF 305) | 5.3 | 7.0 | 9.0 | 7.3 | 6.7 | 6.3 | 6.3 | 6.0 | 6.7 | 6.3 | 6.3 | 6.5 |
| TITAN GLX (TF445) | 5.3 | 7.0 | 9.0 | 7.7 | 6.3 | 6.0 | 6.3 | 6.7 | 6.7 | 6.3 | 6.3 | 6.5 |
| 5LSS | 5.0 | 6.3 | 9.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.0 | 6.0 | 6.7 | 6.0 | 6.4 |
| MOONDANCE GLX | 5.7 | 7.0 | 9.0 | 7.0 | 7.0 | 6.3 | 6.0 | 6.0 | 7.0 | 6.0 | 6.0 | 6.4 |
| RDC | 5.7 | 6.7 | 9.0 | 7.3 | 6.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.0 | 6.3 | 6.4 |
| AH2 | 4.7 | 7.0 | 9.0 | 7.0 | 6.3 | 6.0 | 6.7 | 6.0 | 6.3 | 6.0 | 6.0 | 6.3 |
| KENTUCKY-31 | 5.0 | 5.7 | 9.0 | 7.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.2 |
| LSD VALUE | 1.6 | 0.7 | 1.6 | 1.1 | 1.3 | 2.4 | 2.4 | 2.1 | 1.2 | 1.4 | 0.8 | 0.3 |
| C.V. (%) | 14.9 | 6.1 | 3.5 | 6.3 | 5.7 | 7.9 | 7.8 | 7.6 | 6.6 | 7.2 | 6.2 | 2.8 |

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 4.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2021 DATA

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

| NAME | SPRING | SUMMER | FALL | PERCENT GROUND COVER | | | COLOR | COLOR | COLOR |
|----------------------------|---------|---------|---------|----------------------|--------|------|-----------|---------|----------|
| | DENSITY | DENSITY | DENSITY | SPRING | SUMMER | FALL | SEPTEMBER | OCTOBER | NOVEMBER |
| BANDIT | 7.7 | 7.3 | 7.0 | 90.0 | 88.7 | 98.3 | 5.3 | 4.7 | 6.0 |
| RAD-TF115 (TURBO SS) | 7.0 | 7.3 | 6.7 | 84.3 | 88.0 | 98.3 | 5.7 | 5.0 | 6.0 |
| AST8118LM | 6.7 | 7.0 | 7.3 | 89.3 | 89.3 | 96.3 | 6.0 | 5.3 | 7.0 |
| BGR-TF3 | 7.7 | 7.0 | 6.7 | 91.7 | 85.3 | 98.0 | 6.0 | 5.3 | 6.7 |
| DLFPS-321/3696 | 7.3 | 6.3 | 7.0 | 92.3 | 89.0 | 98.3 | 5.3 | 5.0 | 5.7 |
| DLFPS-321/3703 | 7.7 | 7.3 | 7.0 | 93.3 | 91.3 | 99.0 | 4.7 | 5.0 | 6.0 |
| DLFPS-321/3707 | 6.3 | 7.3 | 7.0 | 90.0 | 85.3 | 99.0 | 4.7 | 4.3 | 6.0 |
| GO-AOMK | 7.7 | 6.3 | 7.7 | 84.3 | 88.7 | 98.3 | 5.3 | 5.0 | 7.0 |
| LBF | 6.7 | 7.3 | 6.0 | 89.0 | 82.7 | 98.0 | 5.7 | 5.0 | 6.3 |
| NATURALLY GREEN | 6.3 | 7.0 | 6.7 | 91.3 | 88.0 | 99.0 | 5.0 | 5.3 | 6.0 |
| OG-WALK | 7.3 | 7.3 | 6.7 | 89.3 | 92.0 | 98.3 | 5.0 | 5.0 | 6.0 |
| PST-5DC24 | 7.7 | 7.7 | 7.3 | 87.3 | 90.3 | 98.3 | 5.3 | 5.0 | 7.0 |
| RAD-TF131 | 7.0 | 6.3 | 7.3 | 83.0 | 78.0 | 97.7 | 5.3 | 5.0 | 7.0 |
| 3N1 | 6.3 | 6.3 | 6.7 | 90.7 | 92.0 | 98.7 | 5.0 | 5.0 | 6.0 |
| AST8218LM | 7.7 | 6.7 | 7.0 | 85.3 | 88.3 | 98.3 | 5.7 | 5.0 | 6.7 |
| BIRMINGHAM | 7.3 | 7.0 | 7.0 | 90.7 | 88.0 | 97.0 | 5.7 | 5.0 | 6.3 |
| BRAVO 2 | 7.3 | 8.0 | 6.7 | 95.3 | 83.0 | 98.0 | 5.0 | 4.7 | 6.3 |
| DLFPS-321/3679 | 7.3 | 6.3 | 7.0 | 91.3 | 88.7 | 98.3 | 4.7 | 4.7 | 6.7 |
| DLFPS-321/3699 | 6.7 | 7.0 | 6.3 | 87.0 | 95.0 | 99.0 | 5.0 | 5.0 | 6.3 |
| DLFPS-321/3701 | 7.3 | 6.7 | 7.0 | 94.7 | 92.3 | 98.7 | 5.0 | 5.0 | 6.0 |
| DLFPS-321/3702 | 7.0 | 7.3 | 6.7 | 95.0 | 85.7 | 98.7 | 5.0 | 5.0 | 5.7 |
| DLFPS-321/3708 | 7.3 | 7.3 | 6.0 | 87.0 | 88.7 | 98.7 | 4.7 | 5.0 | 6.7 |
| RAD-TF105 | 7.3 | 7.0 | 6.7 | 89.3 | 90.7 | 98.7 | 5.0 | 4.7 | 6.3 |
| RAPTOR III | 7.3 | 7.3 | 6.0 | 93.7 | 83.0 | 99.0 | 4.3 | 4.3 | 6.0 |
| RC4 | 7.7 | 7.3 | 6.7 | 94.3 | 93.0 | 98.3 | 5.3 | 4.7 | 5.7 |
| SETFM2 | 6.7 | 6.0 | 7.3 | 89.3 | 78.3 | 97.7 | 5.3 | 5.0 | 6.7 |
| SETFM3 | 7.0 | 6.3 | 7.0 | 86.7 | 76.7 | 97.7 | 5.0 | 5.0 | 6.0 |
| TITANIUM G-LS (PPG-TF 255) | 7.3 | 7.7 | 6.3 | 91.3 | 94.3 | 99.0 | 4.7 | 4.7 | 5.7 |
| 3B2 | 7.0 | 7.3 | 5.7 | 93.0 | 83.3 | 99.0 | 4.3 | 4.7 | 5.0 |
| A-TF31 | 7.3 | 6.7 | 7.7 | 87.0 | 87.7 | 98.3 | 5.7 | 5.0 | 6.3 |
| ATF1768 | 6.7 | 6.3 | 6.3 | 88.7 | 94.0 | 99.0 | 5.0 | 5.3 | 5.7 |
| ATF2116 | 7.0 | 6.3 | 7.0 | 89.3 | 92.7 | 98.7 | 5.0 | 5.3 | 6.7 |
| AVENGER III (PPG-TF 308) | 7.3 | 7.0 | 6.7 | 90.3 | 95.3 | 98.7 | 5.0 | 5.0 | 6.0 |
| BAR 9FE MAS | 7.3 | 8.0 | 7.0 | 92.0 | 89.0 | 98.0 | 5.3 | 5.0 | 5.7 |
| BAR FA 8228 | 7.0 | 7.0 | 7.0 | 84.0 | 89.7 | 98.0 | 5.3 | 4.7 | 6.0 |
| BONFIRE (JS DTT) | 7.0 | 7.0 | 6.0 | 88.0 | 93.7 | 99.0 | 4.0 | 4.3 | 5.3 |
| BULLSEYE | 7.0 | 7.3 | 7.0 | 88.7 | 90.0 | 98.3 | 4.3 | 4.3 | 5.0 |
| BULLSEYE LTZ | 8.0 | 7.3 | 6.7 | 91.3 | 92.3 | 98.3 | 4.7 | 4.3 | 5.7 |
| DLFPS-321/3694 | 6.7 | 7.3 | 5.7 | 95.0 | 89.7 | 99.0 | 4.0 | 4.7 | 5.0 |
| DLFPS-321/3695 | 7.0 | 7.0 | 7.3 | 92.7 | 93.3 | 98.0 | 4.7 | 4.7 | 5.0 |
| ESCALADE | 7.3 | 6.7 | 8.0 | 93.7 | 86.0 | 96.3 | 5.7 | 4.3 | 5.7 |
| FAIRFIELD (SETF104) | 8.3 | 6.7 | 6.7 | 90.0 | 89.0 | 98.7 | 4.7 | 4.3 | 6.7 |
| FAYETTE | 6.3 | 7.7 | 6.7 | 91.3 | 91.7 | 98.3 | 5.0 | 5.0 | 5.7 |
| FIRENZA II (PPG-TF 244) | 7.0 | 7.3 | 6.3 | 95.7 | 93.7 | 99.0 | 4.7 | 4.3 | 5.3 |
| GRANDE 3 | 7.3 | 5.7 | 6.0 | 92.0 | 90.3 | 99.0 | 4.7 | 4.3 | 5.3 |

TABLE 4.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2021 DATA

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

| NAME | SPRING | SUMMER | FALL | PERCENT GROUND COVER | | | COLOR | COLOR | COLOR |
|-------------------------------|---------|---------|---------|----------------------|--------|------|-----------|---------|----------|
| | DENSITY | DENSITY | DENSITY | SPRING | SUMMER | FALL | SEPTEMBER | OCTOBER | NOVEMBER |
| GRO-PRO (SE53D2) | 6.3 | 7.0 | 7.3 | 90.7 | 91.3 | 98.3 | 5.0 | 4.7 | 5.0 |
| HEMI | 7.7 | 7.3 | 6.7 | 85.7 | 94.0 | 99.0 | 4.3 | 4.3 | 5.3 |
| JT 233 | 6.0 | 8.3 | 7.3 | 92.7 | 92.0 | 98.0 | 5.3 | 4.7 | 6.3 |
| JT 517 | 7.3 | 6.3 | 7.0 | 90.0 | 89.0 | 98.0 | 5.0 | 4.7 | 6.0 |
| K18-WB1 | 7.7 | 6.7 | 6.7 | 96.0 | 96.0 | 99.0 | 4.0 | 4.7 | 5.0 |
| NAI-FQZ-17 | 7.3 | 7.7 | 7.0 | 88.7 | 81.3 | 98.3 | 5.0 | 5.0 | 6.0 |
| NAI-ST5 | 7.3 | 7.0 | 6.7 | 91.3 | 93.7 | 98.7 | 4.7 | 4.3 | 5.7 |
| PALOMAR | 7.0 | 6.3 | 7.3 | 86.3 | 88.3 | 98.3 | 5.3 | 4.7 | 5.7 |
| PPG-TF 231 | 7.0 | 7.3 | 6.7 | 90.3 | 90.7 | 99.0 | 4.3 | 4.0 | 6.0 |
| PPG-TF 267 | 6.3 | 7.0 | 6.7 | 91.3 | 90.0 | 99.0 | 4.7 | 4.3 | 6.0 |
| PPG-TF 306 | 7.0 | 7.0 | 7.0 | 90.3 | 91.0 | 98.7 | 4.7 | 4.3 | 6.0 |
| PPG-TF 316 | 6.7 | 7.3 | 6.3 | 89.0 | 90.3 | 99.0 | 4.7 | 5.0 | 6.0 |
| PPG-TF 318 | 7.3 | 7.7 | 7.3 | 90.0 | 90.7 | 99.0 | 4.3 | 4.7 | 5.7 |
| PST-5DZM | 6.3 | 6.7 | 7.0 | 86.0 | 92.7 | 99.0 | 4.3 | 4.3 | 5.7 |
| PST-5GQ | 7.3 | 6.3 | 6.7 | 90.3 | 93.0 | 99.0 | 4.0 | 4.3 | 5.7 |
| PST-5MINK | 7.0 | 5.3 | 6.7 | 89.7 | 86.3 | 98.7 | 5.0 | 5.0 | 6.3 |
| RHL2 | 7.0 | 7.3 | 6.7 | 93.7 | 91.0 | 98.7 | 4.7 | 4.7 | 5.3 |
| TRIAD (PPG-TF 323) | 6.3 | 7.3 | 7.3 | 91.0 | 90.0 | 98.0 | 5.0 | 4.7 | 5.7 |
| XANADU (JT 268) | 5.0 | 6.3 | 5.7 | 93.0 | 93.3 | 99.0 | 4.7 | 5.0 | 6.3 |
| DEGAS (LTP-TF-111) | 7.3 | 7.7 | 6.7 | 96.3 | 94.7 | 99.0 | 4.7 | 4.3 | 4.7 |
| DLFPS-321/3693 | 6.3 | 6.3 | 6.7 | 96.0 | 93.7 | 99.0 | 4.3 | 4.7 | 5.7 |
| DLFPS-321/3705 | 6.7 | 6.3 | 6.7 | 97.0 | 88.0 | 99.0 | 4.7 | 4.0 | 5.0 |
| DLFPS-TF/3553 | 6.7 | 6.3 | 7.3 | 93.3 | 93.3 | 98.7 | 5.0 | 4.7 | 5.3 |
| DYNAMITE G-LS (PPG-TF 254) | 7.3 | 6.0 | 6.3 | 87.7 | 92.7 | 98.7 | 4.3 | 5.0 | 6.0 |
| FIREHAWK SLT | 6.7 | 6.3 | 6.0 | 92.7 | 90.7 | 99.0 | 4.0 | 4.3 | 4.7 |
| GLX ACED (PST-5DART) | 7.0 | 7.0 | 6.0 | 92.3 | 90.7 | 99.0 | 4.3 | 4.7 | 5.3 |
| NT-3 | 6.7 | 7.0 | 6.3 | 94.7 | 92.0 | 99.0 | 4.3 | 4.7 | 5.0 |
| PADRE 2 | 8.0 | 6.3 | 7.3 | 95.3 | 91.7 | 99.0 | 4.7 | 4.3 | 6.0 |
| PARAMOUNT | 6.7 | 7.0 | 6.3 | 91.7 | 90.7 | 96.3 | 5.3 | 5.0 | 5.3 |
| PPG-TF 262 | 7.3 | 6.7 | 7.0 | 92.0 | 96.0 | 98.3 | 4.3 | 4.7 | 5.3 |
| PST-5GLBS | 7.7 | 5.7 | 6.3 | 94.0 | 88.3 | 99.0 | 4.7 | 4.7 | 5.3 |
| PST-5THM | 7.7 | 7.3 | 6.7 | 90.7 | 91.3 | 98.7 | 4.3 | 4.7 | 5.7 |
| SE5STAR | 6.7 | 6.7 | 6.7 | 88.3 | 92.3 | 98.7 | 4.3 | 4.3 | 5.7 |
| SERENADE (PPG-TF 320) | 7.0 | 7.0 | 7.0 | 95.7 | 92.7 | 98.7 | 4.7 | 4.0 | 5.7 |
| TD2 | 6.7 | 6.7 | 6.3 | 95.3 | 91.3 | 99.0 | 4.7 | 4.7 | 5.7 |
| TEACHER (PPG-TF 313) | 7.3 | 7.0 | 7.0 | 97.0 | 91.3 | 98.3 | 5.0 | 4.0 | 4.3 |
| TOUGH (NAI-TUE) | 7.0 | 6.0 | 7.0 | 88.3 | 92.7 | 99.0 | 4.7 | 4.7 | 6.3 |
| BY-TF-169 | 6.7 | 6.3 | 7.0 | 95.3 | 95.3 | 98.7 | 4.7 | 4.3 | 5.7 |
| COPIOUS TF | 7.7 | 6.0 | 5.0 | 92.0 | 91.0 | 98.7 | 4.7 | 5.3 | 6.0 |
| DLFPS-TF/3550 | 5.7 | 6.3 | 6.7 | 95.0 | 92.0 | 98.3 | 5.0 | 4.7 | 5.7 |
| DLFPS-TF/3552 | 6.7 | 7.0 | 5.7 | 92.7 | 96.0 | 99.0 | 4.7 | 5.0 | 5.7 |
| FIRECRACKER G-LS (PPG-TF 315) | 7.7 | 6.7 | 6.7 | 90.3 | 89.3 | 98.7 | 4.7 | 4.3 | 5.3 |
| GALACTIC (SESCR1) | 7.3 | 6.3 | 6.7 | 94.3 | 89.7 | 99.0 | 4.3 | 4.3 | 5.0 |
| GO-RH20 | 7.7 | 7.3 | 6.7 | 93.7 | 92.7 | 99.0 | 4.7 | 4.7 | 5.0 |
| K18-RS6 | 7.0 | 6.7 | 6.3 | 96.0 | 94.0 | 99.0 | 4.0 | 4.3 | 4.3 |

TABLE 4.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2021 DATA

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

| NAME | SPRING | SUMMER | FALL | PERCENT GROUND COVER | | | COLOR | COLOR | COLOR |
|------------------------|---------|---------|---------|----------------------|--------|------|-----------|---------|----------|
| | DENSITY | DENSITY | DENSITY | SPRING | SUMMER | FALL | SEPTEMBER | OCTOBER | NOVEMBER |
| KIZZLE (K18-ROE) | 7.7 | 6.7 | 6.7 | 93.0 | 89.7 | 99.0 | 4.3 | 4.3 | 4.7 |
| LIFEGUARD | 6.7 | 7.3 | 6.0 | 94.7 | 93.7 | 99.0 | 4.0 | 4.3 | 4.7 |
| PPG-TF 249 | 6.3 | 6.3 | 7.0 | 90.7 | 90.3 | 98.7 | 4.7 | 5.0 | 5.0 |
| PPG-TF 257 | 7.0 | 7.0 | 7.0 | 91.7 | 91.3 | 99.0 | 5.0 | 4.7 | 5.7 |
| PST-5BYOB | 6.3 | 5.7 | 7.3 | 92.3 | 88.7 | 98.7 | 4.7 | 4.3 | 5.0 |
| PST-5TRN | 7.0 | 6.3 | 6.7 | 90.0 | 89.0 | 98.7 | 4.3 | 4.3 | 5.0 |
| RAPTOR LS (PPG-TF 336) | 6.7 | 6.7 | 6.3 | 91.3 | 95.0 | 99.0 | 4.0 | 4.3 | 5.7 |
| RH1 | 7.7 | 6.7 | 6.7 | 93.7 | 90.7 | 99.0 | 4.3 | 4.7 | 5.0 |
| TALLADEGA II (NAI-3N2) | 7.3 | 6.3 | 6.3 | 92.0 | 92.3 | 99.0 | 4.3 | 4.3 | 5.0 |
| TANGO | 7.0 | 7.0 | 6.3 | 89.3 | 90.7 | 98.3 | 5.0 | 4.7 | 6.0 |
| TANK (PPG-TF 338) | 5.3 | 7.0 | 7.0 | 92.7 | 88.7 | 98.7 | 5.0 | 4.7 | 5.0 |
| TITAN MAX (TF456) | 7.7 | 6.3 | 6.0 | 94.0 | 93.0 | 99.0 | 4.0 | 4.3 | 4.7 |
| TMT1 | 7.0 | 6.3 | 7.0 | 94.0 | 91.7 | 99.0 | 4.7 | 4.3 | 5.7 |
| ZION (BAR TF 134) | 6.3 | 7.0 | 7.0 | 93.7 | 90.3 | 98.3 | 4.7 | 4.7 | 4.7 |
| AH1 | 6.7 | 7.3 | 6.7 | 94.3 | 92.7 | 99.0 | 4.3 | 4.3 | 4.7 |
| BAR-FA8230 | 7.3 | 6.3 | 7.3 | 93.0 | 90.7 | 98.7 | 4.7 | 4.0 | 5.7 |
| COL-TF-148 | 7.7 | 6.7 | 5.3 | 96.0 | 92.7 | 99.0 | 4.3 | 4.3 | 4.7 |
| DLFPS-321/3706 | 7.7 | 6.0 | 6.3 | 93.7 | 93.7 | 99.0 | 4.7 | 4.0 | 4.7 |
| DRAGSTER | 7.0 | 6.7 | 7.3 | 93.3 | 93.3 | 98.3 | 4.3 | 4.0 | 5.0 |
| ESTRENA | 6.7 | 7.0 | 7.0 | 94.0 | 93.3 | 98.3 | 4.7 | 4.3 | 4.7 |
| GRAND PRIX (FC15-01P) | 7.3 | 6.0 | 5.7 | 85.3 | 91.3 | 98.7 | 4.3 | 4.3 | 5.7 |
| K18-NSE | 7.3 | 6.7 | 6.0 | 94.0 | 93.0 | 99.0 | 4.0 | 4.0 | 4.0 |
| MONUMENT (PST-5SQB) | 6.7 | 6.7 | 5.3 | 87.0 | 95.7 | 99.0 | 4.0 | 4.0 | 6.3 |
| NAI-ROS4 | 7.3 | 7.0 | 6.3 | 93.3 | 93.3 | 99.0 | 4.3 | 4.0 | 5.0 |
| OKEEFE (LTP-TF-122) | 8.0 | 5.3 | 6.3 | 93.7 | 95.3 | 99.0 | 4.3 | 4.3 | 5.3 |
| PPG-TF 312 | 8.3 | 7.0 | 6.3 | 97.3 | 94.3 | 99.0 | 3.7 | 4.7 | 4.0 |
| PPG-TF 337 | 6.3 | 6.7 | 6.7 | 92.0 | 92.7 | 99.0 | 4.3 | 4.0 | 5.0 |
| PRO GOLD | 6.7 | 5.7 | 7.0 | 96.0 | 95.3 | 99.0 | 4.3 | 4.7 | 5.0 |
| PST-5E6 | 7.3 | 6.0 | 6.7 | 94.7 | 92.3 | 99.0 | 4.3 | 4.3 | 4.0 |
| PST-5MCMO | 7.7 | 6.0 | 7.3 | 95.3 | 84.7 | 99.0 | 4.3 | 4.3 | 5.0 |
| RH3 | 6.7 | 6.7 | 6.7 | 93.3 | 93.0 | 98.3 | 4.3 | 4.0 | 4.3 |
| RHF | 7.3 | 6.7 | 6.7 | 94.7 | 95.7 | 99.0 | 4.3 | 4.0 | 5.0 |
| RS1 | 7.0 | 5.7 | 6.3 | 94.3 | 95.3 | 99.0 | 4.3 | 4.3 | 5.3 |
| SPYDER 2LS (ZRC1) | 7.0 | 7.3 | 6.7 | 94.0 | 90.0 | 99.0 | 4.0 | 4.0 | 4.7 |
| STEALTH (PPG-TF 238) | 8.0 | 6.0 | 5.7 | 91.7 | 93.7 | 98.7 | 4.7 | 4.0 | 5.3 |
| SYMPHONY (PPG-TF 305) | 6.3 | 6.3 | 6.7 | 92.7 | 91.3 | 99.0 | 4.7 | 4.3 | 5.3 |
| TITAN GLX (TF445) | 6.3 | 6.7 | 6.7 | 92.3 | 95.0 | 99.0 | 4.7 | 4.7 | 5.7 |
| 5LSS | 7.0 | 6.7 | 6.0 | 98.0 | 95.3 | 99.0 | 4.3 | 4.3 | 4.7 |
| MOONDANCE GLX | 6.3 | 5.7 | 7.0 | 91.3 | 91.7 | 99.0 | 4.0 | 4.0 | 5.0 |
| RDC | 7.7 | 7.0 | 5.0 | 92.3 | 95.0 | 98.3 | 3.7 | 4.0 | 4.7 |
| AH2 | 6.7 | 5.7 | 6.3 | 94.3 | 93.3 | 99.0 | 4.0 | 4.3 | 4.7 |
| KENTUCKY-31 | 7.3 | 6.3 | 6.3 | 93.0 | 94.3 | 99.0 | 3.0 | 3.3 | 4.3 |
| LSD VALUE | 4.4 | 6.3 | 2.4 | 9.2 | 11.9 | 2.6 | 1.2 | 1.0 | 1.1 |
| C.V. (%) | 13.5 | 16.2 | 11.9 | 4.5 | 5.5 | 0.8 | 12.9 | 10.3 | 11.5 |

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

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

TABLE 5.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER TRAFFIC STRESS AT AMES, IA 1/
 2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | APR | MAY | JUN | JUL | QUALITY RATINGS | | | | MEAN |
|----------------------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----|-----|-----|-----|-----------------|-----|-----|-----|------|
| | | | | | | | | | | | AUG | SEP | OCT | NOV | |
| AST8118LM | 6.3 | 6.7 | 8.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.1 |
| OG-WALK | 6.0 | 7.0 | 8.7 | 7.3 | 7.3 | 6.0 | 7.3 | 7.0 | 7.0 | 6.7 | 7.3 | 7.3 | 7.0 | 7.0 | 7.1 |
| ATF2116 | 7.0 | 7.3 | 8.0 | 6.7 | 6.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 |
| BGR-TF3 | 6.3 | 7.3 | 8.3 | 7.3 | 6.7 | 7.3 | 7.3 | 7.0 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3703 | 6.0 | 7.0 | 8.7 | 7.3 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| PST-5GLBS | 6.0 | 7.3 | 8.0 | 6.7 | 6.7 | 6.3 | 7.7 | 7.0 | 6.7 | 6.7 | 6.7 | 7.3 | 6.7 | 7.0 | 7.0 |
| RAD-TF115 (TURBO SS) | 6.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.0 | 7.3 | 7.3 | 6.7 | 7.0 | 7.3 | 6.7 | 7.3 | 6.7 | 7.0 |
| 3N1 | 6.7 | 7.3 | 7.7 | 7.7 | 7.7 | 7.0 | 7.3 | 7.0 | 6.3 | 7.0 | 7.3 | 6.7 | 7.0 | 6.3 | 6.9 |
| A-TF31 | 7.0 | 7.3 | 8.0 | 7.7 | 7.7 | 7.3 | 7.0 | 7.3 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 6.9 |
| ATF1768 | 6.0 | 7.7 | 8.0 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.3 | 7.0 | 6.9 |
| BRAVO 2 | 7.0 | 6.3 | 8.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 7.0 | 7.0 | 6.9 |
| DLFPS-321/3696 | 6.3 | 7.7 | 7.7 | 7.3 | 7.3 | 6.7 | 7.3 | 6.7 | 6.7 | 6.7 | 7.3 | 7.0 | 7.0 | 6.3 | 6.9 |
| GLX ACED (PST-5DART) | 6.0 | 7.0 | 8.3 | 6.7 | 6.0 | 6.7 | 7.3 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.9 |
| GRAND PRIX (FC15-01P) | 5.0 | 7.0 | 8.0 | 7.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 7.7 | 6.7 | 7.0 | 6.9 |
| GRO-PRO (SE53D2) | 6.7 | 7.0 | 8.3 | 7.3 | 6.7 | 5.7 | 7.7 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.9 |
| NAI-ST5 | 6.3 | 7.3 | 7.0 | 7.7 | 7.7 | 6.7 | 7.3 | 7.0 | 6.7 | 7.0 | 7.3 | 6.3 | 7.0 | 6.7 | 6.9 |
| PADRE 2 | 5.7 | 6.7 | 7.7 | 7.3 | 8.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 7.3 | 7.0 | 7.0 | 6.3 | 6.9 |
| PARAMOUNT | 6.3 | 7.0 | 7.3 | 7.3 | 7.7 | 6.0 | 7.7 | 7.0 | 6.7 | 6.7 | 7.0 | 6.7 | 7.0 | 6.3 | 6.9 |
| PPG-TF 257 | 6.0 | 6.7 | 8.3 | 8.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.9 |
| SETFM3 | 6.3 | 7.7 | 7.3 | 7.3 | 8.0 | 7.0 | 7.3 | 7.0 | 6.3 | 6.7 | 7.3 | 6.3 | 7.0 | 7.0 | 6.9 |
| TANK (PPG-TF 338) | 6.0 | 7.3 | 8.7 | 6.0 | 6.0 | 6.3 | 7.7 | 6.7 | 6.3 | 6.7 | 6.7 | 7.3 | 7.0 | 6.7 | 6.9 |
| TITANIUM G-LS (PPG-TF 255) | 6.3 | 7.0 | 7.7 | 6.7 | 6.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.3 | 7.0 | 6.7 | 6.9 |
| XANADU (JT 268) | 6.3 | 7.7 | 7.3 | 6.3 | 7.0 | 6.7 | 7.0 | 7.0 | 6.3 | 7.0 | 6.7 | 7.3 | 7.0 | 6.7 | 6.9 |
| AST8218LM | 7.3 | 7.0 | 8.0 | 6.3 | 6.7 | 6.3 | 7.3 | 7.0 | 6.7 | 6.7 | 7.0 | 6.3 | 6.7 | 7.0 | 6.8 |
| BANDIT | 6.7 | 7.3 | 7.0 | 7.0 | 6.3 | 6.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.7 | 7.0 | 6.8 |
| BAR FA 8228 | 6.3 | 7.7 | 8.0 | 7.7 | 6.0 | 6.7 | 7.3 | 7.0 | 6.3 | 6.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.8 |
| BIRMINGHAM | 6.7 | 6.7 | 9.0 | 7.3 | 7.0 | 6.3 | 6.7 | 7.0 | 6.3 | 6.7 | 6.7 | 7.3 | 7.0 | 7.0 | 6.8 |
| BONFIRE (JS DTT) | 6.3 | 6.7 | 7.7 | 6.7 | 7.3 | 6.0 | 7.0 | 6.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.3 | 6.8 |
| BULLSEYE | 5.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 7.3 | 7.0 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.8 |
| DLFPS-321/3679 | 6.0 | 7.0 | 7.7 | 6.7 | 7.0 | 6.3 | 7.0 | 6.7 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.8 |
| DLFPS-321/3694 | 6.7 | 6.3 | 8.7 | 7.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.3 | 6.7 | 7.0 | 6.3 | 6.8 |
| DLFPS-321/3699 | 6.3 | 7.7 | 8.3 | 6.7 | 6.0 | 7.3 | 7.7 | 6.7 | 6.7 | 6.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.8 |
| DLFPS-321/3702 | 5.7 | 7.0 | 8.0 | 7.3 | 6.7 | 6.7 | 7.3 | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.8 |
| DLFPS-321/3706 | 6.0 | 6.7 | 7.7 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.0 | 6.7 | 7.0 | 6.0 | 7.0 | 6.0 | 6.8 |
| DLFPS-321/3708 | 7.0 | 7.7 | 6.7 | 6.7 | 7.3 | 6.7 | 7.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 6.8 |
| DLFPS-TF/3553 | 5.7 | 7.3 | 8.3 | 6.3 | 6.3 | 7.3 | 7.3 | 6.7 | 6.0 | 6.7 | 6.7 | 7.0 | 7.3 | 7.0 | 6.8 |
| FAYETTE | 5.7 | 7.0 | 9.0 | 6.7 | 7.0 | 5.7 | 7.0 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| GO-AOMK | 7.0 | 6.7 | 7.3 | 7.0 | 6.7 | 6.0 | 7.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 6.7 | 6.7 | 6.8 |
| GO-RH20 | 5.0 | 7.0 | 8.7 | 7.7 | 6.0 | 6.0 | 7.3 | 7.0 | 6.3 | 6.3 | 6.7 | 7.3 | 6.7 | 6.3 | 6.8 |
| GRANDE 3 | 6.0 | 6.7 | 8.3 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.8 |
| HEMI | 5.7 | 6.7 | 8.3 | 7.0 | 7.0 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 6.8 |
| JT 233 | 5.3 | 6.7 | 8.0 | 6.7 | 7.3 | 6.7 | 7.3 | 6.3 | 6.3 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 6.8 |
| K18-WB1 | 5.7 | 6.0 | 6.7 | 7.0 | 7.3 | 6.7 | 6.7 | 7.0 | 7.0 | 6.3 | 7.3 | 6.7 | 6.7 | 6.3 | 6.8 |
| LBF | 7.3 | 7.3 | 8.7 | 7.0 | 6.3 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 6.8 |
| NATURALLY GREEN | 7.0 | 7.0 | 8.0 | 7.3 | 7.3 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 6.8 |

TABLE 5.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER TRAFFIC STRESS AT AMES, IA 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | APR | MAY | JUN | JUL | QUALITY RATINGS | | | | MEAN |
|----------------------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----|-----|-----|-----|-----------------|-----|-----|-----|------|
| | | | | | | | | | | | AUG | SEP | OCT | NOV | |
| PALOMAR | 6.3 | 7.0 | 7.0 | 7.7 | 7.0 | 6.0 | 7.3 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| PPG-TF 306 | 6.7 | 7.0 | 7.3 | 6.0 | 7.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.8 |
| PRO GOLD | 5.7 | 6.7 | 8.7 | 7.3 | 6.0 | 6.3 | 7.0 | 7.0 | 6.0 | 6.7 | 6.7 | 7.0 | 6.7 | 7.0 | 6.8 |
| PST-5DC24 | 6.7 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.8 |
| PST-5THM | 6.7 | 6.7 | 8.7 | 7.0 | 7.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 6.7 | 7.0 | 6.7 | 6.8 |
| PST-5TRN | 5.7 | 7.0 | 8.3 | 7.3 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.8 |
| RAD-TF131 | 5.7 | 7.3 | 7.3 | 7.0 | 6.3 | 7.7 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.8 |
| RAPTOR III | 5.0 | 7.0 | 8.0 | 7.3 | 6.7 | 6.3 | 6.3 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.8 |
| SE5STAR | 5.0 | 6.7 | 8.0 | 7.7 | 5.7 | 6.3 | 7.3 | 7.0 | 6.0 | 6.7 | 6.3 | 7.7 | 7.0 | 6.7 | 6.8 |
| SERENADE (PPG-TF 320) | 6.0 | 6.7 | 9.0 | 6.3 | 7.3 | 6.0 | 7.7 | 6.7 | 6.3 | 7.0 | 7.3 | 6.3 | 6.7 | 6.3 | 6.8 |
| SETFM2 | 5.3 | 7.3 | 8.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.8 |
| TALLADEGA II (NAI-3N2) | 6.3 | 7.0 | 8.0 | 7.3 | 8.3 | 6.3 | 7.3 | 7.0 | 6.3 | 6.3 | 7.3 | 6.7 | 6.7 | 6.3 | 6.8 |
| TANGO | 6.3 | 7.0 | 7.7 | 7.3 | 6.3 | 6.3 | 7.3 | 7.0 | 6.7 | 7.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.8 |
| TD2 | 6.7 | 6.3 | 8.0 | 7.0 | 7.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 7.3 | 7.0 | 7.0 | 6.0 | 6.8 |
| TMT1 | 6.3 | 7.0 | 8.0 | 6.7 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 7.0 | 6.8 |
| BAR 9FE MAS | 6.0 | 6.3 | 6.7 | 7.7 | 7.7 | 7.3 | 7.0 | 6.7 | 6.3 | 6.7 | 7.0 | 6.3 | 6.7 | 6.7 | 6.7 |
| BULLSEYE LTZ | 5.0 | 6.3 | 8.3 | 6.7 | 7.0 | 7.0 | 7.3 | 7.0 | 6.7 | 6.3 | 7.0 | 6.3 | 6.7 | 6.3 | 6.7 |
| COPIOUS TF | 6.3 | 6.3 | 8.3 | 7.0 | 6.0 | 6.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.0 | 6.7 |
| DLFPS-321/3701 | 6.3 | 7.3 | 7.7 | 7.0 | 6.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 |
| DLFPS-321/3705 | 5.7 | 6.7 | 8.0 | 7.0 | 7.0 | 5.7 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 |
| DLFPS-321/3707 | 5.3 | 7.0 | 6.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.0 | 6.7 |
| DLFPS-TF/3552 | 6.3 | 7.0 | 8.7 | 6.3 | 6.3 | 6.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.0 | 6.7 |
| FAIRFIELD (SETF104) | 6.3 | 7.0 | 7.7 | 7.7 | 6.3 | 6.0 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 | 6.7 | 6.3 | 6.3 | 6.7 |
| FIREHAWK SLT | 5.7 | 7.0 | 8.3 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 6.7 | 7.0 | 6.0 | 6.7 |
| K18-RS6 | 5.0 | 6.7 | 8.0 | 7.0 | 7.0 | 6.3 | 7.3 | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.0 | 6.7 |
| NAI-FQZ-17 | 6.3 | 6.7 | 7.3 | 6.7 | 7.7 | 7.0 | 7.0 | 6.7 | 6.0 | 6.7 | 7.0 | 6.3 | 7.0 | 6.7 | 6.7 |
| NT-3 | 6.3 | 7.3 | 9.0 | 7.0 | 5.7 | 6.3 | 7.3 | 7.0 | 6.7 | 6.3 | 6.3 | 7.0 | 6.7 | 6.3 | 6.7 |
| PPG-TF 249 | 4.7 | 7.0 | 8.0 | 7.0 | 5.7 | 6.3 | 7.3 | 7.0 | 6.3 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7 |
| PPG-TF 262 | 5.7 | 6.7 | 7.7 | 7.3 | 6.3 | 6.0 | 7.3 | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.3 | 6.7 |
| PPG-TF 318 | 5.7 | 7.0 | 7.7 | 7.0 | 6.7 | 6.3 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.3 | 6.7 |
| PST-5DZM | 6.3 | 6.0 | 7.3 | 8.0 | 6.7 | 7.7 | 6.7 | 7.0 | 7.0 | 6.3 | 7.0 | 6.0 | 7.0 | 6.7 | 6.7 |
| PST-5MINK | 6.3 | 7.0 | 7.7 | 7.0 | 6.3 | 6.7 | 7.7 | 7.0 | 6.3 | 6.3 | 6.7 | 6.3 | 7.0 | 6.3 | 6.7 |
| RAD-TF105 | 6.0 | 6.7 | 6.7 | 7.7 | 7.0 | 5.3 | 6.7 | 7.0 | 6.7 | 6.3 | 7.0 | 6.7 | 6.0 | 7.0 | 6.7 |
| RC4 | 5.7 | 6.7 | 7.7 | 7.0 | 6.3 | 7.0 | 7.3 | 6.7 | 6.7 | 6.3 | 6.7 | 6.3 | 7.0 | 6.3 | 6.7 |
| RH1 | 5.7 | 6.7 | 7.7 | 7.0 | 6.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.0 | 6.7 |
| RHL2 | 5.7 | 6.3 | 6.0 | 7.3 | 7.3 | 7.0 | 6.7 | 6.7 | 7.0 | 6.7 | 7.0 | 6.0 | 7.0 | 6.3 | 6.7 |
| TITAN GLX (TF445) | 6.3 | 6.3 | 8.7 | 6.7 | 7.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 5.7 | 6.7 |
| TOUGH (NAI-TUE) | 6.3 | 6.3 | 7.3 | 7.7 | 5.7 | 6.3 | 6.7 | 7.0 | 6.3 | 6.3 | 6.3 | 7.0 | 6.7 | 7.0 | 6.7 |
| TRIAD (PPG-TF 323) | 6.3 | 6.7 | 8.0 | 6.7 | 6.3 | 7.0 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 6.3 | 6.7 |
| 3B2 | 7.0 | 6.0 | 8.3 | 8.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.3 | 7.0 | 6.0 | 6.6 |
| AVENGER III (PPG-TF 308) | 5.7 | 7.0 | 8.7 | 7.0 | 6.7 | 6.0 | 7.0 | 6.7 | 6.3 | 6.0 | 7.0 | 7.0 | 6.7 | 6.0 | 6.6 |
| BAR-FA8230 | 5.0 | 6.7 | 7.0 | 7.0 | 5.7 | 6.0 | 7.0 | 6.7 | 6.7 | 6.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.6 |
| DEGAS (LTP-TF-111) | 6.3 | 6.7 | 8.0 | 7.0 | 7.3 | 6.0 | 7.0 | 7.0 | 6.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.0 | 6.6 |
| DLFPS-321/3695 | 5.7 | 6.3 | 8.7 | 7.7 | 6.7 | 6.3 | 7.0 | 7.0 | 6.3 | 6.0 | 6.7 | 6.7 | 7.0 | 6.0 | 6.6 |
| DYNAMITE G-LS (PPG-TF 254) | 6.0 | 7.0 | 7.3 | 7.0 | 7.3 | 6.0 | 7.7 | 7.0 | 6.7 | 6.0 | 7.0 | 6.3 | 6.3 | 6.0 | 6.6 |

TABLE 5.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER TRAFFIC STRESS AT AMES, IA 1/
2021 DATA

| NAME | TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ | | | | | | | | | | | | | | MEAN |
|-------------------------------|--|-------------------|-----------------|-------------------|-------------------|-----------------|-----|-----|-----|-----|-----|------|-----|-----|------|
| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| GALACTIC (SESCR1) | 5.7 | 7.0 | 6.7 | 7.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.7 | 6.3 | 7.0 | 6.3 | 6.6 |
| JT 517 | 6.3 | 7.3 | 8.0 | 7.7 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 6.7 | 5.7 | 7.0 | 6.7 | 6.6 |
| LIFEGUARD | 6.3 | 6.7 | 8.0 | 7.3 | 6.7 | 6.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.7 | 5.7 | 7.0 | 6.7 | 6.6 |
| MOONDANCE GLX | 5.0 | 7.0 | 8.0 | 7.3 | 7.3 | 6.3 | 7.0 | 7.0 | 6.7 | 6.0 | 7.0 | 6.7 | 6.7 | 6.0 | 6.6 |
| OKEEFE (LTP-TF-122) | 5.3 | 6.3 | 8.7 | 7.3 | 6.0 | 6.3 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.0 | 6.6 |
| PPG-TF 312 | 5.3 | 5.7 | 7.7 | 7.3 | 6.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 7.0 | 6.7 | 7.0 | 6.3 | 6.6 |
| PPG-TF 316 | 6.0 | 6.3 | 8.0 | 7.0 | 6.7 | 7.0 | 6.3 | 7.0 | 6.3 | 6.3 | 6.7 | 6.7 | 7.0 | 6.3 | 6.6 |
| PST-5BYOB | 5.7 | 7.0 | 8.0 | 7.0 | 6.3 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.7 | 7.0 | 6.0 | 6.6 |
| PST-5GQ | 6.3 | 6.7 | 8.3 | 6.3 | 7.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 7.0 | 6.7 | 7.0 | 6.7 | 6.6 |
| PST-5MCMO | 6.0 | 6.7 | 7.7 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 6.0 | 7.0 | 6.3 | 6.6 |
| RAPTOR LS (PPG-TF 336) | 6.3 | 6.7 | 8.3 | 8.0 | 7.0 | 5.7 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 6.0 | 6.7 | 6.3 | 6.6 |
| RHF | 4.7 | 6.0 | 9.0 | 7.7 | 5.7 | 5.7 | 7.3 | 7.0 | 6.0 | 6.3 | 6.3 | 7.3 | 6.7 | 6.0 | 6.6 |
| STEALTH (PPG-TF 238) | 5.3 | 7.0 | 7.3 | 7.3 | 7.0 | 5.3 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.3 | 6.0 | 6.6 |
| TEACHER (PPG-TF 313) | 6.3 | 6.0 | 8.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 7.0 | 6.0 | 6.6 |
| TITAN MAX (TF456) | 5.7 | 6.7 | 9.0 | 6.7 | 6.0 | 6.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.0 | 6.6 |
| AH1 | 5.0 | 7.0 | 8.0 | 8.0 | 6.0 | 6.0 | 7.3 | 7.0 | 6.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.5 |
| AH2 | 5.3 | 6.3 | 7.7 | 7.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.0 | 6.5 |
| BY-TF-169 | 5.0 | 6.3 | 7.3 | 6.3 | 6.0 | 6.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.0 | 6.5 |
| COL-TF-148 | 5.7 | 6.3 | 8.3 | 7.0 | 7.3 | 6.7 | 6.7 | 6.7 | 6.0 | 6.3 | 7.0 | 6.3 | 7.0 | 6.3 | 6.5 |
| DLFPS-321/3693 | 5.7 | 6.0 | 9.0 | 7.0 | 6.0 | 7.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 | 7.0 | 6.3 | 6.5 |
| DLFPS-TF/3550 | 6.3 | 6.7 | 7.7 | 6.7 | 6.7 | 8.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.5 |
| ESCALADE | 6.7 | 6.3 | 9.0 | 6.7 | 5.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 7.0 | 6.3 | 6.5 |
| ESTRENA | 6.0 | 6.3 | 5.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.0 | 6.7 | 6.0 | 6.5 |
| FIRECRACKER G-LS (PPG-TF 315) | 5.0 | 7.0 | 8.3 | 7.3 | 6.7 | 6.0 | 7.3 | 7.0 | 6.0 | 6.0 | 6.7 | 6.3 | 6.7 | 6.0 | 6.5 |
| FIRENZA II (PPG-TF 244) | 6.3 | 6.0 | 7.3 | 6.7 | 6.3 | 6.0 | 6.7 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 | 6.7 | 6.0 | 6.5 |
| KIZZLE (K18-ROE) | 6.3 | 6.3 | 8.3 | 7.3 | 6.7 | 6.0 | 6.7 | 7.0 | 6.3 | 6.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.5 |
| MONUMENT (PST-5SQB) | 6.0 | 5.3 | 6.7 | 7.0 | 7.0 | 6.0 | 6.0 | 6.0 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.3 | 6.5 |
| NAI-ROS4 | 6.3 | 6.3 | 5.3 | 6.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.0 | 6.5 |
| PPG-TF 231 | 5.3 | 6.3 | 7.7 | 7.0 | 7.3 | 6.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.3 | 6.3 | 6.0 | 6.5 |
| PPG-TF 267 | 4.7 | 6.3 | 7.0 | 6.7 | 7.7 | 6.0 | 6.7 | 7.0 | 6.0 | 6.3 | 7.0 | 6.3 | 6.3 | 6.0 | 6.5 |
| PST-5E6 | 5.7 | 6.0 | 7.7 | 7.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.0 | 6.5 |
| RS1 | 5.7 | 6.3 | 8.7 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.3 | 6.3 | 6.3 | 6.5 |
| SYMPHONY (PPG-TF 305) | 5.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 7.0 | 6.3 | 6.3 | 6.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.5 |
| ZION (BAR TF 134) | 5.3 | 5.7 | 7.7 | 6.7 | 7.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 7.0 | 6.7 | 6.7 | 6.0 | 6.5 |
| DRAGSTER | 6.3 | 5.7 | 7.7 | 6.7 | 8.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 7.3 | 6.3 | 6.0 | 6.0 | 6.4 |
| K18-NSE | 6.3 | 6.0 | 6.0 | 7.0 | 6.7 | 7.3 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 5.7 | 6.7 | 5.7 | 6.4 |
| KENTUCKY-31 | 4.3 | 5.7 | 8.0 | 6.0 | 7.0 | 6.7 | 7.0 | 6.3 | 6.0 | 5.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.4 |
| PPG-TF 337 | 5.3 | 6.3 | 6.0 | 7.3 | 6.7 | 5.7 | 7.0 | 6.7 | 6.3 | 6.0 | 6.7 | 6.0 | 6.7 | 6.0 | 6.4 |
| RH3 | 6.3 | 5.3 | 8.0 | 6.3 | 7.0 | 5.7 | 6.3 | 6.0 | 6.7 | 6.7 | 7.0 | 6.0 | 6.3 | 6.0 | 6.4 |
| SPYDER 2LS (ZRC1) | 4.7 | 6.0 | 7.7 | 7.3 | 6.7 | 5.7 | 6.7 | 7.0 | 6.3 | 6.0 | 6.7 | 6.3 | 6.0 | 6.0 | 6.4 |
| 5LSS | 6.3 | 5.7 | 7.3 | 7.0 | 7.3 | 6.0 | 6.3 | 7.0 | 6.7 | 6.3 | 6.7 | 5.7 | 6.3 | 5.7 | 6.3 |
| RDC | 5.3 | 6.0 | 8.0 | 7.3 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 | 6.0 | 7.0 | 5.7 | 6.7 | 6.0 | 6.3 |
| LSD VALUE | 3.6 | 1.5 | 4.2 | 4.4 | 6.3 | 3.0 | 2.5 | 1.2 | 2.1 | 2.5 | 3.0 | 2.8 | 1.4 | 0.8 | 0.6 |
| C.V. (%) | 16.4 | 10.1 | 14.8 | 11.4 | 16.5 | 12.6 | 8.2 | 5.5 | 7.5 | 7.8 | 7.5 | 10.3 | 6.0 | 6.8 | 3.4 |

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 5.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER TRAFFIC STRESS AT AMES, IA 1/
2021 DATA

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

| NAME | COLOR | | | PERCENT GROUND COVER APRIL-JULY & AUGUST-OCTOBER | | | | | |
|----------------------------|-----------|---------|----------|--|------|------|--------|-----------|---------|
| | SEPTEMBER | OCTOBER | NOVEMBER | APRIL | MAY | JULY | AUGUST | SEPTEMBER | OCTOBER |
| AST8118LM | 7.7 | 6.3 | 8.0 | 90.0 | 95.0 | 86.0 | 86.0 | 61.0 | 95.0 |
| OG-WALK | 7.7 | 5.7 | 6.7 | 90.3 | 94.0 | 88.3 | 88.3 | 69.7 | 97.3 |
| ATF2116 | 7.3 | 6.7 | 7.3 | 91.0 | 94.7 | 87.0 | 87.0 | 50.7 | 89.7 |
| BGR-TF3 | 7.3 | 6.7 | 7.3 | 89.7 | 93.7 | 85.3 | 85.3 | 62.7 | 87.3 |
| DLFPS-321/3703 | 7.0 | 6.0 | 6.0 | 91.7 | 93.0 | 87.7 | 87.7 | 68.3 | 96.3 |
| PST-5GLBS | 6.7 | 5.0 | 6.0 | 90.7 | 95.7 | 89.7 | 89.7 | 71.3 | 97.0 |
| RAD-TF115 (TURBO SS) | 7.7 | 6.3 | 7.0 | 81.0 | 91.0 | 77.7 | 77.7 | 52.7 | 92.7 |
| 3N1 | 7.7 | 6.7 | 5.7 | 91.7 | 91.0 | 88.7 | 88.7 | 46.3 | 90.3 |
| A-TF31 | 7.0 | 6.3 | 6.7 | 83.3 | 91.7 | 87.3 | 87.3 | 58.3 | 88.7 |
| ATF1768 | 7.7 | 6.0 | 6.3 | 83.3 | 92.0 | 92.3 | 92.3 | 59.7 | 96.0 |
| BRAVO 2 | 6.3 | 5.7 | 6.7 | 80.7 | 89.0 | 85.3 | 85.3 | 49.0 | 92.0 |
| DLFPS-321/3696 | 7.0 | 5.0 | 5.7 | 85.0 | 93.7 | 90.0 | 90.0 | 69.0 | 97.7 |
| GLX ACED (PST-5DART) | 6.7 | 5.3 | 6.7 | 89.7 | 96.7 | 94.7 | 94.7 | 70.0 | 94.3 |
| GRAND PRIX (FC15-01P) | 7.0 | 5.3 | 6.7 | 88.7 | 93.0 | 87.7 | 87.7 | 64.0 | 96.0 |
| GRO-PRO (SE53D2) | 7.0 | 5.0 | 6.0 | 90.0 | 90.7 | 94.3 | 94.3 | 66.7 | 98.0 |
| NAI-ST5 | 7.3 | 6.0 | 6.0 | 87.3 | 93.3 | 90.7 | 90.7 | 46.7 | 92.3 |
| PADRE 2 | 7.0 | 6.0 | 6.3 | 90.3 | 94.3 | 85.7 | 85.7 | 56.3 | 84.0 |
| PARAMOUNT | 7.3 | 5.3 | 5.3 | 91.7 | 93.3 | 91.3 | 91.3 | 49.3 | 94.7 |
| PPG-TF 257 | 7.0 | 5.0 | 5.7 | 86.3 | 92.0 | 92.7 | 92.7 | 62.3 | 96.0 |
| SETFM3 | 7.3 | 6.3 | 6.7 | 83.7 | 94.3 | 77.0 | 77.0 | 52.0 | 89.3 |
| TANK (PPG-TF 338) | 7.7 | 5.3 | 6.3 | 94.3 | 96.3 | 92.3 | 92.3 | 69.3 | 97.7 |
| TITANIUM G-LS (PPG-TF 255) | 7.7 | 5.3 | 5.7 | 92.0 | 94.0 | 91.0 | 91.0 | 62.0 | 97.0 |
| XANADU (JT 268) | 7.3 | 5.3 | 6.3 | 89.0 | 95.3 | 89.0 | 89.0 | 61.3 | 96.3 |
| AST8218LM | 7.3 | 7.0 | 7.3 | 85.7 | 93.0 | 87.0 | 87.0 | 46.3 | 88.3 |
| BANDIT | 7.3 | 6.3 | 7.0 | 82.0 | 92.3 | 85.0 | 85.0 | 63.3 | 92.3 |
| BAR FA 8228 | 7.3 | 5.3 | 6.0 | 86.0 | 86.7 | 91.0 | 91.0 | 65.0 | 96.7 |
| BIRMINGHAM | 8.0 | 5.7 | 7.3 | 91.7 | 92.7 | 81.0 | 81.0 | 55.0 | 96.7 |
| BONFIRE (JS DTT) | 6.3 | 5.3 | 5.7 | 78.3 | 96.0 | 90.7 | 90.7 | 52.0 | 93.7 |
| BULLSEYE | 7.0 | 5.7 | 6.3 | 93.0 | 94.3 | 89.0 | 89.0 | 63.7 | 94.3 |
| DLFPS-321/3679 | 7.3 | 6.0 | 6.7 | 89.3 | 94.0 | 89.0 | 89.0 | 59.3 | 94.3 |
| DLFPS-321/3694 | 7.0 | 6.0 | 6.0 | 89.3 | 94.3 | 90.0 | 90.0 | 56.3 | 91.7 |
| DLFPS-321/3699 | 7.7 | 6.0 | 6.3 | 91.0 | 96.0 | 94.3 | 94.3 | 55.0 | 95.7 |
| DLFPS-321/3702 | 7.3 | 6.0 | 6.3 | 88.3 | 94.7 | 89.0 | 89.0 | 64.7 | 94.7 |
| DLFPS-321/3706 | 6.3 | 5.7 | 5.3 | 90.7 | 96.3 | 92.3 | 92.3 | 48.0 | 92.3 |
| DLFPS-321/3708 | 7.3 | 6.0 | 6.3 | 88.3 | 93.7 | 80.7 | 80.7 | 48.3 | 94.7 |
| DLFPS-TF/3553 | 7.3 | 6.3 | 7.0 | 88.0 | 94.3 | 89.3 | 89.3 | 52.7 | 92.7 |
| FAYETTE | 6.7 | 5.7 | 5.7 | 90.3 | 95.0 | 87.0 | 87.0 | 61.0 | 96.7 |
| GO-AOMK | 6.3 | 6.0 | 7.0 | 85.7 | 94.0 | 84.0 | 84.0 | 46.3 | 85.7 |
| GO-RH20 | 6.7 | 5.0 | 5.7 | 95.7 | 93.3 | 95.0 | 95.0 | 73.7 | 97.3 |
| GRANDE 3 | 6.7 | 5.7 | 6.0 | 84.7 | 94.0 | 90.3 | 90.3 | 51.3 | 91.7 |
| HEMI | 7.0 | 5.0 | 6.3 | 86.0 | 97.0 | 89.3 | 89.3 | 66.3 | 96.7 |
| JT 233 | 6.7 | 5.0 | 5.7 | 86.7 | 97.3 | 87.7 | 87.7 | 59.0 | 95.0 |
| K18-WB1 | 6.7 | 5.0 | 5.7 | 89.0 | 93.3 | 94.0 | 94.0 | 57.7 | 95.3 |
| LBF | 7.7 | 6.7 | 7.7 | 88.0 | 95.0 | 88.3 | 88.3 | 50.3 | 90.7 |
| NATURALLY GREEN | 7.0 | 6.7 | 7.0 | 86.7 | 90.7 | 83.0 | 83.0 | 46.7 | 90.3 |

TABLE 5.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER TRAFFIC STRESS AT AMES, IA 1/
2021 DATA

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

| NAME | COLOR | | | PERCENT GROUND COVER APRIL-JULY & AUGUST-OCTOBER | | | | | |
|----------------------------|-----------|---------|----------|--|------|------|--------|-----------|---------|
| | SEPTEMBER | OCTOBER | NOVEMBER | APRIL | MAY | JULY | AUGUST | SEPTEMBER | OCTOBER |
| PALOMAR | 7.3 | 6.0 | 6.7 | 90.7 | 95.0 | 90.7 | 90.7 | 59.7 | 90.0 |
| PPG-TF 306 | 7.0 | 5.0 | 6.0 | 89.7 | 96.3 | 90.3 | 90.3 | 62.7 | 96.3 |
| PRO GOLD | 7.0 | 5.3 | 5.7 | 94.3 | 96.3 | 93.0 | 93.0 | 65.7 | 95.0 |
| PST-5DC24 | 7.0 | 6.3 | 7.3 | 79.7 | 92.3 | 88.0 | 88.0 | 55.3 | 91.3 |
| PST-5THM | 7.0 | 5.7 | 5.7 | 90.7 | 94.3 | 90.3 | 90.3 | 57.0 | 92.7 |
| PST-5TRN | 7.0 | 5.3 | 5.7 | 82.0 | 95.7 | 92.0 | 92.0 | 58.3 | 94.3 |
| RAD-TF131 | 7.3 | 6.3 | 6.7 | 81.7 | 91.3 | 83.3 | 83.3 | 58.0 | 90.7 |
| RAPTOR III | 7.0 | 5.3 | 5.3 | 89.7 | 97.0 | 87.7 | 87.7 | 60.0 | 95.3 |
| SE5STAR | 7.3 | 5.0 | 6.3 | 93.3 | 93.0 | 89.7 | 89.7 | 75.3 | 98.3 |
| SERENADE (PPG-TF 320) | 6.3 | 5.0 | 5.7 | 95.0 | 96.0 | 89.0 | 89.0 | 69.7 | 97.7 |
| SETFM2 | 7.3 | 5.7 | 7.0 | 86.7 | 96.0 | 82.7 | 82.7 | 59.0 | 92.0 |
| TALLADEGA II (NAI-3N2) | 6.3 | 5.7 | 5.7 | 92.0 | 94.7 | 93.3 | 93.3 | 61.0 | 95.0 |
| TANGO | 6.7 | 6.0 | 6.3 | 89.7 | 95.7 | 90.0 | 90.0 | 43.0 | 89.3 |
| TD2 | 7.3 | 5.7 | 5.0 | 93.3 | 96.0 | 88.3 | 88.3 | 55.0 | 94.3 |
| TMT1 | 6.7 | 6.3 | 6.7 | 81.3 | 95.7 | 89.7 | 89.7 | 55.7 | 91.3 |
| BAR 9FE MAS | 6.7 | 6.0 | 6.0 | 85.0 | 84.7 | 79.3 | 79.3 | 47.0 | 85.0 |
| BULLSEYE LTZ | 6.3 | 5.3 | 5.7 | 91.0 | 97.0 | 87.0 | 87.0 | 64.0 | 91.7 |
| COPIOUS TF | 7.0 | 5.3 | 5.3 | 82.3 | 90.0 | 91.7 | 91.7 | 59.3 | 93.7 |
| DLFPS-321/3701 | 7.0 | 6.7 | 6.0 | 81.3 | 90.3 | 81.7 | 81.7 | 52.0 | 91.7 |
| DLFPS-321/3705 | 6.7 | 4.7 | 5.3 | 87.7 | 96.0 | 92.0 | 92.0 | 77.0 | 98.0 |
| DLFPS-321/3707 | 7.3 | 5.3 | 5.0 | 87.0 | 94.7 | 93.0 | 93.0 | 54.7 | 90.0 |
| DLFPS-TF/3552 | 7.3 | 6.3 | 6.0 | 89.7 | 95.3 | 92.0 | 92.0 | 53.7 | 86.7 |
| FAIRFIELD (SETF104) | 7.0 | 5.3 | 6.0 | 85.0 | 93.3 | 93.3 | 93.3 | 53.0 | 89.3 |
| FIREHAWK SLT | 6.7 | 5.3 | 5.0 | 93.0 | 91.7 | 92.7 | 92.7 | 58.0 | 93.0 |
| K18-RS6 | 6.3 | 4.7 | 4.3 | 90.7 | 95.3 | 90.3 | 90.3 | 63.7 | 95.3 |
| NAI-FQZ-17 | 7.3 | 6.7 | 6.0 | 88.0 | 93.7 | 72.3 | 72.3 | 47.0 | 81.7 |
| NT-3 | 7.0 | 5.7 | 6.0 | 88.3 | 95.3 | 87.0 | 87.0 | 63.3 | 97.3 |
| PPG-TF 249 | 7.0 | 5.3 | 6.3 | 91.7 | 96.0 | 92.0 | 92.0 | 58.0 | 94.0 |
| PPG-TF 262 | 6.3 | 5.0 | 5.7 | 90.7 | 94.7 | 94.7 | 94.7 | 59.0 | 93.0 |
| PPG-TF 318 | 6.3 | 5.3 | 5.3 | 90.7 | 93.0 | 93.0 | 93.0 | 71.7 | 96.0 |
| PST-5DZM | 6.7 | 5.7 | 6.7 | 81.3 | 93.0 | 92.7 | 92.7 | 52.0 | 89.7 |
| PST-5MINK | 7.3 | 6.0 | 6.3 | 82.0 | 95.3 | 85.0 | 85.0 | 49.3 | 91.7 |
| RAD-TF105 | 6.3 | 5.3 | 7.0 | 86.0 | 95.0 | 81.3 | 81.3 | 62.7 | 92.7 |
| RC4 | 6.7 | 5.7 | 5.3 | 86.0 | 90.3 | 92.7 | 92.7 | 55.0 | 95.3 |
| RH1 | 6.3 | 5.3 | 5.0 | 89.7 | 95.0 | 95.7 | 95.7 | 67.0 | 93.3 |
| RHL2 | 6.3 | 5.0 | 5.3 | 87.7 | 95.0 | 89.0 | 89.0 | 48.7 | 95.0 |
| TITAN GLX (TF445) | 7.3 | 4.7 | 5.0 | 88.7 | 95.3 | 90.7 | 90.7 | 62.0 | 92.0 |
| TOUGH (NAI-TUE) | 7.3 | 5.7 | 6.7 | 88.3 | 95.0 | 92.0 | 92.0 | 54.7 | 92.7 |
| TRIAD (PPG-TF 323) | 6.7 | 5.7 | 6.3 | 80.7 | 94.7 | 80.0 | 80.0 | 50.0 | 92.7 |
| 3B2 | 6.3 | 5.3 | 5.3 | 82.0 | 92.7 | 84.3 | 84.3 | 48.3 | 92.3 |
| AVENGER III (PPG-TF 308) | 7.7 | 5.0 | 5.0 | 92.3 | 95.7 | 93.0 | 93.0 | 60.3 | 97.0 |
| BAR-FA8230 | 6.7 | 5.7 | 5.7 | 96.0 | 95.7 | 92.0 | 92.0 | 68.3 | 93.3 |
| DEGAS (LTP-TF-111) | 6.3 | 5.3 | 4.7 | 90.7 | 95.3 | 95.0 | 95.0 | 56.0 | 96.7 |
| DLFPS-321/3695 | 6.7 | 6.0 | 5.0 | 93.7 | 93.3 | 96.3 | 96.3 | 62.3 | 89.7 |
| DYNAMITE G-LS (PPG-TF 254) | 6.7 | 4.7 | 5.0 | 86.7 | 96.3 | 94.0 | 94.0 | 60.0 | 94.0 |

TABLE 5.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER TRAFFIC STRESS AT AMES, IA 1/
2021 DATA

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

| NAME | COLOR | | | | PERCENT GROUND COVER APRIL-JULY & AUGUST-OCTOBER | | | | |
|-------------------------------|-----------|---------|----------|-------|--|------|--------|-----------|---------|
| | SEPTEMBER | OCTOBER | NOVEMBER | APRIL | MAY | JULY | AUGUST | SEPTEMBER | OCTOBER |
| GALACTIC (SESCR1) | 6.7 | 5.7 | 5.7 | 75.0 | 90.3 | 94.3 | 94.3 | 51.0 | 91.7 |
| JT 517 | 7.0 | 7.0 | 6.0 | 79.3 | 92.0 | 94.0 | 94.0 | 42.0 | 83.7 |
| LIFEGUARD | 6.3 | 5.3 | 5.7 | 94.0 | 95.0 | 92.7 | 92.7 | 55.3 | 97.3 |
| MOONDANCE GLX | 6.3 | 5.3 | 5.7 | 88.0 | 93.7 | 93.3 | 93.3 | 56.7 | 90.0 |
| OKEEFE (LTP-TF-122) | 6.7 | 5.7 | 5.3 | 90.7 | 95.3 | 93.3 | 93.3 | 51.0 | 95.7 |
| PPG-TF 312 | 6.7 | 5.3 | 5.3 | 88.0 | 95.0 | 90.0 | 90.0 | 55.0 | 94.0 |
| PPG-TF 316 | 7.7 | 5.7 | 6.0 | 77.7 | 92.0 | 92.0 | 92.0 | 51.0 | 93.3 |
| PST-5BYOB | 7.3 | 5.3 | 5.0 | 84.7 | 95.7 | 95.3 | 95.3 | 50.0 | 95.0 |
| PST-5GQ | 6.7 | 5.7 | 6.3 | 92.0 | 96.3 | 87.0 | 87.0 | 53.3 | 93.7 |
| PST-5MCMO | 5.7 | 6.3 | 6.0 | 85.0 | 91.7 | 91.3 | 91.3 | 43.7 | 90.7 |
| RAPTOR LS (PPG-TF 336) | 6.3 | 4.7 | 5.0 | 87.3 | 94.3 | 93.0 | 93.0 | 55.0 | 95.0 |
| RHF | 6.7 | 5.0 | 4.7 | 93.3 | 98.0 | 92.3 | 92.3 | 72.3 | 97.0 |
| STEALTH (PPG-TF 238) | 7.0 | 5.3 | 5.0 | 80.7 | 94.3 | 95.7 | 95.7 | 51.3 | 91.7 |
| TEACHER (PPG-TF 313) | 6.0 | 5.0 | 4.3 | 85.0 | 95.7 | 89.3 | 89.3 | 56.3 | 94.3 |
| TITAN MAX (TF456) | 6.7 | 5.0 | 5.3 | 91.0 | 95.7 | 91.7 | 91.7 | 64.0 | 95.3 |
| AH1 | 6.7 | 5.0 | 5.0 | 88.7 | 91.7 | 89.3 | 89.3 | 60.7 | 95.7 |
| AH2 | 7.0 | 5.7 | 5.3 | 91.3 | 93.7 | 93.3 | 93.3 | 56.7 | 91.3 |
| BY-TF-169 | 7.0 | 5.3 | 5.3 | 86.7 | 96.3 | 94.7 | 94.7 | 56.0 | 96.3 |
| COL-TF-148 | 6.3 | 5.3 | 5.7 | 86.3 | 96.7 | 90.7 | 90.7 | 48.7 | 92.0 |
| DLFPS-321/3693 | 7.0 | 5.7 | 6.0 | 89.7 | 96.7 | 85.3 | 85.3 | 44.7 | 92.0 |
| DLFPS-TF/3550 | 6.7 | 6.3 | 7.0 | 79.0 | 94.7 | 89.0 | 89.0 | 37.3 | 73.0 |
| ESCALADE | 6.3 | 5.7 | 5.7 | 87.3 | 95.3 | 79.0 | 79.0 | 52.3 | 94.7 |
| ESTRENA | 6.3 | 6.0 | 4.7 | 85.7 | 95.3 | 92.0 | 92.0 | 43.7 | 84.7 |
| FIRECRACKER G-LS (PPG-TF 315) | 6.7 | 5.3 | 5.0 | 93.3 | 97.0 | 95.7 | 95.7 | 61.3 | 92.7 |
| FIRENZA II (PPG-TF 244) | 6.7 | 5.3 | 4.3 | 82.0 | 88.3 | 94.3 | 94.3 | 55.3 | 96.7 |
| KIZZLE (K18-ROE) | 6.7 | 5.3 | 5.3 | 89.0 | 91.0 | 95.7 | 95.7 | 53.0 | 94.7 |
| MONUMENT (PST-5SQB) | 6.7 | 5.3 | 6.0 | 75.0 | 88.7 | 91.0 | 91.0 | 64.0 | 94.7 |
| NAI-ROS4 | 6.7 | 5.3 | 5.3 | 89.0 | 94.7 | 90.7 | 90.7 | 57.7 | 90.3 |
| PPG-TF 231 | 6.0 | 5.3 | 5.3 | 84.3 | 94.7 | 89.0 | 89.0 | 57.0 | 93.0 |
| PPG-TF 267 | 7.0 | 5.3 | 5.3 | 80.0 | 93.3 | 94.0 | 94.0 | 48.3 | 86.7 |
| PST-5E6 | 6.3 | 5.7 | 4.7 | 85.0 | 96.0 | 94.3 | 94.3 | 54.3 | 91.7 |
| RS1 | 7.3 | 6.0 | 5.7 | 93.3 | 96.0 | 91.0 | 91.0 | 51.7 | 84.3 |
| SYMPHONY (PPG-TF 305) | 7.0 | 5.3 | 6.3 | 76.3 | 94.3 | 86.7 | 86.7 | 57.0 | 90.3 |
| ZION (BAR TF 134) | 6.3 | 5.7 | 4.3 | 89.7 | 95.0 | 94.7 | 94.7 | 61.7 | 92.7 |
| DRAGSTER | 6.0 | 5.3 | 4.3 | 77.7 | 91.3 | 93.7 | 93.7 | 50.0 | 88.0 |
| K18-NSE | 6.3 | 5.3 | 5.0 | 80.3 | 88.0 | 93.3 | 93.3 | 40.3 | 85.0 |
| KENTUCKY-31 | 5.7 | 5.7 | 6.3 | 87.0 | 97.0 | 94.7 | 94.7 | 47.3 | 88.7 |
| PPG-TF 337 | 6.3 | 5.7 | 5.0 | 84.0 | 95.3 | 95.0 | 95.0 | 47.3 | 86.7 |
| RH3 | 6.3 | 4.7 | 4.3 | 83.3 | 96.0 | 92.3 | 92.3 | 48.0 | 93.7 |
| SPYDER 2LS (ZRC1) | 6.0 | 4.3 | 4.0 | 90.3 | 95.0 | 94.7 | 94.7 | 63.0 | 96.0 |
| 5LSS | 6.0 | 5.3 | 4.7 | 86.3 | 97.3 | 95.0 | 95.0 | 37.7 | 88.0 |
| RDC | 5.7 | 4.7 | 5.0 | 80.0 | 93.0 | 95.0 | 95.0 | 54.3 | 89.7 |
| LSD VALUE | 2.2 | 1.6 | 1.2 | 49.0 | 9.4 | 15.3 | 15.3 | 60.3 | 33.7 |
| C.V. (%) | 10.7 | 12.7 | 12.7 | 9.9 | 3.6 | 6.9 | 6.9 | 24.0 | 7.5 |

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

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

TABLE 6.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SHADE AT AMES, IA 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | QUALITY RATINGS | | | | | | | | MEAN |
|--------------------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| DLFPS-321/3696 | 8.0 | 7.7 | 6.7 | 6.0 | 6.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.3 | 8.0 | 7.3 | 7.7 | 7.7 | 7.5 |
| BIRMINGHAM | 8.3 | 7.7 | 6.0 | 6.3 | 6.0 | 7.3 | 7.7 | 7.3 | 7.3 | 7.0 | 7.3 | 7.3 | 7.0 | 8.0 | 7.4 |
| COPIOUS TF | 8.7 | 7.7 | 6.0 | 6.3 | 7.0 | 7.0 | 7.3 | 7.3 | 7.7 | 7.7 | 7.7 | 7.0 | 7.0 | 7.7 | 7.4 |
| MOONDANCE GLX | 8.0 | 7.3 | 6.0 | 7.0 | 7.0 | 6.3 | 7.3 | 7.7 | 7.7 | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.4 |
| XANADU (JT 268) | 8.3 | 7.0 | 6.7 | 6.3 | 7.3 | 7.7 | 7.7 | 7.0 | 7.3 | 8.0 | 7.3 | 7.3 | 7.0 | 7.7 | 7.4 |
| BRAVO 2 | 8.0 | 7.7 | 7.0 | 7.0 | 6.7 | 7.3 | 7.0 | 7.7 | 7.3 | 7.3 | 7.0 | 7.3 | 7.0 | 8.0 | 7.3 |
| FAIRFIELD (SETF104) | 7.0 | 8.3 | 7.7 | 6.3 | 8.0 | 7.0 | 6.7 | 7.7 | 7.0 | 7.7 | 7.0 | 7.7 | 7.3 | 7.7 | 7.3 |
| FAYETTE | 8.0 | 7.3 | 7.0 | 6.7 | 6.3 | 7.7 | 7.0 | 7.3 | 7.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.7 | 7.3 |
| PADRE 2 | 8.3 | 7.3 | 7.3 | 6.3 | 6.0 | 7.3 | 7.7 | 7.3 | 7.7 | 7.0 | 7.0 | 7.0 | 7.3 | 7.7 | 7.3 |
| PPG-TF 231 | 8.0 | 7.7 | 6.7 | 6.3 | 6.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7.7 | 7.3 |
| PPG-TF 306 | 8.0 | 7.7 | 7.0 | 6.7 | 6.3 | 7.3 | 7.0 | 7.3 | 8.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 |
| RAD-TF115 (TURBO SS) | 7.7 | 7.7 | 5.7 | 6.3 | 5.7 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.3 | 7.0 | 8.0 | 7.3 |
| STEALTH (PPG-TF 238) | 7.7 | 7.3 | 6.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.7 | 7.7 | 7.7 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 |
| AVENGER III (PPG-TF 308) | 8.3 | 7.3 | 5.3 | 6.7 | 6.3 | 6.7 | 7.0 | 7.7 | 6.7 | 7.7 | 7.0 | 7.3 | 7.0 | 7.3 | 7.2 |
| DEGAS (LTP-TF-111) | 8.3 | 7.0 | 6.3 | 6.3 | 6.3 | 7.3 | 7.3 | 7.0 | 7.3 | 7.3 | 7.3 | 6.7 | 7.0 | 7.3 | 7.2 |
| JT 233 | 7.7 | 7.3 | 5.7 | 7.0 | 6.3 | 8.0 | 7.0 | 8.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 8.0 | 7.2 |
| PST-5DC24 | 8.3 | 7.7 | 4.3 | 6.3 | 5.7 | 7.7 | 6.7 | 7.3 | 7.0 | 7.7 | 7.7 | 6.7 | 7.0 | 7.7 | 7.2 |
| PST-5DZM | 8.0 | 7.0 | 6.3 | 6.0 | 5.7 | 7.0 | 7.3 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.3 | 7.2 |
| PST-5E6 | 8.0 | 7.7 | 6.3 | 6.7 | 6.3 | 6.7 | 7.0 | 7.3 | 7.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.3 | 7.2 |
| PST-5MCMO | 7.7 | 7.3 | 6.0 | 6.3 | 6.3 | 6.7 | 7.3 | 7.3 | 7.3 | 7.3 | 7.0 | 6.7 | 6.7 | 7.7 | 7.2 |
| PST-5TRN | 8.0 | 7.7 | 7.3 | 6.3 | 6.7 | 7.0 | 7.0 | 7.7 | 6.7 | 7.7 | 7.3 | 6.7 | 7.0 | 7.7 | 7.2 |
| RAD-TF105 | 7.7 | 8.0 | 6.7 | 6.7 | 5.7 | 7.3 | 6.7 | 7.3 | 7.7 | 7.0 | 7.0 | 7.0 | 7.3 | 7.7 | 7.2 |
| BANDIT | 8.0 | 7.3 | 6.0 | 6.0 | 6.7 | 8.3 | 7.7 | 6.7 | 6.7 | 7.7 | 7.0 | 7.0 | 6.7 | 7.3 | 7.1 |
| DLFPS-321/3699 | 8.0 | 7.3 | 6.7 | 6.3 | 7.0 | 8.0 | 7.7 | 7.3 | 6.7 | 7.0 | 6.7 | 6.3 | 7.0 | 8.0 | 7.1 |
| GRANDE 3 | 8.0 | 7.3 | 8.0 | 6.0 | 7.0 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 6.7 | 7.0 | 8.0 | 7.1 |
| JT 517 | 8.0 | 7.7 | 7.3 | 6.3 | 5.7 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.1 |
| OKEEFE (LTP-TF-122) | 8.0 | 6.7 | 7.0 | 6.3 | 6.3 | 6.7 | 6.7 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.1 |
| PPG-TF 257 | 8.0 | 7.3 | 6.3 | 6.7 | 6.0 | 6.3 | 6.7 | 7.3 | 6.7 | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.1 |
| PST-5THM | 7.7 | 7.3 | 6.3 | 6.7 | 7.0 | 7.0 | 6.3 | 7.0 | 6.7 | 7.7 | 7.3 | 7.0 | 7.0 | 7.7 | 7.1 |
| RH3 | 8.0 | 7.3 | 7.0 | 6.7 | 6.0 | 8.3 | 7.0 | 7.0 | 6.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.7 | 7.1 |
| SYMPHONY (PPG-TF 305) | 7.7 | 7.7 | 5.7 | 6.0 | 6.0 | 7.7 | 6.7 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.3 | 7.7 | 7.1 |
| COL-TF-148 | 7.7 | 6.7 | 6.7 | 7.0 | 6.3 | 7.0 | 6.7 | 7.7 | 6.3 | 7.0 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3703 | 8.3 | 7.3 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 7.3 | 6.7 | 7.7 | 7.0 | 6.3 | 6.7 | 7.3 | 7.0 |
| DRAGSTER | 8.0 | 7.7 | 7.3 | 5.3 | 5.7 | 7.7 | 6.7 | 6.7 | 7.3 | 7.0 | 7.3 | 6.7 | 7.0 | 7.3 | 7.0 |
| GALACTIC (SESCR1) | 8.0 | 8.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.0 | 7.3 | 6.7 | 7.0 | 7.0 | 6.7 | 7.3 | 7.3 | 7.0 |
| GLX ACED (PST-5DART) | 8.3 | 7.3 | 6.3 | 6.0 | 5.7 | 6.3 | 7.0 | 7.0 | 6.3 | 7.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 |
| MONUMENT (PST-5SQB) | 7.7 | 7.3 | 5.3 | 5.7 | 6.3 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 |
| PRO GOLD | 8.3 | 7.0 | 5.3 | 6.3 | 6.3 | 6.7 | 7.7 | 7.0 | 7.3 | 7.0 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 |
| PST-5BYOB | 8.0 | 7.3 | 6.3 | 5.3 | 6.3 | 7.7 | 7.0 | 7.0 | 6.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 |
| PST-5GQ | 7.7 | 7.0 | 7.3 | 6.3 | 6.3 | 6.3 | 6.7 | 7.0 | 7.3 | 7.3 | 6.7 | 7.0 | 7.0 | 7.3 | 7.0 |
| PST-5MINK | 8.3 | 7.3 | 6.7 | 5.3 | 6.7 | 7.3 | 7.7 | 6.7 | 7.3 | 7.3 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 |
| RDC | 7.3 | 7.0 | 6.0 | 6.3 | 6.3 | 8.3 | 6.3 | 6.7 | 7.0 | 7.3 | 7.0 | 6.7 | 7.3 | 7.7 | 7.0 |
| TANGO | 8.0 | 7.7 | 4.3 | 5.7 | 5.7 | 6.3 | 7.0 | 7.0 | 7.7 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 |
| BONFIRE (JS DTT) | 8.0 | 7.7 | 6.3 | 6.0 | 5.7 | 7.7 | 6.0 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | 7.0 | 7.3 | 6.9 |
| DLFPS-321/3701 | 8.3 | 7.0 | 6.3 | 6.3 | 5.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.3 | 6.9 |

TABLE 6.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SHADE AT AMES, IA 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | QUALITY RATINGS | | | | | | | | | MEAN |
|-------------------------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | |
| DLFPS-321/3705 | 7.7 | 7.0 | 6.0 | 6.3 | 5.7 | 7.3 | 6.7 | 7.3 | 6.3 | 7.0 | 6.7 | 6.7 | 7.0 | 7.7 | 6.9 | |
| FIRENZA II (PPG-TF 244) | 8.0 | 7.0 | 6.7 | 6.3 | 5.7 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 7.3 | 6.9 | |
| K18-NSE | 8.0 | 7.0 | 7.0 | 6.0 | 5.3 | 7.7 | 6.7 | 7.0 | 7.0 | 6.7 | 7.3 | 6.7 | 6.7 | 7.3 | 6.9 | |
| LIFEGUARD | 7.0 | 7.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.3 | 7.0 | 7.3 | 7.3 | 7.0 | 6.7 | 6.3 | 7.0 | 6.9 | |
| NAI-ROS4 | 7.7 | 7.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.0 | 7.3 | 7.0 | 7.3 | 7.0 | 6.7 | 7.0 | 7.0 | 6.9 | |
| RH1 | 8.0 | 7.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 7.3 | 7.0 | 6.7 | 7.0 | 7.0 | 6.9 | |
| SETFM3 | 7.3 | 7.0 | 5.3 | 6.7 | 6.3 | 7.3 | 6.0 | 6.7 | 7.3 | 7.3 | 6.7 | 6.3 | 7.0 | 7.7 | 6.9 | |
| SPYDER 2LS (ZRC1) | 8.0 | 7.3 | 5.7 | 6.0 | 6.0 | 7.3 | 6.7 | 7.0 | 6.7 | 7.3 | 7.0 | 6.3 | 7.3 | 7.0 | 6.9 | |
| BY-TF-169 | 8.0 | 7.3 | 5.7 | 6.0 | 6.3 | 7.3 | 6.0 | 7.0 | 6.3 | 7.3 | 7.3 | 6.3 | 6.7 | 7.0 | 6.8 | |
| FIRECRACKER G-LS (PPG-TF 315) | 7.7 | 7.0 | 5.3 | 7.0 | 7.0 | 7.0 | 6.3 | 7.3 | 7.0 | 7.0 | 6.7 | 6.0 | 6.7 | 7.0 | 6.8 | |
| GO-RH20 | 7.7 | 7.3 | 6.7 | 6.3 | 6.0 | 7.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 7.3 | 6.8 | |
| GRAND PRIX (FC15-01P) | 7.7 | 7.3 | 5.7 | 6.3 | 5.7 | 7.7 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.3 | 7.0 | 7.3 | 6.8 | |
| K18-WB1 | 7.3 | 7.3 | 5.7 | 7.3 | 6.0 | 6.7 | 6.7 | 7.0 | 6.3 | 6.7 | 7.3 | 6.3 | 6.7 | 7.0 | 6.8 | |
| LBF | 8.0 | 8.0 | 5.3 | 6.3 | 6.0 | 7.7 | 6.7 | 7.0 | 6.3 | 7.0 | 7.3 | 6.3 | 6.7 | 7.0 | 6.8 | |
| PST-5GLBS | 8.3 | 7.3 | 6.7 | 7.0 | 6.0 | 5.7 | 7.3 | 7.0 | 7.0 | 6.7 | 7.3 | 6.3 | 6.3 | 6.7 | 6.8 | |
| RC4 | 8.0 | 7.3 | 6.3 | 6.3 | 6.3 | 6.0 | 7.0 | 6.7 | 7.3 | 6.7 | 6.7 | 6.3 | 6.3 | 7.0 | 6.8 | |
| TALLADEGA II (NAI-3N2) | 8.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.8 | |
| TOUGH (NAI-TUE) | 7.0 | 7.3 | 5.3 | 7.3 | 7.0 | 6.3 | 5.7 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 6.8 | |
| 3B2 | 7.7 | 7.3 | 5.7 | 6.0 | 6.7 | 7.0 | 6.3 | 6.7 | 6.3 | 7.0 | 6.7 | 6.3 | 7.3 | 7.0 | 6.7 | |
| DLFPS-321/3702 | 7.7 | 7.3 | 5.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 | |
| DLFPS-321/3707 | 7.7 | 7.3 | 5.0 | 5.7 | 6.0 | 7.0 | 6.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 6.3 | 7.0 | 6.7 | |
| HEMI | 7.7 | 7.3 | 6.3 | 6.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | |
| TITAN GLX (TF445) | 7.7 | 7.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 7.3 | 6.7 | 6.3 | 6.7 | 7.0 | 6.7 | |
| TITANIUM G-LS (PPG-TF 255) | 8.0 | 7.3 | 5.7 | 6.0 | 7.3 | 6.7 | 6.3 | 6.3 | 7.3 | 7.3 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | |
| A-TF31 | 7.0 | 7.0 | 5.0 | 5.7 | 7.0 | 6.3 | 6.0 | 6.3 | 6.7 | 7.3 | 6.3 | 6.0 | 7.0 | 6.7 | 6.5 | |
| BULLSEYE LTZ | 7.7 | 7.0 | 6.0 | 6.7 | 5.0 | 7.0 | 6.7 | 7.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.3 | 7.3 | 6.5 | |
| DLFPS-321/3693 | 7.0 | 7.3 | 4.0 | 6.7 | 6.0 | 6.3 | 5.3 | 7.0 | 6.3 | 7.0 | 7.0 | 6.0 | 6.3 | 6.7 | 6.5 | |
| DYNAMITE G-LS (PPG-TF 254) | 8.0 | 7.0 | 6.0 | 5.7 | 6.0 | 5.7 | 6.7 | 6.3 | 6.7 | 7.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.5 | |
| RHF | 6.7 | 7.3 | 6.0 | 7.3 | 5.7 | 7.0 | 6.0 | 7.0 | 6.3 | 6.0 | 6.0 | 6.7 | 7.0 | 6.7 | 6.5 | |
| PPG-TF 316 | 8.0 | 6.0 | 5.0 | 5.7 | 6.3 | 5.0 | 7.0 | 6.0 | 6.3 | 7.0 | 6.7 | 6.0 | 6.0 | 6.3 | 6.4 | |
| RAPTOR III | 7.7 | 7.7 | 5.3 | 6.3 | 5.7 | 7.3 | 5.7 | 6.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.7 | 7.0 | 6.4 | |
| SETFM2 | 6.7 | 6.3 | 6.0 | 6.0 | 5.3 | 6.0 | 6.3 | 6.0 | 7.3 | 6.0 | 6.3 | 6.3 | 6.0 | 6.7 | 6.4 | |
| TD2 | 8.0 | 6.7 | 5.3 | 5.7 | 6.7 | 5.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.3 | 6.0 | 6.3 | 6.7 | 6.4 | |
| TITAN MAX (TF456) | 8.0 | 7.3 | 5.0 | 6.0 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 7.0 | 6.0 | 6.0 | 6.3 | 6.7 | 6.4 | |
| TMT1 | 7.0 | 7.3 | 5.7 | 6.3 | 7.0 | 5.7 | 5.7 | 6.3 | 6.7 | 6.7 | 6.3 | 6.0 | 7.0 | 6.7 | 6.4 | |
| 3N1 | 8.0 | 7.0 | 5.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.0 | 6.7 | 6.0 | 5.7 | 6.3 | 7.0 | 6.3 | |
| BULLSEYE | 6.7 | 6.7 | 6.7 | 5.7 | 5.7 | 5.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 | |
| DLFPS-321/3679 | 7.0 | 7.0 | 5.7 | 7.0 | 5.3 | 6.3 | 6.0 | 6.7 | 5.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | |
| DLFPS-TF/3552 | 6.7 | 7.3 | 5.7 | 6.3 | 6.3 | 6.0 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 5.7 | 6.0 | 6.3 | 6.3 | |
| K18-RS6 | 7.3 | 7.3 | 4.3 | 6.7 | 5.7 | 6.7 | 6.0 | 7.0 | 5.7 | 6.3 | 6.7 | 5.7 | 6.0 | 6.7 | 6.3 | |
| NAI-ST5 | 7.3 | 7.0 | 5.0 | 7.0 | 5.3 | 7.0 | 6.3 | 7.0 | 6.3 | 6.3 | 6.0 | 5.7 | 6.3 | 6.7 | 6.3 | |
| NATURALLY GREEN | 7.7 | 7.0 | 4.3 | 6.0 | 5.7 | 6.7 | 6.0 | 6.3 | 6.7 | 6.7 | 6.0 | 6.0 | 6.0 | 7.0 | 6.3 | |
| PPG-TF 249 | 7.0 | 6.0 | 5.3 | 6.7 | 5.7 | 6.7 | 5.7 | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 | 6.7 | 6.7 | 6.3 | |
| PPG-TF 312 | 7.3 | 6.7 | 6.0 | 6.0 | 5.3 | 6.7 | 6.3 | 6.3 | 5.7 | 6.3 | 6.3 | 6.0 | 6.3 | 6.7 | 6.3 | |
| PPG-TF 318 | 7.7 | 6.3 | 5.3 | 6.7 | 5.7 | 5.7 | 6.3 | 6.3 | 6.0 | 6.7 | 6.3 | 6.3 | 6.0 | 6.3 | 6.3 | |

TABLE 6.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SHADE AT AMES, IA 1/
2021 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | | | | | | MEAN |
|------------------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|------|------|------|------|------|------|------|------|------|
| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| RAPTOR LS (PPG-TF 336) | 6.7 | 6.7 | 6.0 | 5.3 | 5.7 | 5.0 | 6.3 | 6.0 | 6.3 | 7.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.3 |
| SE5STAR | 8.0 | 7.0 | 4.7 | 6.7 | 5.3 | 6.7 | 7.3 | 7.0 | 5.3 | 6.0 | 6.0 | 5.7 | 6.0 | 6.7 | 6.3 |
| ATF2116 | 7.0 | 6.7 | 5.7 | 5.7 | 6.0 | 6.3 | 5.7 | 6.0 | 6.0 | 6.7 | 6.0 | 6.0 | 6.3 | 6.7 | 6.2 |
| BAR 9FE MAS | 7.0 | 7.0 | 4.3 | 6.3 | 6.3 | 7.0 | 5.0 | 6.3 | 6.7 | 6.7 | 6.0 | 6.0 | 6.7 | 6.3 | 6.2 |
| KENTUCKY-31 | 8.0 | 6.0 | 5.7 | 5.7 | 5.0 | 6.3 | 7.0 | 6.0 | 6.7 | 6.0 | 5.3 | 5.7 | 6.3 | 6.7 | 6.2 |
| NAI-FQZ-17 | 6.3 | 6.3 | 6.0 | 7.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.7 | 6.0 | 6.3 | 6.0 | 6.0 | 6.7 | 6.2 |
| BAR-FA8230 | 7.0 | 6.3 | 5.3 | 7.0 | 6.0 | 5.7 | 6.0 | 6.7 | 5.7 | 6.3 | 6.7 | 6.0 | 5.7 | 6.0 | 6.1 |
| KIZZLE (K18-ROE) | 7.0 | 6.3 | 6.3 | 6.0 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.0 | 6.1 |
| NT-3 | 7.3 | 7.3 | 6.0 | 6.7 | 6.3 | 6.7 | 5.7 | 6.7 | 5.7 | 6.3 | 6.0 | 5.7 | 6.3 | 6.7 | 6.1 |
| TEACHER (PPG-TF 313) | 6.7 | 6.3 | 4.0 | 5.7 | 5.3 | 7.0 | 5.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.3 | 6.1 |
| AH2 | 7.0 | 6.0 | 5.0 | 5.7 | 5.3 | 6.0 | 6.0 | 6.3 | 6.0 | 5.7 | 6.3 | 5.7 | 6.0 | 6.3 | 6.0 |
| ATF1768 | 6.7 | 7.3 | 5.0 | 6.3 | 5.0 | 7.3 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 5.7 | 5.7 | 6.7 | 6.0 |
| DLFPS-321/3695 | 7.7 | 6.3 | 5.3 | 6.3 | 5.3 | 5.7 | 6.0 | 6.3 | 6.0 | 6.0 | 5.3 | 6.0 | 6.3 | 6.0 | 6.0 |
| DLFPS-321/3706 | 6.7 | 7.0 | 4.0 | 5.7 | 6.0 | 6.0 | 5.7 | 6.3 | 6.3 | 6.3 | 5.7 | 5.3 | 6.0 | 6.0 | 6.0 |
| FIREHAWK SLT | 6.0 | 5.7 | 5.3 | 6.3 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 5.7 | 6.0 | 6.0 | 6.0 |
| GO-AOMK | 7.7 | 6.7 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 5.7 | 5.3 | 6.3 | 6.3 | 6.0 |
| RAD-TF131 | 6.3 | 6.3 | 5.7 | 6.0 | 6.3 | 5.3 | 5.3 | 6.3 | 5.3 | 6.0 | 6.3 | 6.7 | 6.0 | 6.3 | 6.0 |
| RHL2 | 6.7 | 6.0 | 5.7 | 6.0 | 5.3 | 5.7 | 6.3 | 6.3 | 5.7 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 |
| BGR-TF3 | 5.7 | 7.3 | 5.7 | 6.0 | 6.3 | 5.7 | 5.0 | 6.3 | 5.7 | 6.7 | 5.7 | 5.3 | 6.3 | 6.3 | 5.9 |
| DLFPS-321/3708 | 6.7 | 7.7 | 3.7 | 6.7 | 4.7 | 6.0 | 5.0 | 6.7 | 6.3 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 5.9 |
| DLFPS-TF/3550 | 6.7 | 6.3 | 5.3 | 5.3 | 5.7 | 6.7 | 5.3 | 5.7 | 5.3 | 6.3 | 6.3 | 5.3 | 6.0 | 6.7 | 5.9 |
| ESTRENA | 7.3 | 6.3 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 | 5.7 | 5.3 | 6.0 | 6.3 | 5.9 |
| RS1 | 6.7 | 6.7 | 5.7 | 6.7 | 5.7 | 5.3 | 6.0 | 6.3 | 6.3 | 6.0 | 5.7 | 5.7 | 5.3 | 6.0 | 5.9 |
| 5LSS | 6.7 | 6.0 | 4.7 | 5.7 | 4.7 | 4.7 | 5.7 | 6.3 | 6.0 | 5.7 | 6.0 | 5.3 | 6.3 | 5.3 | 5.8 |
| DLFPS-TF/3553 | 7.0 | 5.3 | 4.3 | 5.0 | 5.3 | 6.3 | 6.0 | 5.0 | 4.7 | 6.3 | 5.0 | 6.0 | 6.3 | 7.0 | 5.8 |
| ESCALADE | 7.0 | 6.0 | 5.3 | 5.0 | 5.7 | 5.3 | 6.0 | 6.0 | 6.3 | 6.0 | 5.3 | 5.3 | 5.7 | 6.0 | 5.8 |
| PARAMOUNT | 6.3 | 6.7 | 3.7 | 6.3 | 5.3 | 6.0 | 5.0 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.3 | 5.8 |
| SERENADE (PPG-TF 320) | 6.7 | 6.7 | 4.3 | 5.7 | 5.3 | 6.3 | 5.3 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 6.3 | 5.8 |
| AST8118LM | 6.7 | 7.0 | 4.7 | 5.7 | 5.3 | 5.3 | 5.3 | 6.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 |
| PPG-TF 337 | 5.7 | 6.3 | 4.7 | 6.0 | 5.0 | 5.3 | 5.3 | 5.7 | 6.7 | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 |
| TRIAD (PPG-TF 323) | 6.7 | 6.7 | 4.7 | 6.0 | 4.3 | 5.0 | 5.7 | 6.0 | 6.3 | 5.7 | 5.7 | 5.0 | 5.3 | 5.3 | 5.6 |
| DLFPS-321/3694 | 5.3 | 5.3 | 3.7 | 5.0 | 5.0 | 5.3 | 5.0 | 5.0 | 6.0 | 5.7 | 5.7 | 5.3 | 5.7 | 5.7 | 5.5 |
| GRO-PRO (SE53D2) | 6.3 | 6.0 | 5.0 | 6.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.0 | 5.3 | 5.7 | 5.5 |
| OG-WALK | 7.0 | 6.3 | 3.0 | 5.3 | 5.3 | 5.7 | 5.0 | 5.0 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7 | 6.0 | 5.5 |
| TANK (PPG-TF 338) | 6.0 | 5.7 | 3.7 | 5.0 | 5.0 | 5.3 | 5.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 6.0 | 5.7 | 5.5 |
| AST8218LM | 7.3 | 7.3 | 4.3 | 6.0 | 5.0 | 5.7 | 5.0 | 6.0 | 5.0 | 5.7 | 5.3 | 5.0 | 5.0 | 6.0 | 5.4 |
| BAR FA 8228 | 7.3 | 7.0 | 4.3 | 6.0 | 5.0 | 5.7 | 5.3 | 6.0 | 5.7 | 5.3 | 5.3 | 5.0 | 4.7 | 5.7 | 5.4 |
| AH1 | 6.0 | 5.7 | 4.7 | 5.7 | 4.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 |
| PALOMAR | 6.3 | 7.0 | 3.3 | 5.7 | 5.0 | 5.7 | 4.7 | 5.7 | 6.0 | 5.3 | 5.3 | 4.7 | 5.3 | 5.7 | 5.3 |
| PPG-TF 267 | 5.3 | 6.3 | 4.0 | 6.3 | 4.7 | 5.3 | 5.0 | 5.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| ZION (BAR TF 134) | 5.7 | 4.7 | 4.0 | 6.3 | 4.3 | 5.3 | 5.0 | 5.3 | 5.7 | 5.3 | 4.7 | 5.0 | 5.0 | 5.3 | 5.2 |
| PPG-TF 262 | 5.7 | 6.0 | 3.0 | 6.0 | 4.7 | 5.3 | 4.3 | 5.3 | 5.7 | 5.0 | 5.0 | 4.3 | 5.3 | 5.3 | 5.0 |
| LSD VALUE | 3.0 | 5.2 | 7.3 | 6.2 | 4.6 | 5.1 | 2.7 | 4.6 | 2.8 | 3.4 | 3.2 | 2.6 | 4.0 | 3.9 | 2.5 |
| C.V. (%) | 14.5 | 15.6 | 30.4 | 16.3 | 19.1 | 20.6 | 16.8 | 16.0 | 15.2 | 15.5 | 15.9 | 15.7 | 15.6 | 16.1 | 13.5 |

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

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

TABLE 6.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SHADE AT AMES, IA 1/
2021 DATA

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

| NAME | COLOR | | | PERCENT GROUND COVER FROM APRIL-OCTOBER | | | | | |
|--------------------------|-----------|---------|----------|---|------|------|--------|-----------|---------|
| | SEPTEMBER | OCTOBER | NOVEMBER | APRIL | MAY | JULY | AUGUST | SEPTEMBER | OCTOBER |
| DLFPS-321/3696 | 8.0 | 8.3 | 8.0 | 74.0 | 87.7 | 82.7 | 72.3 | 83.0 | 69.3 |
| BIRMINGHAM | 8.3 | 8.3 | 8.0 | 76.7 | 86.7 | 76.3 | 80.7 | 75.7 | 56.7 |
| COPIOUS TF | 8.0 | 7.7 | 8.0 | 79.3 | 89.7 | 79.3 | 82.3 | 83.0 | 69.7 |
| MOONDANCE GLX | 8.0 | 8.0 | 8.0 | 83.3 | 89.7 | 78.3 | 90.7 | 81.3 | 76.3 |
| XANADU (JT 268) | 7.3 | 8.3 | 8.0 | 72.7 | 86.7 | 82.0 | 84.0 | 81.7 | 60.7 |
| BRAVO 2 | 8.0 | 8.0 | 8.7 | 74.3 | 83.7 | 64.3 | 72.3 | 78.3 | 62.3 |
| FAIRFIELD (SETF104) | 8.0 | 8.0 | 7.7 | 59.0 | 87.3 | 66.0 | 81.0 | 79.3 | 72.7 |
| FAYETTE | 7.7 | 8.0 | 8.0 | 65.7 | 86.7 | 68.3 | 85.3 | 87.0 | 67.3 |
| PADRE 2 | 8.0 | 8.0 | 8.0 | 68.7 | 89.3 | 76.0 | 81.0 | 74.7 | 68.0 |
| PPG-TF 231 | 7.3 | 8.0 | 8.0 | 72.7 | 88.0 | 74.7 | 88.0 | 83.7 | 69.3 |
| PPG-TF 306 | 7.3 | 8.3 | 8.0 | 70.7 | 84.7 | 78.3 | 81.0 | 78.0 | 58.7 |
| RAD-TF115 (TURBO SS) | 8.0 | 8.0 | 8.0 | 75.3 | 86.3 | 87.3 | 92.3 | 84.0 | 61.3 |
| STEALTH (PPG-TF 238) | 7.0 | 7.7 | 8.0 | 68.7 | 92.7 | 89.3 | 88.3 | 89.0 | 76.7 |
| AVENGER III (PPG-TF 308) | 8.0 | 7.7 | 8.0 | 54.3 | 85.0 | 86.3 | 92.3 | 82.7 | 73.7 |
| DEGAS (LTP-TF-111) | 7.3 | 8.0 | 8.0 | 71.7 | 93.3 | 82.3 | 82.3 | 78.3 | 66.3 |
| JT 233 | 8.0 | 8.0 | 8.0 | 59.7 | 84.7 | 72.0 | 78.3 | 85.3 | 66.3 |
| PST-5DC24 | 8.0 | 7.7 | 8.0 | 48.7 | 78.0 | 80.7 | 79.7 | 77.3 | 69.3 |
| PST-5DZM | 8.0 | 8.0 | 7.7 | 64.3 | 85.0 | 82.3 | 86.0 | 75.7 | 72.7 |
| PST-5E6 | 7.7 | 8.0 | 8.0 | 64.3 | 77.0 | 76.3 | 77.0 | 75.7 | 71.7 |
| PST-5MCMO | 8.0 | 8.3 | 8.0 | 71.7 | 81.3 | 78.0 | 75.7 | 67.3 | 53.7 |
| PST-5TRN | 8.0 | 8.0 | 8.0 | 72.7 | 88.7 | 80.0 | 84.0 | 75.7 | 71.7 |
| RAD-TF105 | 8.3 | 8.3 | 8.7 | 65.3 | 71.7 | 59.3 | 67.0 | 71.3 | 66.0 |
| BANDIT | 8.3 | 8.3 | 8.0 | 67.3 | 78.7 | 75.7 | 77.0 | 59.7 | 45.7 |
| DLFPS-321/3699 | 8.0 | 8.3 | 8.0 | 71.0 | 84.3 | 59.3 | 60.7 | 66.7 | 58.3 |
| GRANDE 3 | 7.7 | 8.0 | 8.0 | 67.0 | 86.7 | 64.0 | 69.7 | 81.7 | 70.3 |
| JT 517 | 7.7 | 8.0 | 8.0 | 70.0 | 85.7 | 61.0 | 73.0 | 64.3 | 61.0 |
| OKEEFE (LTP-TF-122) | 7.0 | 8.0 | 8.0 | 68.3 | 88.0 | 77.7 | 77.7 | 78.7 | 63.7 |
| PPG-TF 257 | 7.3 | 7.3 | 7.7 | 70.0 | 86.7 | 81.7 | 86.3 | 86.0 | 81.3 |
| PST-5THM | 7.7 | 8.0 | 8.0 | 61.3 | 85.0 | 76.7 | 83.3 | 73.0 | 65.3 |
| RH3 | 7.7 | 8.0 | 8.3 | 66.3 | 86.3 | 91.3 | 94.3 | 88.0 | 70.7 |
| SYMPHONY (PPG-TF 305) | 7.7 | 8.0 | 8.0 | 51.7 | 89.0 | 88.7 | 94.3 | 88.0 | 75.7 |
| COL-TF-148 | 7.3 | 8.0 | 8.0 | 67.0 | 91.7 | 68.3 | 73.0 | 71.7 | 64.3 |
| DLFPS-321/3703 | 8.0 | 7.7 | 8.0 | 59.7 | 80.0 | 66.3 | 73.0 | 66.3 | 54.3 |
| DRAGSTER | 7.3 | 8.3 | 7.7 | 65.0 | 85.3 | 88.0 | 84.7 | 84.7 | 59.7 |
| GALACTIC (SESCR1) | 7.7 | 8.0 | 7.7 | 62.7 | 80.0 | 63.0 | 67.7 | 68.7 | 62.7 |
| GLX ACED (PST-5DART) | 7.7 | 8.0 | 8.0 | 73.7 | 86.0 | 78.3 | 83.3 | 84.3 | 74.3 |
| MONUMENT (PST-5SQB) | 7.7 | 8.0 | 8.0 | 54.7 | 80.7 | 76.0 | 78.7 | 71.7 | 58.3 |
| PRO GOLD | 7.3 | 7.3 | 8.0 | 79.0 | 76.3 | 67.7 | 70.3 | 72.7 | 69.7 |
| PST-5BYOB | 7.7 | 8.0 | 8.3 | 67.0 | 89.0 | 86.7 | 86.3 | 76.0 | 68.7 |
| PST-5GQ | 8.0 | 8.0 | 8.0 | 71.3 | 84.3 | 74.7 | 80.0 | 75.3 | 68.7 |
| PST-5MINK | 7.7 | 8.0 | 8.0 | 69.0 | 77.7 | 72.7 | 76.3 | 71.0 | 60.3 |
| RDC | 7.7 | 8.0 | 8.0 | 34.0 | 81.7 | 86.7 | 83.3 | 75.3 | 63.0 |
| TANGO | 7.7 | 7.7 | 8.0 | 62.3 | 80.3 | 66.3 | 74.7 | 74.3 | 64.0 |
| BONFIRE (JS DTT) | 6.7 | 8.0 | 8.0 | 41.0 | 77.7 | 75.3 | 80.3 | 72.7 | 62.0 |
| DLFPS-321/3701 | 7.3 | 8.0 | 7.7 | 64.3 | 77.3 | 79.7 | 76.0 | 76.0 | 62.7 |

TABLE 6.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SHADE AT AMES, IA 1/
2021 DATA

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

| NAME | COLOR | | | PERCENT GROUND COVER FROM APRIL-OCTOBER | | | | | |
|-------------------------------|-----------|---------|----------|---|------|------|--------|-----------|---------|
| | SEPTEMBER | OCTOBER | NOVEMBER | APRIL | MAY | JULY | AUGUST | SEPTEMBER | OCTOBER |
| DLFPS-321/3705 | 7.3 | 7.3 | 7.7 | 59.3 | 84.7 | 89.3 | 84.3 | 85.0 | 81.3 |
| FIRENZA II (PPG-TF 244) | 7.7 | 8.0 | 8.0 | 52.0 | 74.7 | 78.3 | 78.3 | 70.0 | 66.0 |
| K18-NSE | 7.3 | 8.3 | 8.0 | 63.7 | 86.3 | 77.3 | 82.0 | 78.3 | 52.0 |
| LIFEGUARD | 8.7 | 8.3 | 7.7 | 47.0 | 71.7 | 53.3 | 63.0 | 59.3 | 37.0 |
| NAI-ROS4 | 8.0 | 8.0 | 8.0 | 52.3 | 82.0 | 74.0 | 74.7 | 70.7 | 59.7 |
| RH1 | 7.7 | 8.0 | 8.0 | 66.3 | 79.7 | 77.0 | 82.3 | 75.0 | 61.7 |
| SETFM3 | 8.0 | 8.3 | 8.3 | 42.3 | 66.7 | 58.7 | 53.7 | 64.3 | 54.3 |
| SPYDER 2LS (ZRC1) | 7.3 | 8.0 | 8.0 | 43.3 | 77.0 | 69.3 | 74.0 | 69.3 | 64.7 |
| BY-TF-169 | 7.7 | 8.0 | 8.0 | 40.3 | 79.0 | 68.7 | 78.7 | 63.0 | 46.0 |
| FIRECRACKER G-LS (PPG-TF 315) | 7.0 | 7.7 | 8.0 | 48.7 | 68.3 | 53.0 | 63.7 | 54.3 | 51.3 |
| GO-RH20 | 7.7 | 8.0 | 8.3 | 64.0 | 74.7 | 67.0 | 63.0 | 61.3 | 53.0 |
| GRAND PRIX (FC15-01P) | 8.0 | 8.3 | 8.0 | 43.3 | 56.7 | 50.7 | 51.0 | 62.0 | 50.7 |
| K18-WB1 | 7.0 | 7.3 | 7.7 | 51.3 | 65.0 | 68.3 | 78.3 | 67.0 | 61.7 |
| LBF | 7.7 | 8.7 | 8.3 | 53.3 | 82.7 | 69.0 | 74.7 | 66.3 | 53.0 |
| PST-5GLBS | 7.0 | 7.3 | 7.3 | 69.3 | 79.7 | 67.3 | 81.0 | 75.3 | 60.0 |
| RC4 | 7.0 | 7.7 | 8.0 | 63.0 | 67.7 | 63.7 | 66.0 | 66.7 | 57.7 |
| TALLADEGA II (NAI-3N2) | 7.3 | 8.0 | 8.0 | 55.0 | 80.0 | 71.0 | 75.7 | 65.7 | 54.7 |
| TOUGH (NAI-TUE) | 8.0 | 8.3 | 8.0 | 40.0 | 68.3 | 56.0 | 60.7 | 60.7 | 43.3 |
| 3B2 | 8.0 | 8.0 | 8.0 | 40.7 | 56.3 | 54.3 | 56.0 | 61.3 | 45.0 |
| DLFPS-321/3702 | 7.3 | 7.7 | 8.0 | 49.7 | 61.7 | 48.0 | 57.7 | 54.7 | 40.0 |
| DLFPS-321/3707 | 7.3 | 8.0 | 8.0 | 42.7 | 68.7 | 60.0 | 61.7 | 60.7 | 52.7 |
| HEMI | 7.3 | 7.7 | 7.7 | 52.0 | 63.0 | 55.0 | 50.7 | 55.0 | 43.3 |
| TITAN GLX (TF445) | 7.3 | 8.0 | 8.0 | 67.3 | 69.0 | 64.0 | 66.7 | 65.7 | 56.3 |
| TITANIUM G-LS (PPG-TF 255) | 7.3 | 7.7 | 8.0 | 58.3 | 57.0 | 62.3 | 64.0 | 64.3 | 57.0 |
| A-TF31 | 7.7 | 7.7 | 8.0 | 47.0 | 59.3 | 55.3 | 61.7 | 53.7 | 51.7 |
| BULLSEYE LTZ | 7.0 | 7.7 | 8.0 | 57.0 | 61.3 | 66.0 | 64.7 | 60.0 | 52.7 |
| DLFPS-321/3693 | 7.0 | 7.7 | 8.0 | 33.0 | 63.7 | 60.7 | 66.7 | 54.3 | 50.0 |
| DYNAMITE G-LS (PPG-TF 254) | 7.0 | 7.3 | 7.3 | 62.3 | 73.0 | 65.7 | 66.7 | 66.3 | 60.7 |
| RHF | 7.0 | 7.7 | 8.0 | 38.7 | 61.3 | 46.3 | 53.3 | 61.7 | 49.7 |
| PPG-TF 316 | 6.7 | 7.0 | 7.0 | 62.0 | 65.7 | 59.3 | 62.7 | 62.0 | 56.0 |
| RAPTOR III | 7.7 | 8.0 | 8.0 | 29.3 | 56.7 | 59.3 | 52.3 | 57.7 | 52.0 |
| SETFM2 | 7.3 | 7.3 | 7.3 | 65.7 | 62.0 | 45.7 | 50.3 | 61.0 | 50.0 |
| TD2 | 7.7 | 8.0 | 8.0 | 61.0 | 61.0 | 39.0 | 50.0 | 53.7 | 48.3 |
| TITAN MAX (TF456) | 7.0 | 7.3 | 8.0 | 51.7 | 54.3 | 54.3 | 60.0 | 67.7 | 67.3 |
| TMT1 | 7.3 | 8.0 | 8.0 | 41.3 | 51.7 | 44.3 | 53.0 | 56.7 | 48.7 |
| 3N1 | 6.7 | 7.7 | 8.0 | 32.0 | 55.0 | 51.0 | 51.3 | 46.3 | 45.7 |
| BULLSEYE | 6.3 | 6.7 | 7.0 | 66.3 | 66.0 | 54.7 | 59.0 | 62.7 | 58.3 |
| DLFPS-321/3679 | 7.3 | 7.3 | 8.0 | 59.3 | 51.0 | 43.7 | 45.0 | 54.7 | 39.7 |
| DLFPS-TF/3552 | 7.0 | 7.0 | 8.0 | 47.0 | 55.0 | 38.0 | 54.0 | 55.0 | 43.3 |
| K18-RS6 | 7.3 | 7.7 | 7.7 | 24.3 | 58.0 | 42.3 | 47.3 | 46.7 | 37.0 |
| NAI-ST5 | 7.0 | 8.0 | 8.3 | 36.0 | 55.0 | 43.3 | 40.0 | 31.0 | 29.0 |
| NATURALLY GREEN | 7.7 | 8.0 | 8.0 | 30.7 | 56.7 | 49.0 | 48.3 | 47.7 | 39.0 |
| PPG-TF 249 | 7.0 | 7.0 | 6.7 | 26.7 | 62.7 | 56.3 | 53.7 | 61.0 | 46.7 |
| PPG-TF 312 | 7.0 | 7.3 | 8.0 | 38.7 | 57.7 | 58.7 | 54.7 | 56.0 | 53.0 |
| PPG-TF 318 | 7.3 | 6.7 | 6.7 | 57.3 | 64.7 | 48.7 | 61.7 | 64.7 | 56.7 |

TABLE 6.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SHADE AT AMES, IA 1/
2021 DATA

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

| NAME | COLOR | | | PERCENT GROUND COVER FROM APRIL-OCTOBER | | | | | |
|------------------------|-----------|---------|----------|---|------|------|--------|-----------|---------|
| | SEPTEMBER | OCTOBER | NOVEMBER | APRIL | MAY | JULY | AUGUST | SEPTEMBER | OCTOBER |
| RAPTOR LS (PPG-TF 336) | 6.3 | 6.0 | 6.3 | 65.3 | 66.0 | 55.0 | 63.3 | 64.7 | 61.3 |
| SE5STAR | 7.3 | 7.7 | 8.0 | 54.7 | 55.7 | 52.3 | 43.3 | 39.3 | 25.7 |
| ATF2116 | 7.0 | 8.3 | 7.7 | 41.0 | 55.0 | 50.7 | 52.7 | 46.7 | 38.7 |
| BAR 9FE MAS | 7.0 | 8.7 | 8.0 | 21.7 | 43.3 | 47.7 | 35.0 | 36.3 | 23.7 |
| KENTUCKY-31 | 6.0 | 7.0 | 7.7 | 47.7 | 50.3 | 52.3 | 42.0 | 44.7 | 44.7 |
| NAI-FQZ-17 | 6.3 | 7.3 | 6.7 | 34.0 | 58.7 | 54.3 | 52.7 | 52.0 | 42.3 |
| BAR-FA8230 | 6.7 | 6.3 | 7.3 | 49.0 | 58.0 | 48.3 | 56.0 | 55.7 | 43.0 |
| KIZZLE (K18-ROE) | 7.7 | 7.0 | 6.3 | 64.3 | 65.0 | 60.7 | 61.0 | 57.3 | 42.0 |
| NT-3 | 6.0 | 7.3 | 7.7 | 36.3 | 50.0 | 49.0 | 50.7 | 45.3 | 47.0 |
| TEACHER (PPG-TF 313) | 6.7 | 6.7 | 7.7 | 19.7 | 57.0 | 55.0 | 55.0 | 55.0 | 47.3 |
| AH2 | 7.0 | 6.7 | 7.0 | 39.3 | 58.3 | 56.0 | 57.0 | 51.7 | 48.3 |
| ATF1768 | 6.3 | 7.0 | 7.7 | 34.7 | 30.7 | 35.7 | 45.3 | 40.3 | 27.3 |
| DLFPS-321/3695 | 5.7 | 6.7 | 8.0 | 39.7 | 54.7 | 47.3 | 55.3 | 51.0 | 40.0 |
| DLFPS-321/3706 | 6.0 | 7.0 | 6.7 | 21.0 | 41.3 | 41.3 | 39.3 | 38.0 | 33.0 |
| FIREHAWK SLT | 7.0 | 6.7 | 6.7 | 36.3 | 52.0 | 53.7 | 50.7 | 49.7 | 39.0 |
| GO-AOMK | 6.3 | 8.0 | 7.0 | 38.0 | 38.7 | 39.7 | 41.7 | 39.0 | 25.3 |
| RAD-TF131 | 7.7 | 7.0 | 7.0 | 40.0 | 63.3 | 47.7 | 62.3 | 62.7 | 51.7 |
| RHL2 | 7.0 | 6.7 | 6.0 | 43.7 | 58.0 | 55.3 | 58.0 | 54.7 | 50.0 |
| BGR-TF3 | 7.0 | 7.7 | 7.3 | 37.3 | 45.3 | 41.3 | 44.3 | 44.0 | 34.7 |
| DLFPS-321/3708 | 7.7 | 7.0 | 7.0 | 13.3 | 40.3 | 33.7 | 30.0 | 28.3 | 24.0 |
| DLFPS-TF/3550 | 6.7 | 7.7 | 7.7 | 30.0 | 46.0 | 32.0 | 39.3 | 30.0 | 25.3 |
| ESTRENA | 6.0 | 7.7 | 7.7 | 41.0 | 50.7 | 40.0 | 40.7 | 48.3 | 40.7 |
| RS1 | 6.7 | 6.3 | 7.7 | 50.7 | 53.3 | 31.0 | 41.3 | 38.7 | 38.0 |
| 5LSS | 6.3 | 7.3 | 6.7 | 34.0 | 45.0 | 37.0 | 39.3 | 36.0 | 37.3 |
| DLFPS-TF/3553 | 6.7 | 7.7 | 8.0 | 36.7 | 34.0 | 41.3 | 34.3 | 61.3 | 39.0 |
| ESCALADE | 6.0 | 6.7 | 7.3 | 49.0 | 37.0 | 42.0 | 34.0 | 40.3 | 37.0 |
| PARAMOUNT | 7.0 | 6.7 | 6.3 | 30.3 | 51.3 | 42.3 | 37.0 | 42.0 | 45.0 |
| SERENADE (PPG-TF 320) | 6.7 | 7.0 | 7.7 | 29.7 | 52.3 | 47.0 | 43.3 | 45.0 | 40.7 |
| AST8118LM | 6.7 | 6.7 | 6.7 | 33.7 | 36.7 | 26.0 | 26.0 | 33.3 | 28.7 |
| PPG-TF 337 | 6.7 | 6.7 | 6.3 | 35.3 | 35.0 | 36.0 | 35.7 | 35.7 | 32.0 |
| TRIAD (PPG-TF 323) | 5.7 | 7.0 | 7.7 | 29.0 | 37.3 | 36.0 | 39.7 | 39.7 | 30.0 |
| DLFPS-321/3694 | 6.0 | 6.0 | 6.3 | 31.3 | 33.0 | 30.3 | 37.3 | 45.0 | 40.7 |
| GRO-PRO (SE53D2) | 6.3 | 6.3 | 7.0 | 37.3 | 36.0 | 34.3 | 34.7 | 31.0 | 23.0 |
| OG-WALK | 5.7 | 6.7 | 7.7 | 8.0 | 14.7 | 36.0 | 22.3 | 28.3 | 18.7 |
| TANK (PPG-TF 338) | 6.7 | 7.0 | 7.3 | 28.7 | 31.3 | 29.7 | 37.0 | 37.3 | 30.7 |
| AST8218LM | 6.3 | 6.7 | 7.7 | 25.0 | 27.0 | 32.3 | 22.0 | 22.3 | 17.7 |
| BAR FA 8228 | 5.7 | 5.3 | 7.7 | 28.0 | 30.3 | 20.7 | 16.3 | 18.0 | 15.7 |
| AH1 | 6.0 | 6.7 | 5.7 | 28.0 | 29.3 | 30.0 | 21.0 | 28.3 | 23.3 |
| PALOMAR | 5.0 | 6.3 | 7.3 | 4.3 | 24.7 | 26.0 | 21.0 | 19.7 | 16.3 |
| PPG-TF 267 | 7.3 | 7.0 | 5.3 | 23.0 | 29.0 | 27.3 | 24.3 | 18.0 | 18.3 |
| ZION (BAR TF 134) | 6.3 | 5.7 | 6.0 | 20.3 | 32.7 | 33.7 | 33.0 | 33.0 | 28.0 |
| PPG-TF 262 | 6.0 | 6.3 | 6.3 | 5.0 | 26.7 | 20.0 | 15.0 | 12.3 | 13.0 |
| LSD VALUE | 2.8 | 4.7 | 3.1 | 86.9 | 76.8 | 77.4 | 80.4 | 94.1 | 105.3 |
| C.V. (%) | 14.1 | 14.7 | 12.3 | 54.2 | 42.8 | 44.9 | 46.7 | 46.4 | 51.7 |

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

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

TABLE 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT WEST LAFAYETTE, IN 1/
2021 DATA

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

| NAME | GENETIC COLOR | FALL DENSITY | PYTHIUM | APR | MAY | JUN | QUALITY RATINGS | | | | | MEAN |
|-------------------------------|------------------|-----------------|---------|-----|-----|-----|-----------------|-----|-----|-----|-----|------|
| | | | | | | | JUL | AUG | SEP | OCT | NOV | |
| PPG-TF 267 | 6.3 | 6.7 | 8.0 | 7.3 | 7.0 | 7.0 | 6.3 | 5.7 | 6.3 | 7.0 | 6.3 | 6.6 |
| RAPTOR LS (PPG-TF 336) | 6.3 | 6.3 | 8.3 | 7.3 | 6.7 | 6.7 | 6.3 | 5.3 | 7.0 | 6.7 | 6.7 | 6.6 |
| 5LSS | 6.0 | 6.7 | 7.3 | 7.3 | 6.3 | 7.0 | 6.3 | 6.0 | 6.3 | 6.7 | 6.0 | 6.5 |
| FIRECRACKER G-LS (PPG-TF 315) | 6.7 | 6.3 | 8.7 | 7.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.7 | 6.0 | 6.3 | 6.5 |
| DYNAMITE G-LS (PPG-TF 254) | 6.7 | 6.7 | 8.3 | 7.3 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 | 6.7 | 6.7 | 6.4 |
| PPG-TF 249 | 6.7 | 6.3 | 9.0 | 7.0 | 6.3 | 7.0 | 5.7 | 6.0 | 6.7 | 6.3 | 6.3 | 6.4 |
| PPG-TF 337 | 6.7 | 6.7 | 7.3 | 6.3 | 6.7 | 7.0 | 6.0 | 6.0 | 7.0 | 5.7 | 6.7 | 6.4 |
| XANADU (JT 268) | 7.3 | 6.3 | 8.0 | 7.0 | 7.3 | 6.7 | 6.3 | 5.3 | 6.3 | 6.0 | 6.3 | 6.4 |
| DLFPS-321/3705 | 6.3 | 6.0 | 8.3 | 7.0 | 6.7 | 6.3 | 6.3 | 6.0 | 5.7 | 6.0 | 6.3 | 6.3 |
| K18-NSE | 6.3 | 5.7 | 7.7 | 7.0 | 6.0 | 6.7 | 6.0 | 5.3 | 6.3 | 7.0 | 6.0 | 6.3 |
| PPG-TF 262 | 6.3 | 6.7 | 8.3 | 6.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 7.0 | 6.3 | 6.3 |
| SPYDER 2LS (ZRC1) | 6.3 | 6.7 | 7.0 | 7.3 | 6.0 | 6.0 | 6.3 | 6.0 | 7.0 | 6.0 | 6.0 | 6.3 |
| TMT1 | 6.7 | 6.0 | 9.0 | 6.7 | 6.0 | 6.3 | 6.0 | 5.7 | 7.0 | 6.7 | 6.0 | 6.3 |
| ZION (BAR TF 134) | 5.7 | 6.3 | 9.0 | 6.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.7 | 6.3 | 6.3 | 6.3 |
| BULLSEYE LTZ | 7.0 | 6.3 | 8.7 | 6.7 | 6.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.7 | 5.7 | 6.2 |
| PPG-TF 312 | 6.7 | 5.3 | 7.0 | 6.7 | 6.0 | 5.7 | 5.7 | 6.7 | 6.3 | 6.3 | 6.0 | 6.2 |
| SERENADE (PPG-TF 320) | 6.3 | 6.7 | 8.7 | 7.0 | 6.3 | 6.0 | 5.3 | 5.7 | 6.3 | 6.0 | 7.0 | 6.2 |
| AVENGER III (PPG-TF 308) | 7.0 | 5.7 | 7.3 | 7.0 | 5.7 | 6.7 | 5.7 | 6.0 | 6.3 | 5.3 | 6.3 | 6.1 |
| K18-WB1 | 6.7 | 5.7 | 7.7 | 6.7 | 5.7 | 5.3 | 5.7 | 5.7 | 6.3 | 6.3 | 7.0 | 6.1 |
| PPG-TF 316 | 7.0 | 7.0 | 9.0 | 6.7 | 6.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.7 | 6.3 | 6.1 |
| PPG-TF 318 | 6.3 | 6.3 | 8.3 | 7.3 | 6.0 | 6.0 | 5.7 | 5.7 | 6.3 | 5.7 | 6.3 | 6.1 |
| 3N1 | 7.0 | 6.0 | 8.7 | 6.7 | 5.7 | 6.0 | 6.0 | 6.7 | 6.0 | 5.0 | 5.7 | 6.0 |
| BONFIRE (JS DTT) | 6.3 | 6.3 | 8.0 | 6.3 | 6.0 | 6.3 | 5.7 | 4.7 | 6.3 | 6.3 | 6.0 | 6.0 |
| DEGAS (LTP-TF-111) | 6.0 | 6.3 | 9.0 | 7.0 | 5.7 | 6.3 | 6.0 | 5.0 | 6.3 | 6.0 | 6.0 | 6.0 |
| DLFPS-321/3701 | 7.0 | 6.7 | 7.7 | 6.3 | 6.3 | 6.0 | 6.0 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 |
| DLFPS-TF/3552 | 7.3 | 6.0 | 9.0 | 6.3 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 5.3 | 5.7 | 6.0 |
| DLFPS-TF/3553 | 6.7 | 6.3 | 8.0 | 6.7 | 6.0 | 6.0 | 5.7 | 5.0 | 6.3 | 6.0 | 6.3 | 6.0 |
| FIREHAWK SLT | 6.3 | 5.7 | 8.0 | 6.7 | 6.0 | 5.7 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| FIRENZA II (PPG-TF 244) | 7.0 | 6.3 | 7.3 | 6.3 | 6.0 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 |
| K18-RS6 | 6.3 | 6.3 | 7.7 | 6.7 | 6.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 6.0 |
| LIFEGUARD | 6.0 | 6.0 | 9.0 | 6.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 |
| NAI-ROS4 | 7.0 | 6.3 | 8.3 | 6.3 | 6.3 | 6.0 | 5.3 | 6.3 | 5.7 | 5.7 | 6.0 | 6.0 |
| PPG-TF 257 | 7.0 | 6.0 | 8.7 | 6.7 | 6.0 | 6.3 | 5.7 | 5.3 | 6.0 | 6.3 | 6.0 | 6.0 |
| PST-5BYOB | 5.3 | 5.7 | 9.0 | 6.7 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 5.3 | 5.7 | 6.0 |
| RHL2 | 7.0 | 6.0 | 7.0 | 7.0 | 6.3 | 5.7 | 5.3 | 5.7 | 5.7 | 6.3 | 6.3 | 6.0 |
| STEALTH (PPG-TF 238) | 6.7 | 5.7 | 8.0 | 6.7 | 6.0 | 5.7 | 5.7 | 5.7 | 6.3 | 5.7 | 6.3 | 6.0 |
| SYMPHONY (PPG-TF 305) | 7.3 | 5.7 | 8.0 | 6.3 | 6.3 | 6.3 | 5.3 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 |
| TD2 | 7.0 | 6.7 | 6.7 | 6.3 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 |
| TEACHER (PPG-TF 313) | 6.3 | 6.0 | 8.3 | 6.3 | 6.0 | 5.7 | 5.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 |
| TITAN MAX (TF456) | 7.0 | 6.0 | 8.3 | 7.0 | 6.3 | 6.0 | 5.7 | 5.3 | 6.3 | 6.0 | 5.7 | 6.0 |
| AH2 | 6.3 | 5.3 | 7.7 | 7.0 | 6.0 | 6.0 | 5.3 | 5.3 | 5.7 | 6.0 | 6.0 | 5.9 |
| COL-TF-148 | 6.0 | 6.3 | 8.7 | 6.7 | 5.7 | 5.7 | 5.3 | 5.3 | 6.7 | 6.3 | 5.7 | 5.9 |
| DLFPS-321/3696 | 7.0 | 5.7 | 8.3 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 | 6.0 | 5.3 | 5.3 | 5.9 |
| DRAGSTER | 6.0 | 6.0 | 9.0 | 6.7 | 5.7 | 6.0 | 5.3 | 5.7 | 6.0 | 5.7 | 6.3 | 5.9 |
| JT 233 | 6.7 | 5.3 | 9.0 | 6.3 | 6.7 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 | 6.3 | 5.9 |

TABLE 7.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT WEST LAFAYETTE, IN 1/
2021 DATA

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

| NAME | GENETIC COLOR | FALL DENSITY | PYTHIUM | APR | MAY | JUN | QUALITY RATINGS | | | | | MEAN |
|----------------------------|------------------|-----------------|---------|-----|-----|-----|-----------------|-----|-----|-----|-----|------|
| | | | | | | | JUL | AUG | SEP | OCT | NOV | |
| NAI-ST5 | 7.3 | 6.0 | 8.3 | 6.3 | 6.0 | 5.7 | 5.3 | 6.7 | 5.7 | 5.7 | 6.0 | 5.9 |
| PST-5MCMO | 6.0 | 6.3 | 7.7 | 6.7 | 6.0 | 5.3 | 6.0 | 5.7 | 5.3 | 5.7 | 6.3 | 5.9 |
| RDC | 6.0 | 7.0 | 8.3 | 6.3 | 5.3 | 6.0 | 5.3 | 6.0 | 5.7 | 6.3 | 6.0 | 5.9 |
| RHF | 6.0 | 6.3 | 7.7 | 7.0 | 6.0 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.7 | 5.9 |
| AH1 | 6.3 | 6.0 | 8.3 | 6.3 | 6.0 | 6.0 | 5.7 | 6.3 | 5.3 | 5.7 | 5.3 | 5.8 |
| DLFPS-321/3695 | 6.0 | 5.7 | 8.7 | 6.3 | 6.0 | 6.3 | 5.7 | 5.0 | 6.0 | 5.3 | 6.0 | 5.8 |
| DLFPS-321/3707 | 7.0 | 5.7 | 8.0 | 6.0 | 5.7 | 6.0 | 5.7 | 5.3 | 5.7 | 6.3 | 6.0 | 5.8 |
| GLX ACED (PST-5DART) | 6.0 | 6.7 | 8.3 | 6.3 | 6.0 | 6.0 | 5.7 | 6.0 | 6.3 | 5.0 | 5.0 | 5.8 |
| KIZZLE (K18-ROE) | 6.3 | 5.7 | 9.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.8 |
| NT-3 | 6.3 | 6.0 | 7.3 | 6.3 | 6.3 | 5.7 | 5.3 | 5.7 | 5.3 | 5.7 | 6.0 | 5.8 |
| PPG-TF 231 | 7.0 | 5.7 | 9.0 | 7.0 | 6.0 | 5.7 | 5.3 | 6.0 | 6.0 | 5.3 | 5.3 | 5.8 |
| PPG-TF 306 | 7.0 | 6.7 | 7.7 | 6.3 | 6.3 | 5.7 | 5.3 | 5.7 | 6.0 | 5.7 | 5.3 | 5.8 |
| PST-5GQ | 6.0 | 6.0 | 9.0 | 6.3 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.7 | 5.8 |
| RH1 | 6.7 | 5.7 | 8.3 | 6.3 | 6.0 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.8 |
| RH3 | 6.3 | 6.0 | 8.3 | 7.0 | 6.0 | 6.0 | 5.7 | 5.3 | 5.7 | 5.7 | 5.3 | 5.8 |
| TITAN GLX (TF445) | 6.7 | 6.7 | 7.7 | 6.3 | 6.0 | 5.7 | 5.3 | 5.7 | 6.3 | 5.3 | 5.7 | 5.8 |
| TITANIUM G-LS (PPG-TF 255) | 7.0 | 6.0 | 7.7 | 6.0 | 5.7 | 6.3 | 6.0 | 5.3 | 6.0 | 5.7 | 5.3 | 5.8 |
| BY-TF-169 | 6.3 | 6.3 | 7.7 | 6.0 | 6.0 | 6.0 | 5.3 | 5.3 | 5.7 | 6.0 | 5.3 | 5.7 |
| DLFPS-321/3679 | 6.7 | 6.3 | 8.7 | 5.7 | 5.0 | 5.3 | 5.3 | 6.3 | 6.3 | 5.3 | 6.0 | 5.7 |
| DLFPS-321/3693 | 7.0 | 6.0 | 8.7 | 6.0 | 6.0 | 5.3 | 4.7 | 6.7 | 6.0 | 5.3 | 5.7 | 5.7 |
| DLFPS-321/3706 | 6.7 | 6.7 | 8.3 | 6.0 | 5.7 | 5.7 | 5.7 | 5.0 | 6.0 | 5.7 | 6.0 | 5.7 |
| ESTRENA | 6.0 | 6.3 | 9.0 | 6.0 | 6.3 | 5.7 | 5.7 | 5.3 | 5.7 | 5.3 | 5.3 | 5.7 |
| MONUMENT (PST-5SQB) | 6.3 | 5.3 | 9.0 | 6.3 | 6.0 | 5.7 | 5.0 | 5.7 | 6.0 | 5.7 | 5.3 | 5.7 |
| MOONDANCE GLX | 5.3 | 5.7 | 9.0 | 6.0 | 5.7 | 5.3 | 5.0 | 6.7 | 6.0 | 5.3 | 5.7 | 5.7 |
| PST-5DC24 | 7.0 | 5.7 | 9.0 | 6.3 | 6.0 | 5.7 | 5.0 | 6.3 | 6.0 | 5.0 | 5.3 | 5.7 |
| 3B2 | 6.0 | 5.3 | 9.0 | 6.0 | 6.0 | 5.7 | 5.3 | 6.0 | 5.3 | 5.3 | 5.0 | 5.6 |
| ATF1768 | 6.7 | 5.0 | 8.7 | 6.3 | 5.7 | 6.0 | 5.3 | 5.7 | 5.3 | 5.0 | 5.3 | 5.6 |
| DLFPS-321/3699 | 7.3 | 5.7 | 8.0 | 6.0 | 5.7 | 5.3 | 6.0 | 5.0 | 5.7 | 5.7 | 5.3 | 5.6 |
| DLFPS-321/3708 | 7.0 | 6.0 | 8.0 | 5.7 | 6.0 | 5.3 | 5.7 | 5.0 | 6.0 | 5.7 | 5.3 | 5.6 |
| DLFPS-TF/3550 | 7.0 | 5.3 | 8.3 | 6.7 | 5.3 | 5.7 | 5.7 | 5.3 | 5.3 | 5.0 | 6.0 | 5.6 |
| GALACTIC (SESCR1) | 6.7 | 6.0 | 9.0 | 5.7 | 5.3 | 6.0 | 5.3 | 6.0 | 5.0 | 5.7 | 5.7 | 5.6 |
| OKEEFE (LTP-TF-122) | 6.3 | 5.7 | 7.3 | 6.3 | 6.0 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 5.6 |
| PADRE 2 | 6.3 | 6.0 | 9.0 | 6.3 | 5.7 | 5.3 | 5.0 | 6.0 | 6.0 | 5.7 | 5.0 | 5.6 |
| PST-5E6 | 5.3 | 5.7 | 9.0 | 6.3 | 5.3 | 5.0 | 5.3 | 5.3 | 6.3 | 5.7 | 5.3 | 5.6 |
| PST-5GLBS | 6.3 | 6.0 | 7.7 | 6.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 5.6 |
| RAD-TF105 | 7.0 | 6.0 | 9.0 | 6.0 | 5.7 | 5.3 | 5.0 | 5.7 | 6.0 | 6.0 | 5.3 | 5.6 |
| TANK (PPG-TF 338) | 7.3 | 6.0 | 8.7 | 6.0 | 6.0 | 6.0 | 5.3 | 5.0 | 5.7 | 5.3 | 5.3 | 5.6 |
| AST8218LM | 7.3 | 4.7 | 8.7 | 5.7 | 5.7 | 5.3 | 5.0 | 6.7 | 5.3 | 5.0 | 5.0 | 5.5 |
| DLFPS-321/3702 | 7.0 | 5.0 | 8.7 | 5.7 | 5.7 | 6.0 | 5.0 | 5.3 | 5.0 | 6.0 | 5.0 | 5.5 |
| GRO-PRO (SE53D2) | 6.0 | 5.3 | 8.7 | 6.0 | 5.7 | 5.3 | 5.3 | 5.7 | 6.0 | 4.7 | 5.0 | 5.5 |
| LBF | 7.0 | 5.0 | 9.0 | 6.0 | 5.7 | 5.3 | 5.0 | 6.3 | 5.3 | 5.0 | 5.3 | 5.5 |
| PARAMOUNT | 7.3 | 5.7 | 8.0 | 6.0 | 5.0 | 5.7 | 5.3 | 4.7 | 6.0 | 5.3 | 5.7 | 5.5 |
| PRO GOLD | 6.7 | 5.7 | 8.7 | 6.7 | 5.7 | 5.0 | 5.0 | 4.7 | 6.3 | 5.3 | 5.3 | 5.5 |
| PST-5DZM | 7.3 | 5.7 | 8.7 | 5.7 | 5.7 | 5.3 | 4.7 | 6.0 | 6.3 | 5.0 | 5.3 | 5.5 |
| RS1 | 6.3 | 6.0 | 8.0 | 6.3 | 6.0 | 5.3 | 5.3 | 5.7 | 5.3 | 5.0 | 5.0 | 5.5 |

TABLE 7.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT WEST LAFAYETTE, IN 1/
2021 DATA

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

| NAME | GENETIC COLOR | FALL DENSITY | PYTHIUM | APR | MAY | JUN | QUALITY RATINGS | | | | | MEAN |
|------------------------|------------------|-----------------|---------|------|------|------|-----------------|------|------|------|------|------|
| | | | | | | | JUL | AUG | SEP | OCT | NOV | |
| TOUGH (NAI-TUE) | 7.3 | 5.0 | 9.0 | 5.3 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7 | 5.3 | 5.3 | 5.5 |
| TRIAD (PPG-TF 323) | 7.0 | 5.7 | 8.3 | 5.7 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.0 | 5.5 |
| DLFPS-321/3694 | 6.7 | 5.0 | 7.7 | 5.7 | 5.3 | 5.0 | 5.3 | 6.0 | 5.3 | 5.0 | 5.7 | 5.4 |
| DLFPS-321/3703 | 6.7 | 5.3 | 9.0 | 5.3 | 5.0 | 5.7 | 5.3 | 4.3 | 6.0 | 5.7 | 5.7 | 5.4 |
| FAYETTE | 7.3 | 5.0 | 8.3 | 6.0 | 5.3 | 5.7 | 5.3 | 5.0 | 5.7 | 5.0 | 5.0 | 5.4 |
| RAPTOR III | 6.7 | 5.3 | 8.0 | 5.7 | 5.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.0 | 5.7 | 5.4 |
| TALLADEGA II (NAI-3N2) | 7.0 | 5.7 | 9.0 | 5.7 | 5.7 | 5.3 | 5.0 | 5.3 | 5.0 | 5.3 | 5.7 | 5.4 |
| COPIOUS TF | 7.0 | 4.7 | 9.0 | 6.3 | 5.3 | 5.3 | 4.7 | 6.0 | 4.7 | 5.0 | 5.3 | 5.3 |
| FAIRFIELD (SETF104) | 6.7 | 4.3 | 9.0 | 5.7 | 5.3 | 4.7 | 5.0 | 5.7 | 6.0 | 4.7 | 5.0 | 5.3 |
| GRANDE 3 | 6.7 | 5.7 | 9.0 | 5.3 | 5.0 | 4.7 | 5.0 | 6.0 | 5.7 | 5.0 | 5.7 | 5.3 |
| JT 517 | 7.0 | 5.7 | 8.7 | 5.3 | 5.7 | 5.0 | 5.0 | 5.7 | 5.7 | 5.3 | 5.0 | 5.3 |
| NAI-FQZ-17 | 7.0 | 5.0 | 9.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.3 |
| PST-5THM | 6.3 | 5.7 | 8.3 | 6.3 | 5.3 | 5.0 | 4.7 | 4.7 | 5.3 | 6.0 | 5.3 | 5.3 |
| PST-5TRN | 6.3 | 5.3 | 8.7 | 5.7 | 5.3 | 5.3 | 4.7 | 5.7 | 6.0 | 4.3 | 5.0 | 5.3 |
| TANGO | 6.7 | 5.3 | 9.0 | 5.7 | 5.3 | 4.7 | 5.0 | 6.7 | 5.7 | 4.3 | 5.3 | 5.3 |
| BANDIT | 7.0 | 5.0 | 9.0 | 5.3 | 5.0 | 6.0 | 5.0 | 5.3 | 5.3 | 5.0 | 4.7 | 5.2 |
| BGR-TF3 | 7.0 | 5.3 | 8.7 | 5.7 | 5.0 | 5.3 | 5.3 | 6.0 | 4.7 | 5.0 | 4.7 | 5.2 |
| ATF2116 | 7.7 | 5.7 | 9.0 | 6.0 | 5.7 | 5.0 | 5.0 | 4.0 | 5.3 | 5.0 | 4.7 | 5.1 |
| BULLSEYE | 7.0 | 4.7 | 9.0 | 5.7 | 5.3 | 5.0 | 4.7 | 5.0 | 5.3 | 4.3 | 5.3 | 5.1 |
| ESCALADE | 6.3 | 5.0 | 9.0 | 5.3 | 5.0 | 5.0 | 4.7 | 7.0 | 5.0 | 4.3 | 4.3 | 5.1 |
| GO-RH20 | 6.7 | 5.7 | 8.3 | 5.3 | 5.0 | 4.7 | 5.0 | 5.3 | 5.0 | 5.0 | 5.3 | 5.1 |
| GRAND PRIX (FC15-01P) | 6.7 | 5.0 | 9.0 | 5.3 | 5.7 | 4.7 | 3.7 | 6.3 | 5.3 | 4.7 | 5.0 | 5.1 |
| HEMI | 7.0 | 4.3 | 8.3 | 5.7 | 5.0 | 5.7 | 4.7 | 5.0 | 5.0 | 5.0 | 4.7 | 5.1 |
| PALOMAR | 6.7 | 4.3 | 9.0 | 5.3 | 5.3 | 5.0 | 4.3 | 6.0 | 4.7 | 5.0 | 5.0 | 5.1 |
| PST-5MINK | 6.7 | 5.3 | 9.0 | 6.0 | 5.0 | 4.7 | 5.0 | 5.7 | 5.0 | 4.7 | 5.0 | 5.1 |
| RC4 | 6.7 | 5.7 | 7.7 | 5.3 | 5.0 | 5.0 | 4.7 | 5.0 | 5.7 | 5.0 | 5.3 | 5.1 |
| SE5STAR | 6.3 | 4.7 | 9.0 | 5.7 | 5.0 | 5.3 | 5.0 | 4.7 | 5.3 | 4.7 | 5.3 | 5.1 |
| SETFM3 | 7.7 | 5.7 | 8.0 | 6.0 | 5.3 | 5.0 | 5.0 | 5.3 | 5.0 | 4.3 | 5.0 | 5.1 |
| A-TF31 | 7.3 | 4.7 | 8.7 | 5.0 | 4.7 | 5.0 | 4.7 | 6.0 | 5.7 | 4.7 | 4.7 | 5.0 |
| BIRMINGHAM | 7.3 | 4.3 | 9.0 | 5.3 | 4.7 | 5.0 | 4.7 | 6.0 | 4.7 | 4.3 | 5.0 | 5.0 |
| BRAVO 2 | 7.0 | 5.0 | 9.0 | 5.3 | 5.0 | 4.3 | 5.0 | 5.3 | 6.3 | 4.0 | 4.7 | 5.0 |
| OG-WALK | 6.7 | 4.7 | 9.0 | 5.0 | 5.0 | 4.3 | 4.7 | 6.0 | 5.3 | 4.7 | 4.7 | 5.0 |
| SETFM2 | 7.7 | 5.7 | 9.0 | 5.0 | 5.0 | 4.7 | 4.3 | 5.3 | 5.0 | 5.0 | 5.3 | 5.0 |
| BAR FA 8228 | 6.7 | 5.3 | 9.0 | 5.0 | 5.0 | 5.0 | 4.3 | 6.0 | 5.3 | 4.3 | 4.3 | 4.9 |
| AST8118LM | 7.0 | 4.7 | 9.0 | 5.7 | 5.0 | 4.7 | 4.3 | 5.7 | 4.3 | 4.0 | 4.7 | 4.8 |
| BAR-FA8230 | 6.7 | 5.0 | 9.0 | 5.3 | 4.7 | 4.3 | 5.0 | 5.7 | 4.7 | 4.3 | 4.3 | 4.8 |
| GO-AOMK | 7.0 | 5.3 | 9.0 | 5.3 | 5.0 | 5.0 | 4.7 | 5.0 | 4.7 | 4.7 | 4.0 | 4.8 |
| NATURALLY GREEN | 7.0 | 4.3 | 9.0 | 5.7 | 5.0 | 5.0 | 4.7 | 5.0 | 4.0 | 4.3 | 4.7 | 4.8 |
| RAD-TF115 (TURBO SS) | 7.7 | 3.7 | 7.3 | 4.7 | 4.0 | 4.7 | 4.0 | 6.0 | 5.3 | 4.0 | 4.7 | 4.7 |
| BAR 9FE MAS | 6.0 | 4.0 | 9.0 | 4.7 | 5.0 | 4.0 | 4.3 | 5.3 | 3.7 | 4.0 | 5.0 | 4.5 |
| KENTUCKY-31 | 4.0 | 3.3 | 9.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.3 |
| RAD-TF131 | 7.3 | 4.3 | 8.7 | 4.7 | 4.3 | 4.0 | 3.7 | 5.3 | 4.7 | 4.0 | 4.0 | 4.3 |
| LSD VALUE | 0.8 | 1.2 | 2.5 | 1.4 | 1.1 | 1.0 | 1.0 | 4.1 | 2.5 | 1.3 | 1.4 | 0.7 |
| C.V. (%) | 7.3 | 12.3 | 10.4 | 12.0 | 10.6 | 10.5 | 10.4 | 15.9 | 15.3 | 13.7 | 13.0 | 7.2 |

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

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

TABLE 8.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT MANHATTAN, KS 1/
2021 DATA

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

| NAME | APR | MAY | JUL | AUG | SEP | MEAN |
|----------------------------|-----|-----|-----|-----|-----|------|
| TITAN GLX (TF445) | 4.7 | 5.7 | 5.7 | 5.0 | 4.3 | 5.1 |
| DLFPS-321/3679 | 5.0 | 6.0 | 5.3 | 4.3 | 4.3 | 5.0 |
| K18-RS6 | 5.0 | 6.0 | 5.0 | 4.7 | 3.7 | 4.9 |
| PST-5E6 | 5.0 | 5.7 | 5.3 | 4.3 | 4.3 | 4.9 |
| RH1 | 5.0 | 5.7 | 5.0 | 4.7 | 3.7 | 4.8 |
| DYNAMITE G-LS (PPG-TF 254) | 4.0 | 5.3 | 5.3 | 4.3 | 4.3 | 4.7 |
| PPG-TF 262 | 4.7 | 5.3 | 5.3 | 4.0 | 4.0 | 4.7 |
| RDC | 4.7 | 4.7 | 5.0 | 4.7 | 4.3 | 4.7 |
| RHL2 | 4.3 | 5.7 | 5.3 | 4.3 | 3.7 | 4.7 |
| XANADU (JT 268) | 5.0 | 5.7 | 5.3 | 4.3 | 3.0 | 4.7 |
| PPG-TF 267 | 4.0 | 5.5 | 5.0 | 4.5 | 4.0 | 4.6 |
| SPYDER 2LS (ZRC1) | 4.3 | 5.7 | 5.0 | 4.3 | 3.7 | 4.6 |
| TRIAD (PPG-TF 323) | 4.0 | 5.3 | 5.0 | 4.3 | 4.3 | 4.6 |
| ZION (BAR TF 134) | 4.3 | 5.3 | 5.0 | 4.3 | 4.0 | 4.6 |
| AH2 | 4.3 | 5.0 | 5.0 | 4.3 | 3.7 | 4.5 |
| BY-TF-169 | 4.3 | 5.7 | 5.0 | 4.0 | 3.7 | 4.5 |
| DLFPS-321/3705 | 4.3 | 5.3 | 4.7 | 4.0 | 4.0 | 4.5 |
| DLFPS-TF/3550 | 4.3 | 4.7 | 5.7 | 4.3 | 3.7 | 4.5 |
| NT-3 | 4.7 | 5.0 | 5.3 | 4.3 | 3.0 | 4.5 |
| PPG-TF 316 | 4.7 | 5.0 | 5.3 | 4.0 | 3.7 | 4.5 |
| PST-5GLBS | 4.7 | 5.3 | 4.7 | 4.0 | 4.0 | 4.5 |
| PST-5MCMO | 4.3 | 5.0 | 5.3 | 3.7 | 4.0 | 4.5 |
| RHF | 4.7 | 5.3 | 5.3 | 4.0 | 3.0 | 4.5 |
| RS1 | 4.3 | 5.7 | 4.7 | 4.0 | 3.7 | 4.5 |
| SERENADE (PPG-TF 320) | 4.0 | 5.3 | 5.3 | 4.0 | 4.0 | 4.5 |
| TANK (PPG-TF 338) | 4.3 | 4.7 | 5.7 | 4.3 | 3.7 | 4.5 |
| TD2 | 4.3 | 4.7 | 5.0 | 4.3 | 4.0 | 4.5 |
| BONFIRE (JS DTT) | 4.0 | 5.3 | 4.7 | 4.0 | 4.0 | 4.4 |
| FIREHAWK SLT | 4.0 | 5.0 | 5.0 | 4.3 | 3.7 | 4.4 |
| LIFEGUARD | 4.7 | 5.3 | 5.0 | 3.7 | 3.3 | 4.4 |
| RH3 | 4.3 | 5.3 | 5.0 | 4.3 | 3.0 | 4.4 |
| STEALTH (PPG-TF 238) | 4.3 | 5.3 | 5.0 | 3.7 | 3.7 | 4.4 |
| TITANIUM G-LS (PPG-TF 255) | 4.3 | 5.0 | 5.3 | 4.0 | 3.3 | 4.4 |
| 5LSS | 4.3 | 4.3 | 5.0 | 4.3 | 3.3 | 4.3 |
| BAR-FA8230 | 4.0 | 5.0 | 4.7 | 3.7 | 4.0 | 4.3 |
| DEGAS (LTP-TF-111) | 4.7 | 5.3 | 4.7 | 4.0 | 3.0 | 4.3 |
| DLFPS-321/3696 | 4.3 | 5.0 | 5.0 | 4.0 | 3.3 | 4.3 |
| DLFPS-321/3702 | 4.3 | 6.0 | 4.3 | 3.7 | 3.0 | 4.3 |
| KIZZLE (K18-ROE) | 4.3 | 5.3 | 4.3 | 4.3 | 3.3 | 4.3 |
| PPG-TF 257 | 4.0 | 4.7 | 4.7 | 4.0 | 4.3 | 4.3 |
| PPG-TF 318 | 5.0 | 5.0 | 4.7 | 3.3 | 3.7 | 4.3 |
| PPG-TF 337 | 4.0 | 5.0 | 4.7 | 4.3 | 3.7 | 4.3 |
| RC4 | 3.7 | 5.3 | 5.0 | 3.3 | 4.0 | 4.3 |
| BAR FA 8228 | 4.3 | 4.0 | 4.3 | 4.0 | 4.3 | 4.2 |
| DLFPS-TF/3552 | 3.7 | 4.7 | 4.7 | 4.3 | 3.7 | 4.2 |

TABLE 8.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT MANHATTAN, KS 1/
2021 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | |
|--|-----|-----|-----|-----|-----|------|
| NAME | APR | MAY | JUL | AUG | SEP | MEAN |
| GALACTIC (SESCR1) | 4.0 | 4.7 | 5.0 | 4.0 | 3.3 | 4.2 |
| GO-RH20 | 3.7 | 5.0 | 4.7 | 4.3 | 3.3 | 4.2 |
| K18-WB1 | 4.0 | 4.7 | 5.0 | 4.3 | 3.0 | 4.2 |
| PST-5TRN | 4.0 | 5.0 | 4.3 | 3.7 | 4.0 | 4.2 |
| TITAN MAX (TF456) | 3.7 | 5.3 | 4.7 | 4.0 | 3.3 | 4.2 |
| DLFPS-321/3701 | 4.0 | 4.7 | 4.7 | 3.7 | 3.3 | 4.1 |
| DLFPS-TF/3553 | 4.0 | 4.7 | 4.7 | 3.3 | 3.7 | 4.1 |
| K18-NSE | 4.0 | 5.3 | 4.7 | 3.7 | 3.0 | 4.1 |
| NAI-ST5 | 4.3 | 5.0 | 4.7 | 3.7 | 2.7 | 4.1 |
| PST-5THM | 4.3 | 4.3 | 4.3 | 4.0 | 3.3 | 4.1 |
| RAPTOR LS (PPG-TF 336) | 4.0 | 5.0 | 4.7 | 3.7 | 3.3 | 4.1 |
| SYMPHONY (PPG-TF 305) | 3.7 | 4.7 | 5.0 | 3.7 | 3.7 | 4.1 |
| TEACHER (PPG-TF 313) | 4.3 | 5.0 | 4.0 | 3.7 | 3.7 | 4.1 |
| AVENGER III (PPG-TF 308) | 4.0 | 4.7 | 4.3 | 4.0 | 3.0 | 4.0 |
| DLFPS-321/3707 | 3.7 | 4.3 | 4.0 | 4.0 | 4.0 | 4.0 |
| FAIRFIELD (SETF104) | 4.3 | 4.7 | 4.0 | 3.7 | 3.3 | 4.0 |
| FIRECRACKER G-LS (PPG-TF 315) | 3.7 | 5.0 | 4.7 | 4.0 | 2.7 | 4.0 |
| GLX ACED (PST-5DART) | 4.0 | 4.3 | 4.3 | 4.0 | 3.3 | 4.0 |
| HEMI | 3.7 | 4.7 | 4.7 | 3.7 | 3.3 | 4.0 |
| KENTUCKY-31 | 4.7 | 3.3 | 3.7 | 3.7 | 4.7 | 4.0 |
| LBF | 4.3 | 5.0 | 4.3 | 3.7 | 2.7 | 4.0 |
| SETFM3 | 4.3 | 5.3 | 4.0 | 3.7 | 2.7 | 4.0 |
| ATF2116 | 5.0 | 4.5 | 3.5 | 3.0 | 3.5 | 3.9 |
| BGR-TF3 | 4.0 | 4.3 | 4.0 | 3.3 | 4.0 | 3.9 |
| BULLSEYE LTZ | 4.5 | 5.5 | 3.5 | 3.5 | 2.5 | 3.9 |
| DLFPS-321/3699 | 4.0 | 4.3 | 4.3 | 3.3 | 3.3 | 3.9 |
| DRAGSTER | 4.0 | 5.0 | 4.7 | 3.7 | 2.3 | 3.9 |
| NATURALLY GREEN | 4.7 | 4.7 | 4.0 | 3.0 | 3.3 | 3.9 |
| PST-5MINK | 4.0 | 4.3 | 4.0 | 3.7 | 3.3 | 3.9 |
| RAPTOR III | 4.3 | 5.0 | 4.0 | 3.3 | 3.0 | 3.9 |
| TMT1 | 4.3 | 4.3 | 4.7 | 3.7 | 2.7 | 3.9 |
| COL-TF-148 | 3.7 | 4.3 | 4.3 | 3.3 | 3.3 | 3.8 |
| DLFPS-321/3706 | 3.7 | 4.3 | 4.0 | 4.0 | 3.0 | 3.8 |
| FIRENZA II (PPG-TF 244) | 4.3 | 4.7 | 3.7 | 3.0 | 3.3 | 3.8 |
| OKEEFE (LTP-TF-122) | 4.0 | 4.3 | 4.0 | 3.7 | 3.0 | 3.8 |
| PPG-TF 249 | 4.0 | 4.0 | 4.3 | 3.7 | 3.0 | 3.8 |
| PST-5GQ | 4.0 | 4.3 | 4.0 | 3.0 | 3.7 | 3.8 |
| 3N1 | 4.0 | 4.3 | 4.0 | 3.0 | 3.3 | 3.7 |
| ATF1768 | 4.0 | 4.3 | 4.3 | 3.3 | 2.3 | 3.7 |
| ESCALADE | 4.3 | 3.7 | 3.3 | 3.7 | 3.7 | 3.7 |
| GRANDE 3 | 4.0 | 3.7 | 4.0 | 3.3 | 3.3 | 3.7 |
| NAI-FQZ-17 | 4.0 | 5.0 | 4.0 | 3.0 | 2.7 | 3.7 |
| PALOMAR | 4.0 | 4.0 | 4.0 | 3.3 | 3.3 | 3.7 |
| PARAMOUNT | 4.3 | 4.0 | 4.7 | 2.7 | 3.0 | 3.7 |
| PPG-TF 306 | 4.7 | 4.7 | 4.0 | 2.7 | 2.3 | 3.7 |

TABLE 8.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT MANHATTAN, KS 1/
2021 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | |
|--|------|------|------|------|------|------|
| NAME | APR | MAY | JUL | AUG | SEP | MEAN |
| PPG-TF 312 | 4.0 | 4.3 | 4.0 | 3.3 | 3.0 | 3.7 |
| PRO GOLD | 4.3 | 5.3 | 3.3 | 3.0 | 2.7 | 3.7 |
| PST-5BYOB | 4.0 | 4.3 | 4.0 | 3.0 | 3.0 | 3.7 |
| 3B2 | 4.3 | 4.7 | 3.3 | 3.3 | 2.3 | 3.6 |
| BIRMINGHAM | 4.3 | 4.3 | 4.0 | 3.0 | 2.3 | 3.6 |
| DLFPS-321/3695 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.6 |
| NAI-ROS4 | 3.7 | 4.0 | 4.0 | 3.3 | 3.0 | 3.6 |
| PST-5DC24 | 4.0 | 5.0 | 3.3 | 2.7 | 3.0 | 3.6 |
| PST-5DZM | 3.7 | 4.3 | 3.7 | 3.3 | 3.0 | 3.6 |
| RAD-TF105 | 4.0 | 4.7 | 4.3 | 3.0 | 2.0 | 3.6 |
| RAD-TF131 | 4.0 | 4.0 | 3.3 | 3.3 | 3.3 | 3.6 |
| AH1 | 3.3 | 4.0 | 4.0 | 3.3 | 3.0 | 3.5 |
| AST8118LM | 4.0 | 4.3 | 4.0 | 2.7 | 2.3 | 3.5 |
| BAR 9FE MAS | 4.0 | 4.7 | 3.7 | 2.3 | 2.7 | 3.5 |
| BRAVO 2 | 4.3 | 3.7 | 4.0 | 3.0 | 2.3 | 3.5 |
| BULLSEYE | 3.7 | 4.3 | 4.0 | 3.0 | 2.7 | 3.5 |
| DLFPS-321/3703 | 4.0 | 4.0 | 4.0 | 3.0 | 2.3 | 3.5 |
| JT 517 | 4.0 | 3.7 | 3.7 | 3.0 | 3.0 | 3.5 |
| OG-WALK | 4.0 | 3.7 | 3.3 | 3.3 | 3.0 | 3.5 |
| SE5STAR | 4.3 | 4.3 | 4.0 | 2.7 | 2.0 | 3.5 |
| TOUGH (NAI-TUE) | 4.0 | 4.0 | 3.3 | 3.7 | 2.7 | 3.5 |
| BANDIT | 4.0 | 4.0 | 3.3 | 2.7 | 3.0 | 3.4 |
| ESTRENA | 3.7 | 4.0 | 3.3 | 3.0 | 3.0 | 3.4 |
| JT 233 | 4.0 | 4.3 | 3.7 | 2.7 | 2.3 | 3.4 |
| A-TF31 | 4.0 | 3.7 | 3.7 | 2.7 | 2.7 | 3.3 |
| DLFPS-321/3708 | 3.3 | 4.3 | 3.3 | 3.3 | 2.3 | 3.3 |
| GRAND PRIX (FC15-01P) | 3.7 | 3.3 | 3.7 | 2.7 | 3.0 | 3.3 |
| GRO-PRO (SE53D2) | 3.7 | 3.3 | 3.3 | 2.7 | 3.3 | 3.3 |
| PADRE 2 | 3.5 | 4.0 | 3.5 | 3.5 | 2.0 | 3.3 |
| TALLADEGA II (NAI-3N2) | 4.0 | 4.3 | 3.0 | 2.7 | 2.3 | 3.3 |
| TANGO | 4.0 | 3.3 | 3.7 | 2.7 | 3.0 | 3.3 |
| AST8218LM | 4.0 | 4.3 | 3.3 | 2.7 | 1.7 | 3.2 |
| COPIOUS TF | 4.0 | 3.7 | 3.3 | 2.7 | 2.3 | 3.2 |
| FAYETTE | 4.0 | 3.3 | 3.3 | 3.0 | 2.3 | 3.2 |
| RAD-TF115 (TURBO SS) | 3.3 | 4.0 | 3.3 | 3.0 | 2.3 | 3.2 |
| DLFPS-321/3693 | 4.0 | 4.3 | 3.0 | 2.3 | 2.0 | 3.1 |
| MONUMENT (PST-5SQB) | 3.7 | 3.7 | 3.3 | 2.3 | 2.7 | 3.1 |
| MOONDANCE GLX | 3.0 | 3.7 | 3.0 | 3.3 | 2.7 | 3.1 |
| SETFM2 | 3.7 | 4.0 | 3.7 | 2.3 | 2.0 | 3.1 |
| GO-AOMK | 3.7 | 4.0 | 3.3 | 2.0 | 2.0 | 3.0 |
| PPG-TF 231 | 3.5 | 3.5 | 3.0 | 2.5 | 2.5 | 3.0 |
| DLFPS-321/3694 | 3.3 | 3.3 | 3.0 | 2.0 | 2.3 | 2.8 |
| LSD VALUE | 1.3 | 1.8 | 1.4 | 1.6 | 2.6 | 1.0 |
| C.V. (%) | 13.0 | 17.9 | 17.5 | 22.1 | 29.2 | 13.3 |

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 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2021 DATA

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

| NAME | WEAR TOLERANCE RATINGS | | | QUALITY RATINGS | | | | | | | | | MEAN |
|------------------------|------------------------|------|---------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | MAY | JULY | OCTOBER | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | |
| DRAGSTER | 5.3 | 5.3 | 5.0 | 6.3 | 6.7 | 6.7 | 5.7 | 5.7 | 6.7 | 6.7 | 5.7 | 6.3 | |
| BONFIRE (JS DTT) | 5.0 | 4.7 | 4.7 | 6.3 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.7 | 5.3 | 6.1 | |
| DLFPS-321/3679 | 5.0 | 5.3 | 4.3 | 6.3 | 6.0 | 6.7 | 5.7 | 6.0 | 6.7 | 6.3 | 5.3 | 6.1 | |
| PPG-TF 306 | 5.3 | 5.7 | 5.7 | 6.0 | 5.3 | 6.3 | 6.3 | 6.0 | 6.7 | 6.7 | 5.7 | 6.1 | |
| TRIAD (PPG-TF 323) | 5.3 | 5.3 | 4.3 | 6.3 | 6.3 | 6.0 | 5.7 | 6.3 | 6.7 | 6.0 | 5.3 | 6.1 | |
| DEGAS (LTP-TF-111) | 5.7 | 5.7 | 5.3 | 5.7 | 6.3 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | |
| NAI-ROS4 | 5.7 | 6.0 | 5.7 | 5.3 | 5.7 | 6.3 | 5.7 | 6.7 | 6.0 | 7.0 | 5.7 | 6.0 | |
| PARAMOUNT | 5.7 | 5.7 | 5.7 | 6.0 | 5.3 | 6.3 | 6.3 | 6.0 | 6.3 | 6.0 | 5.7 | 6.0 | |
| RC4 | 4.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 5.3 | 6.0 | |
| RHL2 | 5.7 | 6.0 | 5.3 | 5.3 | 5.7 | 6.3 | 6.3 | 6.3 | 6.0 | 6.3 | 5.7 | 6.0 | |
| TMT1 | 6.0 | 6.3 | 5.3 | 6.0 | 5.7 | 6.3 | 5.7 | 6.3 | 6.0 | 6.3 | 5.3 | 6.0 | |
| 5LSS | 5.3 | 5.7 | 4.3 | 6.3 | 5.0 | 5.3 | 6.3 | 6.7 | 6.0 | 6.3 | 5.3 | 5.9 | |
| AH1 | 6.3 | 6.0 | 6.3 | 6.0 | 5.0 | 6.0 | 5.7 | 6.3 | 6.3 | 6.3 | 5.7 | 5.9 | |
| BULLSEYE LTZ | 5.7 | 5.3 | 5.0 | 5.7 | 5.3 | 6.7 | 6.0 | 6.0 | 6.3 | 6.0 | 5.0 | 5.9 | |
| DLFPS-TF/3552 | 5.0 | 5.0 | 5.0 | 5.7 | 5.3 | 6.3 | 5.7 | 5.7 | 6.3 | 6.3 | 5.7 | 5.9 | |
| JT 233 | 5.3 | 5.3 | 5.0 | 6.3 | 5.7 | 6.3 | 6.0 | 6.0 | 5.7 | 6.0 | 5.0 | 5.9 | |
| K18-RS6 | 5.3 | 5.0 | 4.3 | 6.3 | 5.7 | 6.0 | 6.3 | 6.3 | 5.3 | 6.3 | 4.7 | 5.9 | |
| NT-3 | 6.0 | 5.7 | 5.0 | 6.3 | 6.0 | 5.7 | 5.3 | 6.0 | 6.0 | 6.7 | 5.0 | 5.9 | |
| PPG-TF 249 | 5.3 | 5.3 | 5.0 | 6.0 | 6.7 | 6.0 | 5.7 | 5.3 | 6.0 | 5.7 | 5.7 | 5.9 | |
| PPG-TF 262 | 4.7 | 5.7 | 5.3 | 6.3 | 5.3 | 6.0 | 5.3 | 6.7 | 6.3 | 5.7 | 5.3 | 5.9 | |
| PPG-TF 316 | 5.7 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 5.3 | 6.3 | 6.0 | 6.3 | 5.0 | 5.9 | |
| PPG-TF 318 | 5.3 | 5.7 | 5.0 | 6.7 | 5.3 | 6.3 | 5.3 | 6.3 | 6.3 | 5.7 | 5.3 | 5.9 | |
| RH1 | 5.0 | 6.3 | 5.3 | 6.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 5.9 | |
| SPYDER 2LS (ZRC1) | 5.7 | 6.0 | 5.7 | 6.0 | 5.0 | 5.3 | 6.3 | 6.0 | 6.7 | 6.3 | 5.3 | 5.9 | |
| STEALTH (PPG-TF 238) | 4.7 | 5.3 | 4.3 | 6.3 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.3 | 5.3 | 5.9 | |
| DLFPS-321/3696 | 5.3 | 5.3 | 5.0 | 5.7 | 5.3 | 6.3 | 5.3 | 6.0 | 6.0 | 6.7 | 4.7 | 5.8 | |
| DLFPS-321/3699 | 5.0 | 5.3 | 4.3 | 5.7 | 5.3 | 6.0 | 5.7 | 6.7 | 6.0 | 6.3 | 5.0 | 5.8 | |
| GALACTIC (SESCR1) | 5.7 | 5.3 | 4.3 | 6.3 | 5.3 | 5.7 | 5.0 | 6.0 | 6.3 | 6.0 | 5.3 | 5.8 | |
| PPG-TF 231 | 5.3 | 5.7 | 6.0 | 5.7 | 5.3 | 6.0 | 5.7 | 6.3 | 6.0 | 6.3 | 4.7 | 5.8 | |
| PRO GOLD | 5.7 | 5.7 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.0 | 5.8 | |
| RAPTOR LS (PPG-TF 336) | 6.3 | 6.0 | 5.7 | 5.3 | 6.0 | 5.7 | 6.3 | 5.7 | 6.7 | 6.0 | 5.0 | 5.8 | |
| RH3 | 5.7 | 6.0 | 5.0 | 5.3 | 6.0 | 5.3 | 5.3 | 6.0 | 6.3 | 6.7 | 5.3 | 5.8 | |
| SYMPHONY (PPG-TF 305) | 4.7 | 5.0 | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 6.3 | 6.0 | 6.3 | 5.3 | 5.8 | |
| TANK (PPG-TF 338) | 5.0 | 5.7 | 4.7 | 6.0 | 5.7 | 6.3 | 5.7 | 5.7 | 6.0 | 6.0 | 5.0 | 5.8 | |
| XANADU (JT 268) | 5.7 | 6.0 | 5.7 | 5.3 | 5.7 | 6.0 | 5.3 | 6.0 | 6.3 | 6.0 | 6.0 | 5.8 | |
| AH2 | 5.3 | 6.0 | 5.7 | 5.7 | 5.3 | 5.7 | 5.0 | 6.0 | 6.3 | 6.0 | 5.3 | 5.7 | |
| DLFPS-321/3694 | 6.0 | 5.7 | 5.0 | 5.3 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 5.3 | 5.7 | |
| DLFPS-321/3703 | 5.7 | 4.7 | 4.3 | 6.0 | 5.3 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.0 | 5.7 | |
| DLFPS-TF/3553 | 5.7 | 5.3 | 5.0 | 6.0 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 5.0 | 5.7 | |
| ESTRENA | 5.7 | 5.7 | 5.0 | 5.3 | 6.3 | 5.7 | 5.0 | 6.0 | 6.3 | 5.7 | 5.3 | 5.7 | |
| K18-WB1 | 6.3 | 5.3 | 5.0 | 5.7 | 5.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.3 | 5.7 | |
| OKEEFE (LTP-TF-122) | 5.3 | 5.7 | 5.0 | 5.7 | 5.3 | 6.0 | 5.7 | 5.3 | 6.3 | 5.7 | 5.7 | 5.7 | |
| PST-5GLBS | 4.7 | 5.0 | 4.3 | 5.7 | 5.7 | 6.0 | 5.3 | 5.7 | 5.7 | 6.0 | 5.7 | 5.7 | |
| RAD-TF105 | 5.0 | 5.7 | 5.7 | 5.7 | 5.3 | 6.3 | 5.3 | 5.3 | 6.3 | 6.3 | 5.0 | 5.7 | |
| DLFPS-321/3702 | 6.0 | 5.7 | 5.0 | 5.3 | 5.3 | 6.0 | 5.3 | 5.7 | 6.0 | 6.0 | 5.3 | 5.6 | |

TABLE 9.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2021 DATA

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

| NAME | WEAR TOLERANCE RATINGS | | | QUALITY RATINGS | | | | | | | | |
|-------------------------------|------------------------|------|---------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | MAY | JULY | OCTOBER | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| DLFPS-321/3707 | 4.7 | 5.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.0 | 5.6 |
| DLFPS-TF/3550 | 5.3 | 5.7 | 5.7 | 5.0 | 5.7 | 6.0 | 5.3 | 5.0 | 6.0 | 6.0 | 5.7 | 5.6 |
| GO-RH20 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 6.0 | 5.3 | 6.3 | 6.0 | 5.3 | 5.0 | 5.6 |
| GRANDE 3 | 5.3 | 5.7 | 5.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 6.0 | 5.7 | 5.6 |
| HEMI | 5.3 | 5.3 | 5.3 | 5.7 | 5.3 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 4.7 | 5.6 |
| NATURALLY GREEN | 5.7 | 5.0 | 4.7 | 5.7 | 6.0 | 5.7 | 5.3 | 5.7 | 6.0 | 5.7 | 5.0 | 5.6 |
| PPG-TF 267 | 5.3 | 5.3 | 5.0 | 5.3 | 5.3 | 5.7 | 6.0 | 6.0 | 5.7 | 6.0 | 5.0 | 5.6 |
| PPG-TF 337 | 5.3 | 5.3 | 5.0 | 6.3 | 5.7 | 5.3 | 5.0 | 5.3 | 6.0 | 6.0 | 5.3 | 5.6 |
| TALLADEGA II (NAI-3N2) | 5.7 | 5.3 | 5.3 | 6.0 | 5.7 | 5.0 | 5.3 | 5.7 | 6.3 | 6.0 | 5.0 | 5.6 |
| TITAN MAX (TF456) | 5.0 | 4.7 | 5.0 | 5.3 | 5.0 | 5.3 | 5.7 | 6.3 | 6.0 | 6.3 | 4.7 | 5.6 |
| ZION (BAR TF 134) | 5.7 | 5.0 | 4.7 | 5.3 | 5.7 | 5.0 | 6.3 | 5.3 | 6.0 | 6.0 | 5.0 | 5.6 |
| BGR-TF3 | 6.0 | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 5.0 | 6.0 | 5.7 | 5.0 | 5.5 |
| COL-TF-148 | 5.7 | 6.0 | 5.7 | 5.7 | 5.3 | 6.0 | 5.7 | 6.0 | 5.3 | 5.7 | 4.7 | 5.5 |
| DLFPS-321/3693 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 6.0 | 6.0 | 6.0 | 5.0 | 5.5 |
| DLFPS-321/3701 | 5.7 | 5.7 | 5.0 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 | 5.5 |
| DLFPS-321/3705 | 5.0 | 5.0 | 5.3 | 4.7 | 5.7 | 6.0 | 6.0 | 5.3 | 6.0 | 5.3 | 5.0 | 5.5 |
| DYNAMITE G-LS (PPG-TF 254) | 5.0 | 5.7 | 5.3 | 6.0 | 5.3 | 6.0 | 5.3 | 6.0 | 5.7 | 5.3 | 4.7 | 5.5 |
| FAIRFIELD (SETF104) | 5.0 | 5.3 | 5.0 | 6.3 | 5.0 | 5.7 | 5.7 | 5.7 | 5.3 | 6.0 | 4.7 | 5.5 |
| FIRENZA II (PPG-TF 244) | 5.7 | 6.0 | 5.7 | 5.3 | 5.3 | 5.7 | 5.3 | 6.3 | 6.0 | 5.3 | 5.0 | 5.5 |
| GRO-PRO (SE53D2) | 5.7 | 6.3 | 5.3 | 5.7 | 5.3 | 5.0 | 4.7 | 6.0 | 6.0 | 6.3 | 4.7 | 5.5 |
| JT 517 | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 5.3 | 5.5 |
| K18-NSE | 6.3 | 5.7 | 4.7 | 5.0 | 4.7 | 5.3 | 5.3 | 6.0 | 6.0 | 6.3 | 5.3 | 5.5 |
| LIFEGUARD | 5.3 | 5.7 | 5.7 | 5.0 | 5.3 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 5.0 | 5.5 |
| PPG-TF 257 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.7 | 6.0 | 5.3 | 5.7 | 5.7 | 5.3 | 5.5 |
| PST-5BYOB | 6.7 | 5.3 | 5.3 | 5.0 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 6.3 | 5.0 | 5.5 |
| RDC | 5.3 | 5.7 | 4.7 | 5.0 | 5.3 | 6.0 | 5.3 | 5.7 | 5.7 | 6.0 | 5.3 | 5.5 |
| RHF | 5.7 | 5.7 | 5.0 | 4.7 | 5.7 | 5.7 | 5.3 | 5.7 | 6.7 | 5.7 | 4.3 | 5.5 |
| RS1 | 6.0 | 5.7 | 5.3 | 5.3 | 5.3 | 5.7 | 5.3 | 5.3 | 6.7 | 5.3 | 4.7 | 5.5 |
| SE5STAR | 5.0 | 5.3 | 4.7 | 6.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 4.7 | 5.5 |
| SERENADE (PPG-TF 320) | 4.7 | 5.3 | 4.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 5.5 |
| SETFM3 | 6.0 | 5.3 | 5.0 | 5.0 | 5.3 | 5.3 | 5.7 | 5.3 | 6.3 | 5.7 | 5.7 | 5.5 |
| TD2 | 5.3 | 5.7 | 5.3 | 6.0 | 5.3 | 5.7 | 5.3 | 5.7 | 5.3 | 6.0 | 5.0 | 5.5 |
| TITANIUM G-LS (PPG-TF 255) | 5.0 | 5.3 | 5.0 | 5.0 | 5.0 | 5.7 | 5.3 | 5.3 | 6.3 | 5.7 | 5.3 | 5.5 |
| ATF1768 | 5.0 | 5.3 | 4.3 | 5.0 | 5.7 | 5.3 | 5.3 | 6.0 | 5.7 | 5.7 | 4.7 | 5.4 |
| AVENGER III (PPG-TF 308) | 5.7 | 6.0 | 5.7 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.0 | 5.4 |
| BULLSEYE | 5.3 | 5.0 | 5.3 | 5.7 | 5.3 | 5.3 | 5.3 | 5.7 | 5.3 | 5.7 | 5.0 | 5.4 |
| BY-TF-169 | 6.3 | 6.3 | 6.3 | 5.0 | 5.0 | 5.3 | 6.0 | 5.3 | 5.7 | 5.3 | 5.3 | 5.4 |
| COPIOUS TF | 5.7 | 5.3 | 4.7 | 5.3 | 5.0 | 5.7 | 5.3 | 5.3 | 6.0 | 5.3 | 5.3 | 5.4 |
| FIRECRACKER G-LS (PPG-TF 315) | 5.0 | 5.0 | 6.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 6.0 | 6.0 | 5.0 | 5.4 |
| FIREHAWK SLT | 5.0 | 6.0 | 5.7 | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 6.0 | 5.3 | 5.0 | 5.4 |
| KIZZLE (K18-ROE) | 5.0 | 5.7 | 5.3 | 5.0 | 5.0 | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.4 |
| NAI-ST5 | 5.0 | 5.3 | 5.3 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 | 6.0 | 5.7 | 5.0 | 5.4 |
| PST-5GQ | 5.0 | 5.3 | 4.3 | 5.3 | 5.3 | 5.7 | 5.7 | 6.0 | 5.3 | 5.3 | 4.7 | 5.4 |
| TITAN GLX (TF445) | 5.3 | 5.3 | 4.3 | 5.3 | 5.0 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | 4.7 | 5.4 |
| 3B2 | 5.3 | 5.3 | 4.3 | 5.3 | 5.0 | 5.7 | 5.3 | 5.3 | 5.0 | 6.0 | 5.0 | 5.3 |

TABLE 9.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2021 DATA

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

| NAME | WEAR TOLERANCE RATINGS | | | QUALITY RATINGS | | | | | | | | | MEAN |
|-----------------------|------------------------|------|---------|-----------------|------|-----|-----|-----|-----|-----|-----|-----|------|
| | MAY | JULY | OCTOBER | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | |
| 3N1 | 6.0 | 5.3 | 5.7 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3 | 5.3 | 6.0 | 5.3 | 5.3 | |
| A-TF31 | 5.3 | 5.0 | 4.3 | 5.7 | 5.0 | 5.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.0 | 5.3 | |
| BANDIT | 6.7 | 6.0 | 6.7 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 6.0 | 5.7 | 5.0 | 5.3 | |
| BIRMINGHAM | 5.0 | 5.3 | 5.0 | 5.7 | 5.0 | 5.3 | 5.3 | 5.3 | 5.7 | 5.3 | 5.0 | 5.3 | |
| DLFPS-321/3695 | 5.3 | 5.7 | 5.7 | 5.3 | 5.0 | 5.7 | 5.3 | 5.0 | 5.3 | 6.0 | 5.0 | 5.3 | |
| DLFPS-321/3706 | 5.3 | 5.0 | 4.7 | 5.0 | 4.7 | 5.0 | 5.3 | 5.3 | 6.3 | 5.3 | 5.0 | 5.3 | |
| DLFPS-321/3708 | 4.7 | 5.3 | 4.7 | 5.0 | 5.0 | 5.7 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | |
| ESCALADE | 5.7 | 5.3 | 5.0 | 5.3 | 5.3 | 5.7 | 5.3 | 5.3 | 5.3 | 5.7 | 4.7 | 5.3 | |
| FAYETTE | 6.0 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 5.3 | 5.7 | 6.0 | 5.7 | 5.0 | 5.3 | |
| GLX ACED (PST-5DART) | 5.0 | 5.3 | 4.7 | 5.3 | 5.0 | 5.7 | 5.3 | 5.0 | 5.7 | 5.7 | 4.3 | 5.3 | |
| PADRE 2 | 5.3 | 5.7 | 5.0 | 5.3 | 5.0 | 5.7 | 4.7 | 5.3 | 5.7 | 5.7 | 4.7 | 5.3 | |
| PST-5DC24 | 5.3 | 5.7 | 5.0 | 4.7 | 5.0 | 5.3 | 5.7 | 5.7 | 5.3 | 6.0 | 5.0 | 5.3 | |
| PST-5DZM | 5.7 | 4.7 | 4.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.3 | 5.7 | 4.7 | 5.3 | |
| TEACHER (PPG-TF 313) | 5.7 | 5.3 | 5.0 | 5.3 | 4.7 | 5.3 | 5.7 | 5.0 | 6.0 | 5.7 | 5.0 | 5.3 | |
| TOUGH (NAI-TUE) | 5.7 | 5.3 | 6.0 | 5.0 | 5.3 | 5.7 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | |
| MONUMENT (PST-5SQB) | 6.0 | 5.7 | 5.3 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3 | 5.0 | 5.7 | 5.0 | 5.2 | |
| PST-5MINK | 4.3 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3 | 5.0 | 5.7 | 5.3 | 5.3 | 4.3 | 5.2 | |
| RAPTOR III | 5.3 | 5.0 | 5.7 | 4.7 | 4.3 | 5.7 | 5.3 | 5.7 | 5.7 | 5.3 | 5.0 | 5.2 | |
| LBF | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 5.0 | 5.3 | 4.7 | 5.7 | 5.0 | 5.3 | 5.1 | |
| PST-5E6 | 5.0 | 5.7 | 5.0 | 5.7 | 5.3 | 5.7 | 4.7 | 5.3 | 4.7 | 5.3 | 4.0 | 5.1 | |
| PST-5MCMO | 6.0 | 5.0 | 5.0 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 5.3 | 5.3 | 4.7 | 5.1 | |
| PST-5THM | 5.7 | 5.0 | 5.0 | 4.7 | 5.0 | 5.7 | 5.0 | 5.3 | 5.3 | 5.3 | 4.3 | 5.1 | |
| SETFM2 | 6.0 | 5.3 | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 5.1 | |
| AST8118LM | 5.3 | 5.3 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | |
| BAR-FA8230 | 5.7 | 5.3 | 5.3 | 5.0 | 4.7 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 | 4.0 | 5.0 | |
| GRAND PRIX (FC15-01P) | 5.7 | 5.3 | 4.7 | 5.3 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 4.7 | 5.0 | |
| MOONDANCE GLX | 5.3 | 5.0 | 5.0 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 4.7 | 5.3 | 4.0 | 5.0 | |
| NAI-FQZ-17 | 5.3 | 5.3 | 4.7 | 4.3 | 4.7 | 5.0 | 4.7 | 5.3 | 6.0 | 5.0 | 4.7 | 5.0 | |
| PPG-TF 312 | 5.0 | 5.0 | 5.0 | 6.0 | 4.3 | 5.3 | 4.3 | 5.0 | 5.3 | 5.7 | 4.3 | 5.0 | |
| PST-5TRN | 5.7 | 5.3 | 5.7 | 4.7 | 4.7 | 5.3 | 5.0 | 4.7 | 5.3 | 5.7 | 5.0 | 5.0 | |
| RAD-TF115 (TURBO SS) | 5.7 | 5.3 | 5.3 | 4.7 | 5.0 | 5.3 | 5.0 | 5.0 | 5.3 | 5.3 | 4.7 | 5.0 | |
| RAD-TF131 | 5.0 | 5.0 | 4.7 | 4.7 | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 4.3 | 5.0 | |
| TANGO | 4.7 | 5.0 | 4.3 | 5.3 | 5.0 | 5.3 | 4.3 | 5.3 | 5.0 | 5.3 | 4.3 | 5.0 | |
| ATF2116 | 5.0 | 4.7 | 4.3 | 4.7 | 5.0 | 5.3 | 4.7 | 5.0 | 5.3 | 5.0 | 4.3 | 4.9 | |
| BRAVO 2 | 5.3 | 5.3 | 5.0 | 5.0 | 5.0 | 5.3 | 4.7 | 5.3 | 4.3 | 5.3 | 4.3 | 4.9 | |
| GO-AOMK | 5.3 | 5.7 | 5.3 | 4.7 | 4.3 | 5.0 | 5.0 | 5.3 | 5.0 | 5.3 | 4.3 | 4.9 | |
| PALOMAR | 4.7 | 5.0 | 4.3 | 4.7 | 5.3 | 5.0 | 4.3 | 5.7 | 5.0 | 4.7 | 4.3 | 4.9 | |
| AST8218LM | 5.0 | 5.3 | 4.0 | 4.7 | 4.7 | 5.0 | 4.7 | 5.0 | 4.7 | 5.0 | 4.3 | 4.8 | |
| BAR FA 8228 | 5.0 | 5.0 | 4.3 | 4.3 | 4.3 | 4.7 | 4.7 | 4.7 | 4.7 | 5.0 | 4.3 | 4.6 | |
| OG-WALK | 5.3 | 5.3 | 4.0 | 4.7 | 4.7 | 5.0 | 4.0 | 5.0 | 4.7 | 5.0 | 4.0 | 4.6 | |
| BAR 9FE MAS | 5.0 | 4.7 | 4.0 | 4.7 | 4.3 | 4.7 | 4.3 | 4.3 | 4.7 | 5.0 | 4.3 | 4.5 | |
| KENTUCKY-31 | 4.0 | 3.3 | 3.0 | 3.3 | 2.0 | 3.3 | 3.0 | 3.7 | 3.0 | 3.3 | 3.0 | 3.1 | |
| LSD VALUE | 1.5 | 1.0 | 1.3 | 1.2 | 1.0 | 1.1 | 0.9 | 0.8 | 1.0 | 0.8 | 0.7 | 0.5 | |
| C.V. (%) | 11.8 | 9.2 | 12.9 | 11.6 | 10.4 | 9.8 | 9.8 | 8.4 | 9.8 | 8.0 | 8.2 | 6.0 | |

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 10.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT COLLEGE PARK, MD 1/
2021 DATA

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

| NAME | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| RAPTOR LS (PPG-TF 336) | 8.0 | 7.7 | 7.7 | 7.3 | 6.7 | 7.0 | 7.7 | 7.0 | 7.4 |
| AH2 | 8.0 | 7.3 | 7.3 | 7.3 | 6.3 | 7.0 | 8.0 | 7.3 | 7.3 |
| BY-TF-169 | 8.3 | 7.7 | 7.3 | 7.0 | 5.7 | 7.7 | 7.3 | 7.0 | 7.3 |
| PPG-TF 262 | 8.3 | 7.7 | 7.3 | 7.3 | 5.3 | 6.7 | 8.0 | 7.3 | 7.3 |
| TITANIUM G-LS (PPG-TF 255) | 8.0 | 7.0 | 7.7 | 7.7 | 5.7 | 7.3 | 7.7 | 7.0 | 7.3 |
| PPG-TF 337 | 8.0 | 7.7 | 7.3 | 7.3 | 5.0 | 7.0 | 7.7 | 7.3 | 7.2 |
| RHL2 | 8.0 | 7.3 | 7.3 | 7.0 | 5.7 | 7.0 | 7.7 | 7.7 | 7.2 |
| ZION (BAR TF 134) | 8.0 | 7.0 | 7.3 | 7.7 | 5.7 | 7.3 | 7.3 | 7.0 | 7.2 |
| FIRECRACKER G-LS (PPG-TF 315) | 8.0 | 7.3 | 7.3 | 7.0 | 6.0 | 7.0 | 7.3 | 7.0 | 7.1 |
| SPYDER 2LS (ZRC1) | 8.0 | 7.3 | 7.3 | 7.3 | 5.0 | 7.3 | 7.3 | 7.0 | 7.1 |
| AVENGER III (PPG-TF 308) | 7.7 | 7.0 | 7.3 | 7.3 | 5.3 | 6.7 | 7.0 | 7.3 | 7.0 |
| BONFIRE (JS DTT) | 8.0 | 7.7 | 7.3 | 7.0 | 4.3 | 7.0 | 7.3 | 7.0 | 7.0 |
| DEGAS (LTP-TF-111) | 7.7 | 7.3 | 7.3 | 6.7 | 5.0 | 7.0 | 8.0 | 7.0 | 7.0 |
| DLFPS-321/3705 | 8.0 | 7.7 | 7.3 | 6.7 | 5.0 | 6.7 | 7.7 | 7.0 | 7.0 |
| DLFPS-321/3706 | 7.7 | 7.7 | 7.0 | 6.3 | 4.7 | 7.0 | 8.0 | 7.3 | 7.0 |
| DYNAMITE G-LS (PPG-TF 254) | 7.7 | 7.3 | 7.3 | 7.0 | 5.3 | 6.7 | 7.3 | 7.3 | 7.0 |
| K18-RS6 | 8.0 | 8.0 | 7.3 | 6.3 | 5.3 | 7.0 | 7.3 | 7.0 | 7.0 |
| LIFEGUARD | 8.3 | 7.3 | 7.0 | 6.0 | 5.7 | 7.0 | 7.3 | 7.0 | 7.0 |
| PPG-TF 267 | 8.0 | 8.0 | 7.7 | 7.3 | 3.7 | 6.3 | 7.7 | 7.0 | 7.0 |
| PPG-TF 316 | 8.0 | 7.7 | 7.0 | 6.7 | 4.7 | 6.7 | 8.0 | 7.0 | 7.0 |
| PPG-TF 318 | 8.0 | 7.3 | 7.3 | 6.7 | 4.7 | 7.3 | 7.3 | 7.0 | 7.0 |
| RAD-TF105 | 8.0 | 7.0 | 7.0 | 7.0 | 4.7 | 7.3 | 7.7 | 7.0 | 7.0 |
| SERENADE (PPG-TF 320) | 7.7 | 7.0 | 7.0 | 7.0 | 5.7 | 6.3 | 7.7 | 7.3 | 7.0 |
| TEACHER (PPG-TF 313) | 8.0 | 7.0 | 7.3 | 7.0 | 5.7 | 6.7 | 7.7 | 7.0 | 7.0 |
| XANADU (JT 268) | 8.0 | 7.3 | 7.0 | 6.7 | 5.7 | 6.7 | 7.7 | 7.0 | 7.0 |
| COL-TF-148 | 7.7 | 7.3 | 7.0 | 7.0 | 5.0 | 6.7 | 7.7 | 7.0 | 6.9 |
| DLFPS-321/3693 | 8.0 | 7.0 | 7.0 | 6.7 | 5.0 | 7.0 | 7.3 | 7.0 | 6.9 |
| DLFPS-321/3694 | 8.0 | 7.3 | 7.0 | 6.3 | 5.7 | 6.7 | 7.3 | 7.0 | 6.9 |
| FIREHAWK SLT | 7.3 | 7.0 | 7.3 | 7.0 | 5.3 | 7.0 | 7.0 | 7.0 | 6.9 |
| GRANDE 3 | 8.0 | 7.3 | 7.0 | 6.3 | 5.0 | 7.0 | 7.3 | 7.0 | 6.9 |
| OKEEFE (LTP-TF-122) | 7.7 | 7.3 | 7.3 | 7.0 | 5.0 | 6.3 | 7.3 | 7.0 | 6.9 |
| PARAMOUNT | 8.0 | 7.0 | 7.0 | 6.7 | 5.0 | 6.7 | 7.7 | 7.0 | 6.9 |
| PPG-TF 231 | 7.7 | 7.0 | 7.3 | 7.3 | 5.0 | 6.7 | 7.3 | 7.0 | 6.9 |
| PPG-TF 312 | 7.7 | 7.0 | 7.3 | 7.0 | 5.3 | 6.7 | 7.3 | 7.0 | 6.9 |
| RAPTOR III | 8.0 | 7.0 | 7.0 | 7.0 | 5.3 | 6.7 | 7.3 | 7.0 | 6.9 |
| RC4 | 8.0 | 7.3 | 7.3 | 7.0 | 4.3 | 6.3 | 7.7 | 7.0 | 6.9 |
| SYMPHONY (PPG-TF 305) | 8.0 | 7.0 | 7.0 | 6.3 | 5.3 | 6.7 | 8.0 | 7.0 | 6.9 |
| TD2 | 8.0 | 7.7 | 7.0 | 7.0 | 4.7 | 6.7 | 7.3 | 7.0 | 6.9 |
| 3B2 | 7.7 | 7.3 | 6.7 | 6.7 | 5.3 | 6.7 | 7.0 | 6.7 | 6.8 |
| BRAVO 2 | 7.3 | 6.7 | 7.3 | 6.7 | 5.7 | 6.7 | 7.0 | 6.7 | 6.8 |
| DLFPS-321/3679 | 7.3 | 7.0 | 7.0 | 6.3 | 5.0 | 7.0 | 7.3 | 7.0 | 6.8 |
| DLFPS-321/3699 | 7.7 | 7.7 | 7.3 | 6.7 | 4.7 | 6.3 | 7.3 | 7.0 | 6.8 |
| DLFPS-321/3707 | 7.7 | 7.3 | 7.0 | 6.0 | 5.0 | 6.7 | 7.7 | 7.0 | 6.8 |
| GALACTIC (SESCR1) | 7.7 | 7.0 | 7.0 | 6.7 | 5.0 | 7.3 | 7.3 | 6.7 | 6.8 |
| GO-RH20 | 7.7 | 7.3 | 6.7 | 6.7 | 5.0 | 6.7 | 7.3 | 7.0 | 6.8 |

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT COLLEGE PARK, MD 1/
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | | |
|-------------------------|--|-----|-----|-----|-----|-----|-----|-----|------|
| | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| HEMI | 7.7 | 7.0 | 7.0 | 6.0 | 5.0 | 7.0 | 7.7 | 7.0 | 6.8 |
| K18-WB1 | 8.0 | 7.0 | 7.3 | 7.3 | 4.0 | 6.3 | 7.3 | 7.0 | 6.8 |
| NAI-ST5 | 7.3 | 7.0 | 7.0 | 6.7 | 5.0 | 7.0 | 7.7 | 7.0 | 6.8 |
| PST-5BYOB | 7.7 | 7.0 | 7.0 | 7.3 | 5.0 | 6.7 | 7.3 | 6.7 | 6.8 |
| TALLADEGA II (NAI-3N2) | 7.7 | 7.3 | 7.0 | 7.0 | 4.7 | 6.7 | 7.7 | 6.7 | 6.8 |
| TRIAD (PPG-TF 323) | 7.7 | 7.0 | 6.7 | 6.7 | 5.3 | 6.3 | 7.7 | 7.0 | 6.8 |
| AH1 | 7.7 | 7.0 | 6.7 | 6.7 | 4.7 | 6.7 | 7.3 | 6.7 | 6.7 |
| BULLSEYE LTZ | 7.7 | 7.0 | 7.0 | 7.0 | 5.0 | 5.7 | 7.3 | 7.0 | 6.7 |
| DLFPS-321/3701 | 7.7 | 7.0 | 7.0 | 6.7 | 4.7 | 6.3 | 7.3 | 7.0 | 6.7 |
| DLFPS-321/3708 | 7.7 | 7.7 | 7.0 | 6.3 | 4.3 | 6.0 | 7.7 | 7.0 | 6.7 |
| FIRENZA II (PPG-TF 244) | 8.0 | 7.0 | 6.7 | 6.3 | 4.7 | 6.3 | 7.3 | 7.0 | 6.7 |
| K18-NSE | 7.7 | 6.7 | 7.3 | 6.7 | 4.3 | 6.3 | 7.3 | 7.3 | 6.7 |
| NT-3 | 8.0 | 7.3 | 7.0 | 6.7 | 4.3 | 5.7 | 7.3 | 7.0 | 6.7 |
| PADRE 2 | 7.7 | 7.3 | 6.7 | 6.3 | 4.7 | 6.7 | 7.3 | 7.0 | 6.7 |
| PPG-TF 249 | 8.0 | 7.3 | 7.0 | 6.7 | 4.3 | 6.3 | 7.0 | 7.0 | 6.7 |
| PPG-TF 306 | 7.7 | 7.0 | 7.0 | 6.7 | 4.7 | 5.7 | 7.7 | 7.0 | 6.7 |
| STEALTH (PPG-TF 238) | 7.7 | 6.7 | 7.0 | 6.7 | 4.3 | 6.7 | 7.7 | 7.0 | 6.7 |
| TANK (PPG-TF 338) | 7.7 | 7.3 | 7.0 | 6.3 | 4.3 | 7.0 | 7.3 | 6.7 | 6.7 |
| TMT1 | 7.7 | 7.3 | 7.0 | 6.3 | 5.3 | 6.0 | 7.3 | 6.7 | 6.7 |
| TOUGH (NAI-TUE) | 7.3 | 7.0 | 6.7 | 6.0 | 5.7 | 7.0 | 7.3 | 6.7 | 6.7 |
| 5LSS | 7.7 | 7.7 | 6.3 | 5.7 | 4.7 | 6.3 | 7.3 | 7.0 | 6.6 |
| DLFPS-321/3695 | 7.7 | 7.3 | 6.7 | 6.3 | 5.3 | 6.3 | 6.7 | 6.7 | 6.6 |
| DLFPS-321/3703 | 7.3 | 7.0 | 6.7 | 6.0 | 5.0 | 6.7 | 7.3 | 6.7 | 6.6 |
| DLFPS-TF/3553 | 7.7 | 7.7 | 6.7 | 6.7 | 4.0 | 5.7 | 7.3 | 7.3 | 6.6 |
| ESTRENA | 7.0 | 7.0 | 7.0 | 6.3 | 4.3 | 6.7 | 7.7 | 7.0 | 6.6 |
| NAI-ROS4 | 7.7 | 6.7 | 6.7 | 6.3 | 5.0 | 6.7 | 7.3 | 6.7 | 6.6 |
| PPG-TF 257 | 7.3 | 7.0 | 7.0 | 6.7 | 4.3 | 6.7 | 7.3 | 6.7 | 6.6 |
| PST-5MCMO | 7.3 | 7.0 | 6.7 | 6.0 | 4.7 | 7.3 | 7.0 | 7.0 | 6.6 |
| RH1 | 7.3 | 7.3 | 6.7 | 6.3 | 4.0 | 6.7 | 7.3 | 7.0 | 6.6 |
| RHF | 7.7 | 7.0 | 6.7 | 6.7 | 5.0 | 6.0 | 7.3 | 6.7 | 6.6 |
| RS1 | 8.0 | 7.7 | 6.7 | 5.7 | 5.0 | 6.0 | 7.0 | 7.0 | 6.6 |
| TITAN GLX (TF445) | 7.7 | 7.0 | 6.7 | 6.7 | 4.3 | 6.7 | 7.0 | 7.0 | 6.6 |
| DLFPS-321/3696 | 7.7 | 7.3 | 6.3 | 6.3 | 4.3 | 6.7 | 6.7 | 6.7 | 6.5 |
| DLFPS-321/3702 | 7.3 | 7.3 | 6.3 | 6.3 | 4.7 | 6.3 | 6.7 | 6.7 | 6.5 |
| DLFPS-TF/3552 | 8.0 | 7.3 | 6.3 | 6.0 | 4.0 | 5.7 | 7.3 | 7.0 | 6.5 |
| GLX ACED (PST-5DART) | 7.0 | 6.7 | 6.3 | 6.3 | 5.3 | 6.7 | 7.0 | 6.7 | 6.5 |
| GRO-PRO (SE53D2) | 6.7 | 7.0 | 6.7 | 6.7 | 4.7 | 7.0 | 6.7 | 6.7 | 6.5 |
| JT 233 | 7.3 | 7.0 | 6.3 | 6.0 | 4.7 | 6.0 | 7.3 | 7.0 | 6.5 |
| KIZZLE (K18-ROE) | 7.3 | 7.0 | 6.7 | 6.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.5 |
| MOONDANCE GLX | 6.7 | 6.7 | 7.0 | 7.0 | 5.0 | 6.3 | 7.0 | 6.3 | 6.5 |
| PST-5E6 | 7.3 | 7.0 | 6.3 | 6.0 | 5.7 | 6.0 | 7.0 | 7.0 | 6.5 |
| PST-5TRN | 7.0 | 6.3 | 6.3 | 6.7 | 5.0 | 7.0 | 7.0 | 6.7 | 6.5 |
| RDC | 7.3 | 7.0 | 6.7 | 6.3 | 4.3 | 6.3 | 7.0 | 7.0 | 6.5 |
| RH3 | 7.7 | 7.3 | 6.7 | 6.3 | 4.3 | 6.3 | 7.0 | 6.7 | 6.5 |
| TITAN MAX (TF456) | 7.3 | 7.0 | 6.7 | 6.3 | 4.7 | 6.7 | 7.0 | 6.7 | 6.5 |

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT COLLEGE PARK, MD 1/
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | | MEAN |
|-----------------------|--|-----|-----|------|------|------|-----|-----|------|
| | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| DRAGSTER | 7.7 | 6.7 | 6.7 | 6.7 | 4.0 | 6.0 | 7.0 | 6.7 | 6.4 |
| PST-5DZM | 7.7 | 7.0 | 6.0 | 5.7 | 4.7 | 6.3 | 7.3 | 6.7 | 6.4 |
| PST-5GQ | 7.0 | 7.0 | 6.3 | 6.0 | 5.0 | 6.3 | 7.0 | 6.7 | 6.4 |
| SE5STAR | 7.3 | 6.3 | 6.3 | 6.3 | 4.7 | 6.7 | 7.3 | 6.0 | 6.4 |
| 3N1 | 7.0 | 6.7 | 6.3 | 6.3 | 4.0 | 5.7 | 7.0 | 7.0 | 6.3 |
| A-TF31 | 7.0 | 7.0 | 6.7 | 6.0 | 3.3 | 6.0 | 7.0 | 7.0 | 6.3 |
| ATF1768 | 7.3 | 7.0 | 6.3 | 6.0 | 4.3 | 6.0 | 7.0 | 6.7 | 6.3 |
| ATF2116 | 7.0 | 6.3 | 6.0 | 5.7 | 5.0 | 6.3 | 7.0 | 6.7 | 6.3 |
| BANDIT | 7.0 | 6.0 | 6.7 | 6.0 | 5.0 | 6.3 | 6.7 | 7.0 | 6.3 |
| DLFPS-TF/3550 | 7.7 | 7.3 | 6.0 | 5.7 | 4.0 | 6.0 | 7.0 | 7.0 | 6.3 |
| FAIRFIELD (SETF104) | 6.7 | 6.3 | 6.3 | 6.0 | 5.3 | 6.7 | 6.7 | 6.7 | 6.3 |
| FAYETTE | 7.0 | 6.3 | 6.3 | 5.3 | 5.3 | 6.3 | 7.0 | 6.7 | 6.3 |
| GO-AOMK | 7.0 | 6.7 | 6.3 | 6.0 | 5.0 | 6.3 | 6.7 | 6.0 | 6.3 |
| PRO GOLD | 7.3 | 6.7 | 6.0 | 5.7 | 5.0 | 6.7 | 7.0 | 6.3 | 6.3 |
| PST-5THM | 6.7 | 7.0 | 6.0 | 6.3 | 4.7 | 6.3 | 7.0 | 6.3 | 6.3 |
| SETFM3 | 6.7 | 6.3 | 6.0 | 5.7 | 5.0 | 7.0 | 7.0 | 6.7 | 6.3 |
| TANGO | 7.0 | 6.3 | 6.0 | 5.7 | 4.7 | 6.7 | 7.0 | 6.7 | 6.3 |
| AST8118LM | 6.7 | 6.0 | 6.0 | 5.7 | 5.0 | 6.3 | 7.0 | 6.7 | 6.2 |
| JT 517 | 7.0 | 6.7 | 6.0 | 5.7 | 4.7 | 6.3 | 7.0 | 6.3 | 6.2 |
| PST-5GLBS | 7.0 | 6.7 | 6.0 | 5.3 | 4.7 | 6.3 | 7.0 | 6.7 | 6.2 |
| LBF | 7.0 | 6.7 | 6.0 | 6.0 | 3.7 | 6.0 | 7.0 | 6.3 | 6.1 |
| MONUMENT (PST-5SQB) | 7.0 | 6.7 | 6.0 | 6.0 | 3.7 | 5.7 | 7.0 | 6.7 | 6.1 |
| RAD-TF115 (TURBO SS) | 7.0 | 6.7 | 6.0 | 5.3 | 4.0 | 6.7 | 7.0 | 6.3 | 6.1 |
| RAD-TF131 | 7.0 | 5.7 | 6.3 | 6.3 | 3.7 | 5.7 | 7.3 | 6.7 | 6.1 |
| BAR 9FE MAS | 6.7 | 5.7 | 5.7 | 6.0 | 4.7 | 6.3 | 6.7 | 6.0 | 6.0 |
| NAI-FQZ-17 | 6.3 | 5.3 | 6.0 | 5.7 | 5.3 | 6.0 | 7.0 | 6.0 | 6.0 |
| PST-5DC24 | 6.3 | 6.3 | 6.0 | 6.0 | 4.3 | 6.3 | 6.7 | 6.3 | 6.0 |
| PST-5MINK | 6.3 | 6.3 | 6.0 | 5.7 | 4.3 | 6.0 | 7.0 | 6.0 | 6.0 |
| BAR-FA8230 | 6.7 | 6.3 | 5.7 | 5.7 | 4.3 | 6.0 | 6.7 | 6.0 | 5.9 |
| NATURALLY GREEN | 6.7 | 6.3 | 5.7 | 5.0 | 4.7 | 5.7 | 7.0 | 6.0 | 5.9 |
| AST8218LM | 6.0 | 6.3 | 5.7 | 5.3 | 4.3 | 6.3 | 6.7 | 6.0 | 5.8 |
| BIRMINGHAM | 6.3 | 5.7 | 5.7 | 5.7 | 4.0 | 6.3 | 6.7 | 6.3 | 5.8 |
| ESCALADE | 6.0 | 5.7 | 5.7 | 6.0 | 4.7 | 5.7 | 6.3 | 6.0 | 5.8 |
| BULLSEYE | 6.3 | 5.7 | 5.7 | 5.7 | 4.0 | 5.7 | 6.3 | 6.0 | 5.7 |
| COPIOUS TF | 6.0 | 6.0 | 5.0 | 5.3 | 4.0 | 6.0 | 6.7 | 6.3 | 5.7 |
| GRAND PRIX (FC15-01P) | 6.0 | 5.0 | 5.3 | 5.7 | 4.7 | 6.0 | 6.3 | 6.0 | 5.6 |
| SETFM2 | 6.0 | 5.0 | 5.3 | 5.3 | 4.3 | 6.0 | 6.7 | 6.0 | 5.6 |
| BAR FA 8228 | 6.3 | 5.0 | 5.0 | 5.7 | 4.3 | 5.3 | 6.7 | 6.0 | 5.5 |
| OG-WALK | 5.0 | 5.0 | 5.3 | 5.7 | 4.0 | 6.0 | 6.3 | 5.7 | 5.4 |
| PALOMAR | 4.3 | 4.3 | 5.0 | 5.3 | 4.3 | 6.0 | 6.3 | 5.7 | 5.2 |
| BGR-TF3 | 6.0 | 4.7 | 4.7 | 5.0 | 3.3 | 5.0 | 6.3 | 6.0 | 5.1 |
| KENTUCKY-31 | 3.3 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.7 | 5.0 | 4.4 |
| LSD VALUE | 0.8 | 0.9 | 1.0 | 1.2 | 2.6 | 2.3 | 0.9 | 0.6 | 0.5 |
| C.V. (%) | 7.1 | 8.4 | 9.0 | 10.3 | 18.3 | 11.6 | 6.6 | 5.6 | 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 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 IN THE 2018 NATIONAL TALL FESCUE TEST AT EAST LANSING, MI 1/
 2021 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | |
|-------------------------------|------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | GENETIC COLOR | LEAF TEXTURE | FALL DENSITY | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| 5LSS | 7.0 | 7.3 | 9.0 | 7.3 | 7.3 | 7.0 | 7.3 | 8.0 | 8.0 | 7.5 |
| DEGAS (LTP-TF-111) | 7.0 | 6.3 | 9.0 | 7.3 | 7.7 | 7.0 | 7.7 | 7.7 | 7.3 | 7.4 |
| AVENGER III (PPG-TF 308) | 7.0 | 6.3 | 9.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7.7 | 7.3 |
| BY-TF-169 | 7.0 | 6.0 | 9.0 | 7.0 | 7.0 | 7.3 | 7.7 | 7.3 | 7.3 | 7.3 |
| DLFPS-321/3701 | 7.0 | 6.7 | 9.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.3 | 7.3 | 7.3 |
| DLFPS-321/3705 | 7.0 | 6.0 | 9.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.7 | 7.3 | 7.3 |
| FIRENZA II (PPG-TF 244) | 7.0 | 6.3 | 9.0 | 7.7 | 7.0 | 7.0 | 7.3 | 7.0 | 7.7 | 7.3 |
| GALACTIC (SESCR1) | 7.0 | 6.0 | 9.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 |
| GO-RH20 | 7.0 | 6.0 | 9.0 | 7.7 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.3 |
| NAI-ST5 | 7.3 | 5.7 | 9.0 | 7.7 | 7.3 | 7.0 | 7.7 | 7.0 | 7.3 | 7.3 |
| PPG-TF 306 | 7.0 | 6.0 | 9.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.3 | 7.3 | 7.3 |
| PPG-TF 316 | 7.0 | 6.0 | 9.0 | 7.3 | 7.7 | 7.3 | 7.3 | 7.3 | 7.0 | 7.3 |
| SPYDER 2LS (ZRC1) | 7.0 | 6.7 | 9.0 | 7.3 | 7.0 | 7.0 | 7.7 | 7.7 | 7.0 | 7.3 |
| TD2 | 7.0 | 6.0 | 9.0 | 7.0 | 7.3 | 7.3 | 7.7 | 7.3 | 7.0 | 7.3 |
| TRIAD (PPG-TF 323) | 7.0 | 6.0 | 9.0 | 7.7 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 |
| XANADU (JT 268) | 7.3 | 6.0 | 9.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.3 | 7.3 |
| AH1 | 7.0 | 6.3 | 9.0 | 7.0 | 6.7 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 |
| AH2 | 7.0 | 6.0 | 9.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.2 |
| DLFPS-321/3694 | 7.3 | 5.7 | 9.0 | 7.7 | 7.0 | 7.3 | 7.3 | 7.0 | 7.0 | 7.2 |
| DLFPS-321/3702 | 7.3 | 6.3 | 9.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.2 |
| NAI-FQZ-17 | 7.0 | 5.0 | 9.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.0 | 7.0 | 7.2 |
| OKEEFE (LTP-TF-122) | 7.0 | 5.3 | 9.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 7.2 |
| PPG-TF 249 | 7.0 | 6.0 | 9.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.2 |
| RS1 | 7.0 | 5.7 | 9.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.2 |
| TOUGH (NAI-TUE) | 7.3 | 6.0 | 9.0 | 7.3 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7.2 |
| ZION (BAR TF 134) | 7.3 | 5.7 | 9.0 | 7.3 | 7.3 | 7.3 | 7.7 | 6.7 | 7.0 | 7.2 |
| 3B2 | 7.3 | 5.3 | 9.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.1 |
| 3N1 | 7.3 | 6.0 | 9.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.1 |
| BONFIRE (JS DTT) | 7.0 | 6.0 | 8.7 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.1 |
| DLFPS-321/3693 | 7.0 | 6.0 | 9.0 | 7.0 | 7.0 | 7.3 | 7.3 | 6.7 | 7.0 | 7.1 |
| DLFPS-321/3696 | 7.0 | 5.7 | 9.0 | 7.0 | 7.3 | 7.0 | 7.3 | 6.7 | 7.0 | 7.1 |
| DLFPS-321/3699 | 7.0 | 6.3 | 9.0 | 7.0 | 7.3 | 7.3 | 7.3 | 6.7 | 6.7 | 7.1 |
| DLFPS-TF/3553 | 7.3 | 6.3 | 8.7 | 7.7 | 7.0 | 7.0 | 7.3 | 6.7 | 7.0 | 7.1 |
| DRAGSTER | 7.0 | 5.7 | 9.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.1 |
| FIRECRACKER G-LS (PPG-TF 315) | 7.3 | 6.3 | 9.0 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 |
| FIREHAWK SLT | 7.0 | 6.0 | 9.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.1 |
| K18-RS6 | 7.0 | 6.3 | 9.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.1 |
| K18-WB1 | 7.0 | 6.0 | 8.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 |
| MOONDANCE GLX | 6.7 | 5.7 | 9.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 |
| NAI-ROS4 | 7.0 | 6.0 | 9.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 7.1 |
| PARAMOUNT | 7.3 | 5.7 | 9.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.1 |
| PPG-TF 231 | 7.0 | 6.3 | 8.7 | 7.3 | 7.3 | 7.0 | 7.3 | 6.7 | 7.0 | 7.1 |
| PPG-TF 262 | 7.0 | 5.3 | 9.0 | 7.3 | 7.0 | 7.0 | 7.3 | 6.7 | 7.3 | 7.1 |
| PPG-TF 267 | 7.7 | 5.7 | 9.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.1 |
| PPG-TF 318 | 7.0 | 5.7 | 9.0 | 7.3 | 7.0 | 7.3 | 7.3 | 7.0 | 6.7 | 7.1 |

TABLE 11.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT EAST LANSING, MI 1/
2021 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | |
|----------------------------|------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | GENETIC COLOR | LEAF TEXTURE | FALL DENSITY | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| PST-5GQ | 7.0 | 5.7 | 9.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.1 |
| RAPTOR III | 7.0 | 6.0 | 9.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 |
| RAPTOR LS (PPG-TF 336) | 7.0 | 6.3 | 9.0 | 7.7 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | 7.1 |
| RH1 | 7.3 | 5.7 | 9.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.1 |
| RHL2 | 7.0 | 6.0 | 9.0 | 7.3 | 7.0 | 7.3 | 7.3 | 6.7 | 7.0 | 7.1 |
| SETFM3 | 7.0 | 5.3 | 9.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 |
| TITAN MAX (TF456) | 7.0 | 6.3 | 9.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.1 |
| TMT1 | 7.3 | 6.0 | 9.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 7.1 |
| AST8218LM | 7.3 | 5.0 | 8.7 | 7.7 | 7.3 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 |
| BAR 9FE MAS | 7.3 | 6.0 | 9.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 |
| COL-TF-148 | 7.0 | 6.0 | 9.0 | 6.7 | 7.0 | 7.0 | 7.7 | 6.7 | 7.0 | 7.0 |
| DLFPS-TF/3550 | 7.0 | 5.7 | 9.0 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| ESTRENA | 7.0 | 6.7 | 9.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 |
| GRANDE 3 | 7.0 | 5.7 | 9.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 |
| JT 233 | 6.7 | 5.0 | 8.7 | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 |
| PADRE 2 | 7.0 | 5.7 | 9.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 6.7 | 7.0 |
| PPG-TF 257 | 7.0 | 5.3 | 9.0 | 7.0 | 7.3 | 7.0 | 7.3 | 6.7 | 6.7 | 7.0 |
| PST-5GLBS | 6.7 | 5.3 | 8.7 | 7.0 | 7.0 | 7.0 | 7.3 | 6.7 | 7.0 | 7.0 |
| STEALTH (PPG-TF 238) | 7.0 | 6.0 | 9.0 | 6.7 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 |
| SYMPHONY (PPG-TF 305) | 7.0 | 6.0 | 9.0 | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 |
| TANK (PPG-TF 338) | 7.0 | 6.3 | 8.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 |
| BULLSEYE | 6.7 | 5.0 | 8.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.9 |
| BULLSEYE LTZ | 7.0 | 6.0 | 9.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| DLFPS-321/3679 | 7.0 | 5.3 | 9.0 | 7.0 | 7.3 | 7.0 | 7.0 | 6.3 | 7.0 | 6.9 |
| DLFPS-321/3695 | 6.7 | 5.3 | 8.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.9 |
| DLFPS-321/3703 | 7.0 | 6.0 | 9.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.9 |
| DLFPS-321/3707 | 7.0 | 5.7 | 8.7 | 7.0 | 6.7 | 7.0 | 7.3 | 6.7 | 7.0 | 6.9 |
| DLFPS-TF/3552 | 7.0 | 6.0 | 9.0 | 6.7 | 6.7 | 7.3 | 7.0 | 7.0 | 7.0 | 6.9 |
| FAYETTE | 7.0 | 5.7 | 9.0 | 7.0 | 7.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.9 |
| HEMI | 7.0 | 5.7 | 9.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 | 6.9 |
| KIZZLE (K18-ROE) | 7.0 | 5.0 | 8.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 7.0 | 6.9 |
| PST-5DC24 | 7.0 | 5.0 | 8.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.9 |
| PST-5CMO | 7.0 | 5.7 | 9.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.9 |
| PST-5MINK | 7.0 | 5.3 | 8.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.9 |
| PST-5TRN | 6.3 | 5.0 | 9.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.9 |
| RAD-TF131 | 8.0 | 5.7 | 8.7 | 7.3 | 6.7 | 7.3 | 7.3 | 6.0 | 6.7 | 6.9 |
| RC4 | 7.0 | 5.7 | 9.0 | 6.7 | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.9 |
| RDC | 7.0 | 5.7 | 9.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| RH3 | 7.0 | 5.7 | 8.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 | 6.9 |
| SETFM2 | 7.7 | 5.7 | 9.0 | 6.7 | 7.0 | 7.0 | 7.3 | 6.7 | 7.0 | 6.9 |
| TALLADEGA II (NAI-3N2) | 7.0 | 5.7 | 9.0 | 7.3 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 6.9 |
| TANGO | 7.0 | 5.0 | 8.7 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.9 |
| TEACHER (PPG-TF 313) | 6.7 | 6.7 | 8.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.9 |
| TITAN GLX (TF445) | 7.0 | 6.0 | 8.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 7.0 | 6.9 |
| TITANIUM G-LS (PPG-TF 255) | 7.0 | 5.7 | 9.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.9 |

TABLE 11.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT EAST LANSING, MI 1/
2021 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | |
|----------------------------|------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | GENETIC COLOR | LEAF TEXTURE | FALL DENSITY | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| BANDIT | 7.0 | 4.7 | 8.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.8 |
| BAR-FA8230 | 7.0 | 4.7 | 9.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.8 |
| BGR-TF3 | 7.3 | 5.3 | 8.7 | 7.0 | 7.3 | 6.7 | 6.7 | 6.3 | 7.0 | 6.8 |
| BIRMINGHAM | 7.0 | 5.3 | 8.7 | 7.0 | 7.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.8 |
| DLFPS-321/3706 | 7.0 | 6.0 | 8.7 | 6.3 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.8 |
| FAIRFIELD (SETF104) | 7.0 | 5.3 | 9.0 | 7.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 6.8 |
| GLX ACED (PST-5DART) | 6.7 | 5.3 | 8.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 7.0 | 6.8 |
| GRO-PRO (SE53D2) | 7.0 | 5.0 | 8.7 | 6.7 | 7.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.8 |
| K18-NSE | 7.0 | 6.3 | 8.7 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 7.3 | 6.8 |
| LBF | 7.3 | 4.3 | 8.7 | 6.7 | 7.3 | 7.3 | 6.7 | 5.7 | 7.0 | 6.8 |
| LIFEGUARD | 7.0 | 5.3 | 8.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| NT-3 | 7.0 | 5.3 | 8.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.8 |
| PPG-TF 337 | 7.0 | 6.0 | 9.0 | 7.3 | 7.3 | 7.0 | 6.3 | 6.3 | 6.7 | 6.8 |
| PST-5BYOB | 7.0 | 4.7 | 8.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 6.8 |
| PST-5THM | 7.0 | 5.0 | 9.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 7.0 | 6.8 |
| RAD-TF105 | 7.0 | 6.0 | 9.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.7 | 6.8 |
| RHF | 7.0 | 6.3 | 9.0 | 7.3 | 7.0 | 6.7 | 6.3 | 6.3 | 7.3 | 6.8 |
| AST8118LM | 7.3 | 5.0 | 8.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.0 | 6.7 | 6.7 |
| BRAVO 2 | 6.7 | 4.7 | 8.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.0 | 7.0 | 6.7 |
| DLFPS-321/3708 | 7.0 | 5.7 | 8.3 | 7.0 | 6.7 | 7.0 | 6.7 | 6.0 | 7.0 | 6.7 |
| GO-AOMK | 7.0 | 6.3 | 8.7 | 7.0 | 7.3 | 7.0 | 6.7 | 6.0 | 6.3 | 6.7 |
| MONUMENT (PST-5SQB) | 7.0 | 4.7 | 8.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 |
| OG-WALK | 6.7 | 4.7 | 8.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 |
| PPG-TF 312 | 7.0 | 7.0 | 9.0 | 7.0 | 6.7 | 7.0 | 7.0 | 6.0 | 6.7 | 6.7 |
| PRO GOLD | 6.7 | 5.7 | 8.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.0 | 7.0 | 6.7 |
| RAD-TF115 (TURBO SS) | 7.7 | 5.3 | 8.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 |
| SERENADE (PPG-TF 320) | 7.0 | 5.0 | 8.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.7 |
| ATF1768 | 7.0 | 5.0 | 8.3 | 6.7 | 7.0 | 7.0 | 6.7 | 5.7 | 6.3 | 6.6 |
| ATF2116 | 6.7 | 5.3 | 8.7 | 6.0 | 7.3 | 7.0 | 6.3 | 6.0 | 6.7 | 6.6 |
| COPIOUS TF | 7.0 | 5.0 | 8.0 | 7.0 | 7.0 | 7.0 | 6.3 | 5.7 | 6.3 | 6.6 |
| DYNAMITE G-LS (PPG-TF 254) | 7.0 | 5.3 | 9.0 | 6.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.7 | 6.6 |
| GRAND PRIX (FC15-01P) | 6.7 | 5.0 | 8.0 | 6.7 | 7.0 | 6.7 | 7.0 | 6.0 | 6.3 | 6.6 |
| PALOMAR | 6.7 | 4.0 | 8.3 | 6.7 | 7.3 | 7.0 | 6.3 | 6.0 | 6.0 | 6.6 |
| PST-5DZM | 6.7 | 6.0 | 8.7 | 6.0 | 7.0 | 7.0 | 6.7 | 6.0 | 7.0 | 6.6 |
| PST-5E6 | 6.3 | 5.3 | 8.7 | 6.3 | 6.7 | 7.0 | 6.0 | 6.3 | 7.0 | 6.6 |
| JT 517 | 7.0 | 5.3 | 8.0 | 6.7 | 7.0 | 7.0 | 6.3 | 5.7 | 6.3 | 6.5 |
| NATURALLY GREEN | 7.0 | 4.7 | 8.0 | 7.0 | 6.7 | 7.0 | 6.0 | 6.0 | 6.0 | 6.4 |
| BAR FA 8228 | 6.7 | 4.0 | 8.3 | 7.0 | 6.7 | 6.7 | 6.3 | 5.7 | 5.7 | 6.3 |
| ESCALADE | 6.3 | 4.3 | 8.3 | 6.0 | 6.7 | 6.7 | 6.3 | 5.7 | 6.3 | 6.3 |
| A-TF31 | 6.3 | 5.7 | 8.0 | 6.3 | 6.3 | 6.7 | 6.3 | 5.3 | 6.3 | 6.2 |
| SE5STAR | 7.0 | 4.7 | 8.3 | 5.7 | 6.3 | 6.7 | 6.0 | 5.3 | 6.3 | 6.1 |
| KENTUCKY-31 | 4.0 | 2.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.5 |
| LSD VALUE | 0.6 | 1.0 | 0.6 | 1.1 | 1.1 | 0.6 | 1.0 | 1.1 | 0.7 | 0.5 |
| C.V. (%) | 4.7 | 10.7 | 4.0 | 7.5 | 6.0 | 4.2 | 7.4 | 9.2 | 5.9 | 4.3 |

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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT COLUMBIA, MO 1/
2021 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | MEAN |
|-------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | RED THREAD | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| TEACHER (PPG-TF 313) | 8.7 | 6.0 | 6.0 | 6.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.3 |
| GO-RH20 | 9.0 | 6.7 | 7.0 | 6.7 | 5.7 | 5.3 | 5.3 | 6.0 | 6.1 |
| XANADU (JT 268) | 9.0 | 7.0 | 6.3 | 6.7 | 6.0 | 5.3 | 5.7 | 5.7 | 6.1 |
| DLFPS-321/3702 | 9.0 | 6.0 | 6.7 | 6.7 | 5.7 | 6.0 | 6.0 | 5.3 | 6.0 |
| FAYETTE | 8.7 | 5.7 | 5.7 | 6.3 | 6.3 | 5.7 | 5.7 | 6.3 | 6.0 |
| PPG-TF 249 | 9.0 | 6.0 | 6.0 | 6.0 | 6.3 | 5.7 | 6.0 | 5.7 | 6.0 |
| TANK (PPG-TF 338) | 8.7 | 6.7 | 6.7 | 6.7 | 5.7 | 5.0 | 5.3 | 6.0 | 6.0 |
| AH1 | 9.0 | 6.0 | 5.7 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 5.9 |
| AH2 | 8.7 | 6.7 | 6.0 | 5.7 | 5.3 | 6.3 | 5.7 | 5.7 | 5.9 |
| BY-TF-169 | 9.0 | 6.0 | 6.3 | 6.3 | 5.7 | 5.7 | 5.3 | 6.0 | 5.9 |
| DLFPS-321/3701 | 9.0 | 6.3 | 6.0 | 6.3 | 5.7 | 5.3 | 5.7 | 5.7 | 5.9 |
| SYMPHONY (PPG-TF 305) | 9.0 | 5.7 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 5.9 |
| NAI-ROS4 | 9.0 | 5.7 | 6.0 | 6.3 | 6.0 | 5.3 | 5.7 | 5.7 | 5.8 |
| PPG-TF 262 | 9.0 | 5.3 | 5.7 | 6.0 | 5.7 | 6.0 | 5.7 | 6.0 | 5.8 |
| PPG-TF 316 | 9.0 | 5.7 | 5.7 | 6.0 | 5.7 | 6.0 | 5.3 | 6.0 | 5.8 |
| PPG-TF 337 | 9.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.3 | 5.3 | 5.8 |
| SERENADE (PPG-TF 320) | 9.0 | 6.0 | 6.3 | 6.0 | 5.7 | 5.3 | 5.3 | 6.0 | 5.8 |
| SPYDER 2LS (ZRC1) | 9.0 | 5.7 | 6.0 | 6.0 | 5.7 | 5.3 | 6.0 | 6.0 | 5.8 |
| TITANIUM G-LS (PPG-TF 255) | 8.7 | 6.3 | 6.3 | 6.7 | 5.3 | 5.0 | 5.0 | 6.0 | 5.8 |
| DLFPS-TF/3550 | 8.7 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 5.7 |
| ESTRENA | 9.0 | 6.0 | 6.3 | 6.0 | 5.7 | 5.0 | 5.3 | 5.3 | 5.7 |
| KIZZLE (K18-ROE) | 9.0 | 6.0 | 6.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 |
| NAI-ST5 | 9.0 | 5.3 | 6.0 | 6.0 | 5.7 | 5.0 | 5.7 | 6.0 | 5.7 |
| PADRE 2 | 9.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 5.7 |
| RHF | 9.0 | 5.7 | 5.3 | 5.3 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 |
| AVENGER III (PPG-TF 308) | 8.7 | 6.0 | 5.7 | 5.3 | 5.3 | 5.0 | 5.7 | 6.0 | 5.6 |
| FIRECRACKER G-LS (PPG-TF 315) | 9.0 | 6.3 | 6.7 | 6.0 | 5.3 | 5.0 | 5.0 | 5.0 | 5.6 |
| FIREHAWK SLT | 9.0 | 5.7 | 6.0 | 6.0 | 5.7 | 5.0 | 5.3 | 5.3 | 5.6 |
| K18-WB1 | 9.0 | 6.0 | 5.3 | 6.0 | 5.3 | 5.3 | 5.7 | 5.3 | 5.6 |
| RDC | 9.0 | 5.7 | 5.0 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.6 |
| DYNAMITE G-LS (PPG-TF 254) | 8.3 | 5.3 | 5.3 | 6.0 | 5.3 | 5.7 | 5.3 | 5.3 | 5.5 |
| HEMI | 9.0 | 6.3 | 6.0 | 6.0 | 5.3 | 4.7 | 5.0 | 5.3 | 5.5 |
| K18-RS6 | 9.0 | 6.3 | 6.0 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 5.5 |
| TITAN MAX (TF456) | 9.0 | 6.0 | 6.3 | 6.0 | 5.0 | 4.3 | 5.0 | 5.7 | 5.5 |
| TRIAD (PPG-TF 323) | 9.0 | 5.7 | 5.7 | 6.0 | 5.3 | 5.0 | 5.3 | 5.3 | 5.5 |
| BIRMINGHAM | 9.0 | 5.7 | 5.7 | 6.3 | 5.3 | 4.7 | 4.7 | 5.3 | 5.4 |
| BONFIRE (JS DTT) | 9.0 | 5.7 | 5.3 | 6.0 | 5.3 | 5.3 | 5.3 | 5.0 | 5.4 |
| DLFPS-321/3694 | 9.0 | 6.0 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 4.7 | 5.4 |
| DLFPS-321/3695 | 9.0 | 6.0 | 5.7 | 6.0 | 5.3 | 4.7 | 5.3 | 5.0 | 5.4 |
| K18-NSE | 9.0 | 5.7 | 5.7 | 5.3 | 4.7 | 5.0 | 5.7 | 6.0 | 5.4 |
| NT-3 | 9.0 | 6.0 | 6.3 | 5.7 | 5.3 | 4.7 | 5.0 | 4.7 | 5.4 |
| PPG-TF 257 | 8.7 | 6.0 | 5.7 | 5.7 | 5.0 | 5.0 | 5.3 | 5.0 | 5.4 |
| RAPTOR LS (PPG-TF 336) | 9.0 | 5.0 | 5.0 | 5.7 | 6.0 | 5.7 | 5.3 | 5.3 | 5.4 |
| RS1 | 9.0 | 6.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.7 | 5.7 | 5.4 |
| STEALTH (PPG-TF 238) | 9.0 | 5.7 | 6.0 | 5.7 | 5.3 | 5.0 | 4.7 | 5.7 | 5.4 |

TABLE 12.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT COLUMBIA, MO 1/
2021 DATA

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

| NAME | RED | QUALITY RATINGS | | | | | | | MEAN |
|-------------------------|--------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | THREAD | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| TALLADEGA II (NAI-3N2) | 9.0 | 6.3 | 6.0 | 5.7 | 5.3 | 4.7 | 4.7 | 5.0 | 5.4 |
| TOUGH (NAI-TUE) | 9.0 | 6.3 | 5.7 | 5.7 | 5.0 | 5.3 | 5.0 | 5.0 | 5.4 |
| BULLSEYE LTZ | 8.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 5.3 |
| DLFPS-321/3693 | 9.0 | 6.0 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 4.7 | 5.3 |
| DLFPS-321/3706 | 9.0 | 5.3 | 5.7 | 5.3 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 |
| JT 233 | 9.0 | 6.3 | 5.7 | 5.7 | 5.0 | 4.7 | 5.0 | 5.0 | 5.3 |
| PPG-TF 267 | 9.0 | 6.0 | 6.0 | 5.3 | 5.3 | 5.0 | 5.0 | 4.7 | 5.3 |
| PPG-TF 312 | 9.0 | 5.0 | 5.3 | 5.0 | 5.0 | 5.7 | 5.3 | 5.7 | 5.3 |
| RH3 | 9.0 | 6.0 | 5.3 | 5.3 | 5.3 | 5.3 | 4.7 | 5.0 | 5.3 |
| RHL2 | 9.0 | 5.7 | 5.0 | 5.7 | 5.3 | 4.7 | 5.7 | 5.3 | 5.3 |
| TMT1 | 9.0 | 6.7 | 6.0 | 5.0 | 5.0 | 4.7 | 5.0 | 5.0 | 5.3 |
| DLFPS-321/3699 | 8.7 | 5.7 | 5.7 | 5.3 | 5.0 | 4.7 | 5.0 | 5.3 | 5.2 |
| DLFPS-321/3703 | 9.0 | 5.3 | 5.7 | 5.3 | 4.7 | 5.0 | 5.0 | 5.7 | 5.2 |
| DLFPS-321/3707 | 9.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 5.3 | 5.2 |
| FIRENZA II (PPG-TF 244) | 9.0 | 5.7 | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 5.7 | 5.2 |
| GRANDE 3 | 9.0 | 5.3 | 5.3 | 5.3 | 5.3 | 4.7 | 5.0 | 5.7 | 5.2 |
| PARAMOUNT | 9.0 | 5.3 | 6.0 | 5.7 | 5.3 | 4.7 | 4.7 | 5.0 | 5.2 |
| PRO GOLD | 9.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 5.2 |
| PST-5TRN | 9.0 | 6.0 | 6.0 | 5.3 | 5.0 | 4.7 | 5.0 | 4.7 | 5.2 |
| RAPTOR III | 9.0 | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| BGR-TF3 | 8.0 | 6.0 | 5.0 | 5.3 | 5.0 | 4.3 | 5.0 | 5.0 | 5.1 |
| DLFPS-321/3696 | 9.0 | 5.7 | 5.7 | 5.7 | 5.3 | 4.7 | 4.3 | 4.3 | 5.1 |
| DLFPS-321/3708 | 9.0 | 5.0 | 5.3 | 5.7 | 4.7 | 5.0 | 5.7 | 4.7 | 5.1 |
| PPG-TF 306 | 9.0 | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 5.0 | 4.7 | 5.1 |
| PST-5BYOB | 9.0 | 5.3 | 5.3 | 5.7 | 5.3 | 4.7 | 5.0 | 4.3 | 5.1 |
| PST-5GLBS | 9.0 | 5.0 | 4.7 | 5.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.1 |
| TD2 | 9.0 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 5.0 | 5.3 | 5.1 |
| BAR FA 8228 | 8.7 | 5.0 | 5.0 | 5.3 | 4.7 | 5.0 | 5.0 | 4.7 | 5.0 |
| COL-TF-148 | 9.0 | 5.0 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 4.7 | 5.0 |
| COPIOUS TF | 9.0 | 5.0 | 5.0 | 5.3 | 5.0 | 4.7 | 5.0 | 4.7 | 5.0 |
| DEGAS (LTP-TF-111) | 9.0 | 6.0 | 6.0 | 5.3 | 4.7 | 4.3 | 4.7 | 4.3 | 5.0 |
| DLFPS-321/3705 | 9.0 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 4.7 | 4.7 | 5.0 |
| GALACTIC (SESCR1) | 9.0 | 5.7 | 4.7 | 5.0 | 5.0 | 4.7 | 5.0 | 5.3 | 5.0 |
| GLX ACED (PST-5DART) | 9.0 | 4.7 | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 5.0 | 5.0 |
| JT 517 | 9.0 | 4.7 | 5.0 | 5.0 | 5.0 | 5.0 | 4.7 | 5.3 | 5.0 |
| LIFEGUARD | 9.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.0 | 4.7 | 4.7 | 5.0 |
| MOONDANCE GLX | 9.0 | 4.7 | 5.0 | 5.3 | 5.3 | 5.0 | 4.7 | 4.7 | 5.0 |
| OKEEFE (LTP-TF-122) | 9.0 | 5.7 | 5.0 | 5.3 | 5.0 | 4.7 | 5.0 | 4.3 | 5.0 |
| RH1 | 9.0 | 5.7 | 4.3 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| TITAN GLX (TF445) | 9.0 | 5.0 | 4.7 | 5.0 | 5.3 | 4.7 | 5.0 | 5.0 | 5.0 |
| 3B2 | 9.0 | 5.0 | 4.7 | 4.7 | 5.3 | 5.0 | 4.7 | 5.0 | 4.9 |
| 5LSS | 8.3 | 5.7 | 5.0 | 4.7 | 5.0 | 4.3 | 4.7 | 4.7 | 4.9 |
| ATF1768 | 9.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.7 | 5.0 | 4.7 | 4.9 |
| BRAVO 2 | 9.0 | 5.3 | 5.0 | 5.0 | 5.0 | 4.7 | 4.7 | 4.7 | 4.9 |
| DLFPS-TF/3552 | 9.0 | 4.3 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.9 |

TABLE 12.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT COLUMBIA, MO 1/
2021 DATA

| NAME | TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ | | | | | | | | |
|-----------------------|--|------|------|-----------------|------|------|------|------|------|
| | RED THREAD | APR | MAY | QUALITY RATINGS | | | SEP | OCT | MEAN |
| | | | | JUN | JUL | AUG | | | |
| DLFPS-TF/3553 | 9.0 | 5.7 | 5.7 | 5.3 | 4.7 | 4.3 | 4.3 | 4.3 | 4.9 |
| PST-5DC24 | 9.0 | 4.7 | 4.7 | 5.0 | 5.0 | 5.0 | 4.7 | 5.0 | 4.9 |
| PST-5DZM | 9.0 | 5.7 | 4.3 | 5.0 | 4.3 | 4.7 | 5.0 | 5.0 | 4.9 |
| PST-5THM | 9.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.7 | 4.3 | 5.0 | 4.9 |
| RC4 | 9.0 | 5.0 | 5.0 | 4.7 | 4.7 | 5.0 | 5.0 | 5.0 | 4.9 |
| 3N1 | 9.0 | 4.7 | 5.3 | 5.0 | 5.3 | 4.3 | 4.0 | 4.7 | 4.8 |
| BULLSEYE | 9.0 | 5.3 | 4.7 | 5.0 | 5.0 | 4.3 | 4.3 | 4.7 | 4.8 |
| DLFPS-321/3679 | 9.0 | 5.0 | 5.0 | 4.7 | 4.3 | 4.3 | 5.0 | 5.0 | 4.8 |
| NATURALLY GREEN | 9.0 | 4.7 | 5.3 | 5.3 | 4.3 | 4.7 | 4.3 | 5.0 | 4.8 |
| PPG-TF 231 | 9.0 | 5.3 | 5.0 | 4.7 | 5.0 | 4.3 | 4.7 | 4.7 | 4.8 |
| BANDIT | 9.0 | 5.0 | 4.7 | 5.0 | 4.3 | 4.3 | 4.7 | 4.7 | 4.7 |
| DRAGSTER | 8.3 | 5.3 | 5.3 | 4.7 | 5.0 | 4.3 | 4.0 | 4.3 | 4.7 |
| PPG-TF 318 | 9.0 | 5.0 | 4.3 | 4.3 | 4.7 | 5.0 | 4.3 | 5.0 | 4.7 |
| PST-5MINK | 9.0 | 4.3 | 5.0 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| RAD-TF105 | 9.0 | 5.7 | 5.7 | 5.3 | 4.7 | 4.0 | 3.7 | 4.0 | 4.7 |
| ZION (BAR TF 134) | 9.0 | 4.7 | 4.7 | 4.7 | 4.7 | 4.3 | 5.0 | 5.0 | 4.7 |
| BAR-FA8230 | 9.0 | 5.3 | 4.3 | 4.7 | 4.3 | 4.3 | 4.3 | 4.7 | 4.6 |
| SETFM3 | 9.0 | 5.0 | 4.7 | 5.0 | 4.0 | 4.3 | 4.7 | 4.7 | 4.6 |
| TANGO | 9.0 | 4.7 | 4.7 | 4.7 | 4.3 | 4.7 | 4.7 | 4.7 | 4.6 |
| FAIRFIELD (SETF104) | 9.0 | 5.7 | 5.0 | 4.7 | 4.0 | 3.7 | 4.0 | 4.3 | 4.5 |
| SETFM2 | 9.0 | 5.0 | 4.7 | 5.0 | 4.3 | 4.0 | 4.0 | 4.7 | 4.5 |
| A-TF31 | 9.0 | 5.0 | 4.3 | 4.7 | 4.3 | 4.0 | 4.3 | 4.3 | 4.4 |
| BAR 9FE MAS | 9.0 | 5.3 | 4.7 | 4.7 | 4.3 | 3.7 | 3.7 | 4.3 | 4.4 |
| ESCALADE | 9.0 | 4.7 | 4.3 | 4.7 | 4.7 | 4.3 | 4.3 | 3.7 | 4.4 |
| GRO-PRO (SE53D2) | 9.0 | 5.0 | 5.0 | 5.0 | 4.3 | 4.0 | 3.7 | 3.7 | 4.4 |
| LBF | 8.3 | 5.0 | 4.3 | 4.7 | 4.0 | 4.0 | 4.3 | 4.3 | 4.4 |
| RAD-TF131 | 9.0 | 6.0 | 4.7 | 4.7 | 3.7 | 4.0 | 3.7 | 4.3 | 4.4 |
| AST8218LM | 9.0 | 4.7 | 4.3 | 4.7 | 4.7 | 3.7 | 4.0 | 4.3 | 4.3 |
| AST8118LM | 9.0 | 4.7 | 4.0 | 4.3 | 4.0 | 4.3 | 4.0 | 4.0 | 4.2 |
| ATF2116 | 9.0 | 4.7 | 4.7 | 4.7 | 4.0 | 4.0 | 4.0 | 3.7 | 4.2 |
| GRAND PRIX (FC15-01P) | 8.7 | 4.7 | 4.3 | 4.7 | 4.3 | 4.0 | 3.7 | 4.0 | 4.2 |
| OG-WALK | 9.0 | 4.7 | 4.0 | 4.0 | 4.3 | 4.0 | 4.0 | 4.3 | 4.2 |
| PST-5E6 | 8.7 | 4.3 | 5.0 | 4.3 | 4.3 | 4.0 | 3.7 | 4.0 | 4.2 |
| PST-5MCMO | 9.0 | 4.3 | 4.0 | 4.3 | 4.3 | 4.3 | 4.0 | 4.0 | 4.2 |
| RAD-TF115 (TURBO SS) | 8.3 | 5.3 | 5.0 | 4.3 | 3.7 | 3.7 | 4.0 | 3.7 | 4.2 |
| MONUMENT (PST-5SQB) | 9.0 | 4.3 | 4.0 | 3.7 | 4.7 | 4.0 | 4.0 | 4.0 | 4.1 |
| PALOMAR | 9.0 | 4.3 | 4.3 | 4.3 | 4.0 | 3.7 | 4.0 | 4.3 | 4.1 |
| PST-5GQ | 9.0 | 4.3 | 4.0 | 4.3 | 4.3 | 4.0 | 4.0 | 4.0 | 4.1 |
| NAI-FQZ-17 | 9.0 | 4.7 | 3.7 | 4.3 | 4.0 | 4.0 | 4.0 | 3.7 | 4.0 |
| SE5STAR | 9.0 | 4.7 | 4.3 | 4.0 | 3.3 | 3.7 | 3.7 | 4.0 | 4.0 |
| GO-AOMK | 9.0 | 4.0 | 3.7 | 4.0 | 3.7 | 3.7 | 4.0 | 3.7 | 3.8 |
| KENTUCKY-31 | 9.0 | 3.7 | 3.3 | 3.3 | 3.0 | 3.3 | 3.3 | 3.0 | 3.3 |
| LSD VALUE | 1.4 | 2.2 | 1.8 | 1.7 | 1.5 | 1.6 | 1.8 | 1.8 | 1.2 |
| C.V. (%) | 3.5 | 16.3 | 16.8 | 15.5 | 15.0 | 16.1 | 16.9 | 17.3 | 12.7 |

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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT MISS. ST., MS 1/
2021 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | SPRING DENSITY | WINTER COLOR | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|----------------------------|------------------|-----------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| PST-5GLBS | 6.0 | 6.3 | 7.0 | 6.0 | 3.7 | 3.7 | 5.0 | 6.0 | 6.7 | 6.0 | 6.0 | 4.0 | 2.0 | 3.0 | 4.0 | 4.7 | 4.6 |
| TITAN GLX (TF445) | 6.3 | 7.0 | 6.7 | 6.0 | 3.7 | 4.0 | 4.0 | 5.7 | 6.3 | 5.7 | 6.0 | 4.0 | 2.3 | 2.7 | 3.7 | 4.3 | 4.4 |
| PST-5E6 | 5.7 | 6.0 | 6.3 | 6.0 | 3.7 | 3.7 | 3.7 | 5.3 | 6.7 | 6.0 | 5.7 | 3.7 | 2.0 | 2.7 | 3.7 | 4.7 | 4.3 |
| ZION (BAR TF 134) | 6.7 | 7.0 | 6.3 | 6.0 | 4.0 | 4.3 | 4.3 | 6.7 | 7.0 | 5.3 | 5.3 | 4.3 | 1.7 | 1.7 | 2.3 | 3.0 | 4.2 |
| DLFPS-321/3701 | 6.7 | 6.7 | 6.7 | 6.0 | 3.3 | 3.3 | 4.0 | 6.7 | 6.3 | 5.3 | 5.7 | 3.7 | 1.7 | 2.7 | 3.3 | 3.0 | 4.1 |
| PST-5MCMO | 6.0 | 6.3 | 6.0 | 6.0 | 3.0 | 3.3 | 3.7 | 5.7 | 6.7 | 5.7 | 5.7 | 4.0 | 1.3 | 2.3 | 3.3 | 4.3 | 4.1 |
| AH1 | 6.7 | 6.7 | 6.7 | 6.0 | 3.7 | 4.0 | 4.3 | 6.0 | 7.3 | 5.3 | 5.7 | 3.7 | 1.3 | 1.7 | 2.3 | 2.7 | 4.0 |
| AVENGER III (PPG-TF 308) | 6.7 | 6.7 | 6.7 | 6.0 | 3.3 | 3.3 | 4.7 | 6.3 | 7.3 | 6.0 | 5.7 | 4.3 | 1.3 | 1.3 | 2.0 | 2.3 | 4.0 |
| DLFPS-321/3702 | 6.3 | 6.7 | 6.3 | 6.0 | 3.7 | 3.7 | 4.0 | 5.7 | 6.7 | 5.3 | 5.3 | 4.7 | 1.3 | 2.3 | 2.7 | 2.7 | 4.0 |
| DLFPS-321/3705 | 6.3 | 6.7 | 6.0 | 6.0 | 3.7 | 4.0 | 4.0 | 5.3 | 7.0 | 6.0 | 6.0 | 3.7 | 1.3 | 1.3 | 2.7 | 2.7 | 4.0 |
| FIRENZA II (PPG-TF 244) | 6.3 | 7.0 | 7.0 | 6.0 | 3.3 | 4.0 | 4.0 | 5.3 | 7.0 | 5.3 | 5.3 | 4.0 | 1.7 | 2.0 | 3.0 | 3.3 | 4.0 |
| PPG-TF 262 | 6.7 | 6.7 | 6.7 | 6.0 | 4.0 | 4.3 | 4.3 | 5.7 | 6.3 | 5.3 | 6.0 | 4.7 | 1.3 | 1.3 | 1.7 | 2.7 | 4.0 |
| TD2 | 6.3 | 7.0 | 7.0 | 6.0 | 3.7 | 4.0 | 4.0 | 5.3 | 6.3 | 5.7 | 5.7 | 4.3 | 1.3 | 2.0 | 2.7 | 3.0 | 4.0 |
| TEACHER (PPG-TF 313) | 6.3 | 6.3 | 7.0 | 6.0 | 3.7 | 4.0 | 4.0 | 5.7 | 7.0 | 5.3 | 5.3 | 4.0 | 1.7 | 2.0 | 2.0 | 3.0 | 4.0 |
| TITAN MAX (TF456) | 5.7 | 6.7 | 6.7 | 6.0 | 3.7 | 4.0 | 4.0 | 5.3 | 7.3 | 5.7 | 5.7 | 3.7 | 1.3 | 1.7 | 2.3 | 3.0 | 4.0 |
| TITANIUM G-LS (PPG-TF 255) | 6.3 | 7.0 | 6.7 | 5.7 | 3.7 | 4.0 | 4.0 | 6.0 | 6.7 | 5.3 | 5.3 | 4.0 | 1.7 | 1.3 | 2.7 | 3.0 | 4.0 |
| AH2 | 6.0 | 6.3 | 6.3 | 6.0 | 3.3 | 4.0 | 4.3 | 5.7 | 6.3 | 5.7 | 5.3 | 4.3 | 1.3 | 2.0 | 2.0 | 3.0 | 3.9 |
| DLFPS-TF/3550 | 6.0 | 6.7 | 6.0 | 6.0 | 3.3 | 3.3 | 4.3 | 5.7 | 7.0 | 5.3 | 5.3 | 3.7 | 1.3 | 2.0 | 2.3 | 3.3 | 3.9 |
| NT-3 | 6.3 | 6.3 | 6.3 | 5.3 | 3.7 | 4.0 | 4.0 | 5.3 | 7.0 | 5.7 | 6.0 | 4.3 | 1.3 | 1.3 | 1.7 | 2.3 | 3.9 |
| PPG-TF 337 | 6.7 | 6.7 | 7.0 | 6.0 | 3.3 | 3.0 | 4.0 | 6.0 | 7.0 | 6.0 | 6.0 | 4.0 | 1.3 | 1.3 | 2.0 | 2.3 | 3.9 |
| PST-5GQ | 6.3 | 6.7 | 6.0 | 6.0 | 3.3 | 4.0 | 3.7 | 5.0 | 6.7 | 5.7 | 6.3 | 3.7 | 1.7 | 1.7 | 2.3 | 3.3 | 3.9 |
| RHF | 5.7 | 6.7 | 7.0 | 6.0 | 3.3 | 4.0 | 4.0 | 5.0 | 7.0 | 5.3 | 6.0 | 3.7 | 1.3 | 1.7 | 3.0 | 3.0 | 3.9 |
| SYMPHONY (PPG-TF 305) | 6.3 | 6.3 | 7.0 | 5.7 | 3.0 | 3.3 | 3.7 | 5.7 | 6.7 | 5.0 | 5.3 | 4.0 | 1.7 | 2.0 | 2.7 | 3.7 | 3.9 |
| TRIAD (PPG-TF 323) | 6.3 | 6.3 | 6.3 | 6.0 | 3.0 | 3.3 | 4.0 | 5.3 | 6.7 | 6.0 | 6.0 | 4.0 | 1.3 | 2.0 | 2.3 | 3.0 | 3.9 |
| BAR-FA8230 | 6.0 | 6.3 | 6.3 | 6.0 | 3.0 | 3.7 | 3.3 | 5.3 | 6.0 | 4.7 | 5.0 | 3.7 | 1.7 | 1.7 | 3.3 | 4.7 | 3.8 |
| BONFIRE (JS DTT) | 7.0 | 6.7 | 7.0 | 6.0 | 3.3 | 3.7 | 4.3 | 5.3 | 6.7 | 5.7 | 6.3 | 3.3 | 1.0 | 1.3 | 2.0 | 2.3 | 3.8 |
| BULLSEYE LTZ | 5.7 | 6.3 | 6.3 | 6.0 | 3.3 | 4.0 | 3.3 | 4.7 | 7.0 | 5.0 | 5.7 | 4.0 | 1.7 | 1.7 | 2.3 | 3.0 | 3.8 |
| COL-TF-148 | 6.3 | 6.7 | 6.7 | 6.0 | 3.3 | 3.3 | 3.7 | 5.7 | 6.0 | 5.0 | 5.7 | 3.7 | 1.3 | 2.0 | 3.0 | 3.3 | 3.8 |
| DEGAS (LTP-TF-111) | 6.3 | 6.7 | 6.7 | 6.0 | 3.7 | 3.7 | 4.7 | 5.3 | 6.7 | 5.7 | 6.0 | 3.3 | 1.0 | 1.7 | 2.0 | 2.3 | 3.8 |
| DLFPS-321/3708 | 6.7 | 7.0 | 6.7 | 5.0 | 3.0 | 3.7 | 3.3 | 5.3 | 6.3 | 5.3 | 5.3 | 4.3 | 1.3 | 1.7 | 2.3 | 3.0 | 3.8 |
| DLFPS-TF/3553 | 6.0 | 7.0 | 6.0 | 6.0 | 3.3 | 3.7 | 3.7 | 4.3 | 6.3 | 5.3 | 5.7 | 3.7 | 1.7 | 2.0 | 3.0 | 3.3 | 3.8 |
| DRAGSTER | 6.3 | 6.0 | 6.3 | 6.0 | 3.3 | 4.0 | 3.7 | 5.7 | 7.0 | 5.7 | 5.3 | 3.7 | 1.3 | 1.3 | 2.3 | 2.7 | 3.8 |
| GLX ACED (PST-5DART) | 6.7 | 6.0 | 6.7 | 6.0 | 3.3 | 4.0 | 3.0 | 5.7 | 6.7 | 5.3 | 5.3 | 3.7 | 1.3 | 1.7 | 2.3 | 3.3 | 3.8 |
| GO-RH20 | 5.7 | 6.7 | 6.0 | 5.7 | 3.3 | 4.0 | 3.7 | 4.7 | 6.3 | 5.3 | 5.3 | 3.3 | 1.7 | 1.7 | 2.7 | 3.0 | 3.8 |
| K18-RS6 | 6.0 | 7.0 | 6.7 | 5.7 | 3.7 | 4.0 | 4.0 | 5.0 | 6.7 | 5.3 | 5.7 | 4.3 | 1.0 | 1.7 | 2.0 | 2.3 | 3.8 |
| KIZZLE (K18-ROE) | 6.0 | 6.3 | 6.3 | 6.0 | 3.0 | 3.3 | 3.7 | 5.0 | 6.3 | 5.7 | 5.7 | 2.7 | 2.0 | 2.0 | 2.7 | 3.0 | 3.8 |
| NAI-ROS4 | 6.7 | 6.3 | 6.7 | 6.0 | 3.3 | 3.7 | 4.3 | 5.3 | 6.7 | 5.0 | 5.0 | 4.0 | 1.3 | 2.0 | 2.3 | 3.0 | 3.8 |
| NAI-ST5 | 7.0 | 6.3 | 6.7 | 6.0 | 2.7 | 3.7 | 3.7 | 5.3 | 6.0 | 5.3 | 5.7 | 4.0 | 1.7 | 2.0 | 2.7 | 3.0 | 3.8 |
| PPG-TF 316 | 6.0 | 7.0 | 7.0 | 5.7 | 3.3 | 4.0 | 3.7 | 5.0 | 6.3 | 5.3 | 5.0 | 4.0 | 1.7 | 1.7 | 2.3 | 2.7 | 3.8 |
| RC4 | 6.3 | 6.0 | 7.0 | 6.0 | 3.3 | 3.7 | 4.0 | 5.0 | 7.0 | 5.7 | 5.3 | 3.7 | 1.0 | 2.0 | 2.3 | 2.3 | 3.8 |
| SERENADE (PPG-TF 320) | 6.7 | 6.3 | 6.7 | 6.0 | 3.0 | 3.3 | 3.3 | 5.3 | 7.0 | 6.0 | 5.3 | 3.7 | 1.3 | 1.7 | 2.0 | 3.0 | 3.8 |
| XANADU (JT 268) | 7.0 | 6.7 | 6.7 | 6.0 | 3.3 | 3.7 | 4.0 | 5.7 | 6.7 | 5.0 | 5.7 | 3.7 | 1.3 | 1.7 | 2.0 | 3.0 | 3.8 |
| ATF2116 | 7.0 | 6.3 | 6.7 | 5.7 | 2.7 | 3.3 | 3.3 | 5.3 | 6.0 | 4.3 | 5.3 | 3.3 | 2.0 | 2.0 | 3.3 | 3.7 | 3.7 |
| BAR FA 8228 | 6.0 | 5.7 | 6.0 | 5.7 | 3.0 | 3.7 | 3.7 | 5.0 | 6.3 | 4.3 | 5.0 | 3.0 | 1.3 | 2.0 | 3.0 | 4.0 | 3.7 |
| DLFPS-321/3679 | 6.0 | 6.7 | 6.3 | 6.0 | 3.0 | 3.3 | 3.7 | 4.7 | 5.7 | 5.3 | 5.0 | 3.3 | 1.7 | 2.0 | 2.7 | 3.7 | 3.7 |

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT MISS. ST., MS 1/
2021 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | SPRING DENSITY | WINTER COLOR | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|-------------------------------|------------------|-----------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| DLFPS-321/3696 | 7.0 | 6.7 | 6.7 | 6.0 | 2.3 | 3.0 | 3.7 | 5.0 | 6.3 | 5.0 | 5.0 | 2.3 | 2.0 | 2.3 | 3.3 | 3.7 | 3.7 |
| DLFPS-321/3707 | 6.7 | 6.7 | 6.7 | 6.0 | 3.0 | 3.7 | 4.0 | 5.3 | 6.3 | 5.0 | 5.3 | 4.0 | 1.3 | 2.0 | 1.7 | 2.3 | 3.7 |
| PPG-TF 257 | 7.0 | 6.3 | 6.3 | 6.0 | 3.0 | 3.7 | 3.3 | 5.7 | 6.7 | 5.3 | 5.7 | 3.7 | 1.0 | 1.7 | 2.3 | 2.7 | 3.7 |
| PST-5DZM | 6.0 | 6.0 | 6.3 | 5.3 | 3.0 | 2.7 | 2.7 | 4.3 | 5.7 | 5.0 | 5.0 | 3.0 | 2.0 | 2.7 | 3.7 | 4.3 | 3.7 |
| PST-5THM | 6.0 | 7.0 | 6.3 | 6.0 | 3.0 | 3.3 | 4.0 | 5.0 | 5.3 | 5.7 | 5.7 | 2.0 | 1.7 | 2.3 | 2.7 | 3.7 | 3.7 |
| RH1 | 6.0 | 6.3 | 7.0 | 6.0 | 3.3 | 3.7 | 3.7 | 6.0 | 6.3 | 5.3 | 5.3 | 2.7 | 1.3 | 1.7 | 2.3 | 3.0 | 3.7 |
| TANK (PPG-TF 338) | 7.3 | 6.7 | 7.0 | 6.0 | 3.3 | 3.3 | 3.7 | 5.7 | 6.7 | 5.3 | 5.3 | 3.3 | 1.3 | 1.3 | 2.3 | 2.7 | 3.7 |
| BY-TF-169 | 6.0 | 6.7 | 6.3 | 6.0 | 3.0 | 3.3 | 3.7 | 5.3 | 6.3 | 5.7 | 5.3 | 3.3 | 1.3 | 1.3 | 2.0 | 2.7 | 3.6 |
| DLFPS-321/3706 | 5.7 | 6.7 | 7.0 | 6.0 | 3.3 | 3.7 | 3.7 | 4.7 | 6.3 | 5.3 | 5.0 | 3.7 | 1.0 | 1.7 | 2.0 | 2.3 | 3.6 |
| FIREHAWK SLT | 6.7 | 6.0 | 6.0 | 6.0 | 3.0 | 4.0 | 3.7 | 4.7 | 6.7 | 5.3 | 5.3 | 3.3 | 1.0 | 2.0 | 1.7 | 2.3 | 3.6 |
| GRANDE 3 | 6.0 | 6.0 | 6.7 | 6.7 | 3.0 | 3.7 | 3.0 | 4.7 | 6.0 | 5.0 | 5.3 | 3.3 | 1.7 | 1.7 | 2.7 | 3.7 | 3.6 |
| HEMI | 6.0 | 6.7 | 6.0 | 5.7 | 3.0 | 3.7 | 3.7 | 5.0 | 6.3 | 5.0 | 5.7 | 3.0 | 1.3 | 1.3 | 2.3 | 2.3 | 3.6 |
| PPG-TF 267 | 6.7 | 6.7 | 6.0 | 6.0 | 3.0 | 3.0 | 4.0 | 4.7 | 7.0 | 5.0 | 5.3 | 3.7 | 1.0 | 1.7 | 2.0 | 2.3 | 3.6 |
| PPG-TF 306 | 6.7 | 6.3 | 6.3 | 6.0 | 3.7 | 4.0 | 3.3 | 4.7 | 6.7 | 5.3 | 5.7 | 4.0 | 1.0 | 1.3 | 2.0 | 2.0 | 3.6 |
| RAPTOR III | 6.7 | 6.7 | 6.3 | 6.0 | 3.0 | 3.3 | 3.3 | 5.3 | 6.7 | 5.0 | 4.7 | 3.3 | 1.0 | 2.0 | 2.7 | 2.7 | 3.6 |
| RS1 | 6.3 | 6.7 | 6.7 | 6.0 | 3.0 | 3.3 | 3.7 | 5.3 | 6.3 | 5.3 | 5.3 | 3.3 | 1.0 | 1.7 | 2.0 | 2.3 | 3.6 |
| SPYDER 2LS (ZRC1) | 6.0 | 6.7 | 6.7 | 6.0 | 3.0 | 3.7 | 4.0 | 4.0 | 6.7 | 5.3 | 5.7 | 4.3 | 1.3 | 1.3 | 2.0 | 2.0 | 3.6 |
| 5LSS | 5.7 | 6.3 | 6.7 | 5.7 | 3.3 | 3.3 | 3.3 | 4.0 | 6.7 | 5.0 | 5.7 | 3.3 | 1.3 | 1.3 | 2.0 | 2.3 | 3.5 |
| ATF1768 | 5.7 | 6.0 | 6.3 | 5.7 | 2.7 | 3.3 | 3.0 | 4.3 | 6.3 | 5.3 | 5.3 | 2.7 | 1.7 | 1.7 | 2.3 | 3.7 | 3.5 |
| DLFPS-321/3699 | 6.3 | 6.3 | 6.7 | 6.0 | 2.7 | 3.0 | 2.7 | 4.3 | 5.3 | 5.3 | 5.3 | 2.0 | 1.7 | 2.7 | 3.3 | 4.0 | 3.5 |
| DLFPS-TF/3552 | 7.0 | 7.0 | 6.0 | 6.0 | 3.0 | 3.0 | 3.3 | 5.7 | 6.3 | 4.3 | 5.0 | 4.3 | 1.0 | 1.7 | 1.7 | 3.0 | 3.5 |
| DYNAMITE G-LS (PPG-TF 254) | 6.0 | 6.7 | 6.7 | 5.7 | 2.7 | 3.0 | 3.3 | 5.3 | 6.0 | 5.0 | 5.0 | 3.3 | 1.3 | 1.7 | 2.3 | 3.0 | 3.5 |
| FIRECRACKER G-LS (PPG-TF 315) | 6.7 | 6.7 | 7.0 | 6.0 | 3.0 | 3.0 | 4.0 | 6.0 | 6.0 | 5.3 | 5.7 | 3.0 | 1.0 | 1.3 | 1.7 | 2.3 | 3.5 |
| JT 517 | 6.7 | 6.0 | 6.3 | 6.0 | 2.3 | 3.0 | 3.7 | 5.0 | 6.0 | 5.0 | 4.7 | 2.7 | 1.3 | 2.3 | 2.3 | 3.3 | 3.5 |
| PST-5DC24 | 6.3 | 6.0 | 6.0 | 5.7 | 3.0 | 3.3 | 2.7 | 4.0 | 5.7 | 5.3 | 4.7 | 3.0 | 1.7 | 2.0 | 2.7 | 3.7 | 3.5 |
| PST-5TRN | 6.7 | 6.7 | 6.3 | 6.0 | 2.3 | 3.3 | 3.7 | 4.7 | 6.7 | 5.3 | 5.3 | 3.3 | 1.3 | 1.7 | 2.0 | 2.7 | 3.5 |
| STEALTH (PPG-TF 238) | 6.7 | 7.0 | 6.0 | 6.0 | 3.0 | 3.0 | 4.3 | 5.3 | 6.3 | 5.3 | 5.0 | 3.0 | 1.3 | 1.3 | 2.0 | 2.3 | 3.5 |
| DLFPS-321/3693 | 6.3 | 6.7 | 7.0 | 6.0 | 2.7 | 3.3 | 3.0 | 5.0 | 6.0 | 4.7 | 5.0 | 3.0 | 1.3 | 2.0 | 2.3 | 2.3 | 3.4 |
| FAIRFIELD (SETF104) | 6.3 | 7.0 | 6.7 | 6.0 | 3.0 | 3.7 | 3.0 | 4.3 | 6.0 | 4.7 | 5.3 | 3.0 | 1.3 | 1.7 | 2.3 | 2.7 | 3.4 |
| K18-NSE | 5.7 | 6.3 | 7.0 | 6.0 | 2.7 | 3.7 | 3.3 | 4.7 | 6.3 | 5.7 | 5.3 | 3.7 | 1.0 | 1.0 | 1.3 | 1.7 | 3.4 |
| OKEEFE (LTP-TF-122) | 6.0 | 6.3 | 6.3 | 6.0 | 2.3 | 3.0 | 3.7 | 4.7 | 6.0 | 5.0 | 5.0 | 3.0 | 1.3 | 1.7 | 2.0 | 2.7 | 3.4 |
| PPG-TF 249 | 6.7 | 6.0 | 6.7 | 6.0 | 2.7 | 3.3 | 3.7 | 4.3 | 5.3 | 4.7 | 5.0 | 3.0 | 1.3 | 2.0 | 2.0 | 3.3 | 3.4 |
| RHL2 | 6.7 | 7.0 | 6.7 | 6.0 | 3.0 | 3.3 | 3.7 | 6.0 | 6.7 | 5.0 | 5.0 | 3.7 | 1.0 | 1.0 | 1.3 | 1.7 | 3.4 |
| DLFPS-321/3695 | 6.0 | 6.3 | 6.7 | 6.0 | 2.0 | 2.3 | 3.3 | 5.0 | 5.3 | 5.0 | 5.0 | 3.3 | 1.3 | 1.7 | 2.3 | 2.7 | 3.3 |
| DLFPS-321/3703 | 7.0 | 6.3 | 6.3 | 6.0 | 2.0 | 3.0 | 3.7 | 5.0 | 5.7 | 4.7 | 4.7 | 2.3 | 1.3 | 2.3 | 2.3 | 2.3 | 3.3 |
| K18-WB1 | 6.3 | 6.3 | 6.7 | 6.0 | 2.7 | 3.3 | 4.0 | 5.7 | 6.0 | 4.7 | 5.0 | 3.3 | 1.0 | 1.3 | 1.3 | 1.7 | 3.3 |
| RAPTOR LS (PPG-TF 336) | 6.7 | 6.3 | 6.7 | 6.0 | 2.7 | 2.7 | 3.3 | 4.3 | 5.3 | 4.7 | 5.0 | 3.0 | 1.3 | 2.0 | 2.3 | 3.0 | 3.3 |
| RDC | 6.0 | 6.7 | 6.7 | 5.3 | 2.7 | 2.7 | 3.3 | 5.0 | 6.0 | 4.7 | 5.3 | 3.0 | 1.0 | 1.7 | 1.3 | 2.3 | 3.3 |
| SETFM3 | 6.7 | 6.0 | 6.0 | 6.0 | 2.3 | 3.0 | 3.3 | 4.7 | 5.7 | 4.7 | 4.7 | 2.7 | 1.7 | 1.7 | 2.3 | 3.0 | 3.3 |
| MOONDANCE GLX | 6.3 | 6.0 | 6.7 | 6.0 | 2.0 | 2.7 | 3.0 | 4.7 | 6.0 | 5.7 | 5.0 | 2.0 | 1.0 | 1.3 | 2.0 | 2.7 | 3.2 |
| PADRE 2 | 7.0 | 6.7 | 6.7 | 6.0 | 2.3 | 3.3 | 4.0 | 5.7 | 6.0 | 4.7 | 5.0 | 2.7 | 1.0 | 1.0 | 1.3 | 1.3 | 3.2 |
| RAD-TF131 | 7.0 | 6.7 | 6.7 | 5.0 | 3.0 | 3.0 | 3.3 | 5.3 | 6.3 | 4.3 | 4.3 | 3.0 | 1.0 | 1.0 | 1.7 | 2.0 | 3.2 |
| TANGO | 6.3 | 6.3 | 6.0 | 5.7 | 2.7 | 2.7 | 3.3 | 4.7 | 5.3 | 4.3 | 4.3 | 2.0 | 1.7 | 2.0 | 2.0 | 3.3 | 3.2 |
| 3B2 | 6.3 | 6.0 | 6.7 | 6.0 | 2.0 | 2.7 | 3.3 | 5.3 | 5.7 | 5.0 | 4.3 | 1.3 | 1.0 | 1.3 | 2.3 | 2.7 | 3.1 |
| GALACTIC (SESCR1) | 6.0 | 6.7 | 6.7 | 6.0 | 2.3 | 3.0 | 3.0 | 4.0 | 5.3 | 5.0 | 5.0 | 2.7 | 1.3 | 1.3 | 1.7 | 3.0 | 3.1 |

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT MISS. ST., MS 1/
2021 DATA

| NAME | GENETIC COLOR | LEAF TEXTURE | SPRING DENSITY | WINTER COLOR | TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ | | | | | | | | | | | | MEAN |
|------------------------|------------------|-----------------|-------------------|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| GO-AOMK | 6.7 | 6.0 | 6.0 | 5.3 | 2.0 | 2.3 | 3.0 | 4.3 | 5.7 | 4.7 | 4.7 | 2.3 | 1.3 | 2.0 | 2.3 | 2.7 | 3.1 |
| GRO-PRO (SE53D2) | 6.3 | 6.0 | 6.3 | 6.0 | 2.3 | 2.3 | 3.0 | 4.3 | 6.0 | 5.0 | 4.7 | 1.3 | 1.3 | 1.3 | 2.3 | 3.3 | 3.1 |
| MONUMENT (PST-5SQB) | 6.3 | 6.0 | 6.7 | 6.0 | 2.3 | 3.3 | 3.3 | 4.0 | 5.7 | 5.0 | 4.7 | 1.7 | 1.0 | 1.3 | 2.3 | 2.7 | 3.1 |
| PRO GOLD | 6.7 | 6.0 | 6.3 | 6.0 | 1.7 | 2.7 | 3.0 | 4.3 | 5.3 | 4.3 | 4.7 | 1.7 | 1.3 | 2.3 | 2.3 | 3.7 | 3.1 |
| RAD-TF115 (TURBO SS) | 6.3 | 7.0 | 5.3 | 5.3 | 2.3 | 2.7 | 3.3 | 4.7 | 5.7 | 4.0 | 4.3 | 3.0 | 1.0 | 1.3 | 2.0 | 2.3 | 3.1 |
| RH3 | 6.0 | 5.7 | 7.0 | 5.3 | 2.7 | 3.0 | 3.0 | 4.0 | 5.7 | 5.0 | 5.0 | 3.0 | 1.0 | 1.7 | 1.3 | 2.0 | 3.1 |
| SETFM2 | 7.3 | 7.0 | 6.3 | 5.7 | 2.0 | 3.0 | 3.3 | 4.0 | 6.0 | 4.0 | 4.0 | 2.3 | 1.3 | 1.7 | 2.3 | 3.0 | 3.1 |
| LBF | 7.0 | 6.3 | 5.7 | 5.7 | 1.7 | 2.3 | 2.3 | 4.7 | 5.3 | 4.3 | 4.0 | 2.0 | 1.3 | 2.0 | 3.0 | 3.3 | 3.0 |
| PST-5MINK | 7.0 | 6.0 | 6.0 | 6.0 | 1.7 | 3.0 | 3.3 | 5.3 | 5.7 | 4.7 | 4.7 | 2.0 | 1.0 | 1.0 | 1.7 | 2.3 | 3.0 |
| TMT1 | 6.7 | 6.7 | 7.0 | 6.0 | 1.7 | 2.3 | 2.7 | 5.0 | 5.0 | 4.7 | 4.0 | 1.7 | 1.3 | 2.3 | 2.7 | 3.0 | 3.0 |
| KENTUCKY-31 | 5.0 | 5.0 | 5.0 | 5.7 | 1.7 | 2.3 | 2.7 | 4.0 | 5.0 | 3.0 | 3.0 | 1.7 | 2.0 | 2.0 | 3.3 | 4.0 | 2.9 |
| NATURALLY GREEN | 6.7 | 6.7 | 5.7 | 6.0 | 1.7 | 2.7 | 2.7 | 4.0 | 5.0 | 4.0 | 4.0 | 2.0 | 1.3 | 2.0 | 2.3 | 2.7 | 2.9 |
| PARAMOUNT | 6.7 | 6.3 | 6.7 | 6.0 | 2.0 | 2.0 | 3.0 | 4.3 | 6.0 | 4.7 | 4.7 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.9 |
| PPG-TF 312 | 6.3 | 6.0 | 6.7 | 6.0 | 2.3 | 2.3 | 3.3 | 3.7 | 4.7 | 4.3 | 4.7 | 2.7 | 1.3 | 1.3 | 1.7 | 2.0 | 2.9 |
| PPG-TF 318 | 6.0 | 6.0 | 6.7 | 6.0 | 2.0 | 2.7 | 3.0 | 4.7 | 5.7 | 4.3 | 4.3 | 2.3 | 1.0 | 1.3 | 1.7 | 1.7 | 2.9 |
| RAD-TF105 | 7.0 | 6.3 | 7.0 | 5.3 | 2.0 | 3.0 | 3.0 | 4.7 | 5.3 | 4.3 | 4.3 | 2.3 | 1.0 | 1.3 | 1.7 | 2.3 | 2.9 |
| SE5STAR | 7.0 | 6.0 | 6.3 | 5.7 | 2.0 | 2.3 | 2.7 | 4.3 | 5.3 | 4.3 | 4.3 | 2.3 | 1.7 | 1.3 | 1.7 | 3.0 | 2.9 |
| TOUGH (NAI-TUE) | 8.0 | 7.0 | 6.3 | 5.3 | 1.3 | 2.3 | 3.3 | 4.7 | 5.3 | 4.7 | 4.7 | 2.3 | 1.0 | 1.3 | 1.3 | 2.0 | 2.9 |
| AST8218LM | 7.7 | 6.7 | 6.0 | 5.7 | 2.0 | 2.7 | 2.7 | 4.0 | 5.7 | 4.0 | 4.0 | 2.0 | 1.0 | 1.0 | 1.7 | 2.3 | 2.8 |
| BGR-TF3 | 7.7 | 5.7 | 6.3 | 5.7 | 1.7 | 2.3 | 3.0 | 4.0 | 5.3 | 4.0 | 3.7 | 1.0 | 1.7 | 1.7 | 2.0 | 2.7 | 2.8 |
| ESCALADE | 7.0 | 5.7 | 6.0 | 6.0 | 1.3 | 2.0 | 3.0 | 4.3 | 5.0 | 4.0 | 4.0 | 2.3 | 1.0 | 1.3 | 2.0 | 2.7 | 2.8 |
| JT 233 | 7.7 | 6.3 | 6.3 | 5.7 | 1.7 | 2.7 | 3.0 | 5.0 | 5.3 | 4.7 | 4.7 | 1.7 | 1.0 | 1.0 | 1.3 | 1.7 | 2.8 |
| LIFEGUARD | 5.7 | 5.7 | 7.0 | 6.0 | 2.0 | 2.7 | 2.3 | 4.0 | 5.0 | 4.3 | 4.7 | 2.0 | 1.0 | 1.3 | 1.7 | 2.0 | 2.8 |
| PPG-TF 231 | 6.7 | 6.3 | 7.0 | 6.0 | 2.0 | 2.0 | 2.7 | 4.3 | 5.0 | 4.7 | 4.3 | 1.3 | 1.0 | 1.7 | 2.0 | 2.3 | 2.8 |
| PST-5BYOB | 6.3 | 6.0 | 6.0 | 6.0 | 1.7 | 2.3 | 3.0 | 5.0 | 5.0 | 4.7 | 4.0 | 1.7 | 1.0 | 1.0 | 2.0 | 2.3 | 2.8 |
| TALLADEGA II (NAI-3N2) | 7.0 | 5.7 | 6.7 | 6.0 | 1.7 | 2.0 | 2.7 | 3.7 | 5.7 | 4.7 | 4.7 | 2.0 | 1.0 | 1.3 | 1.7 | 2.3 | 2.8 |
| BULLSEYE | 6.7 | 6.7 | 7.0 | 6.0 | 1.7 | 2.3 | 3.3 | 4.3 | 5.3 | 4.0 | 4.3 | 1.7 | 1.0 | 1.0 | 1.7 | 2.0 | 2.7 |
| DLFPS-321/3694 | 6.7 | 6.0 | 6.7 | 6.0 | 1.7 | 2.3 | 2.3 | 4.3 | 5.0 | 4.0 | 4.3 | 1.7 | 1.3 | 1.7 | 1.3 | 2.7 | 2.7 |
| FAYETTE | 6.3 | 6.0 | 6.3 | 6.0 | 1.7 | 2.0 | 3.7 | 4.0 | 5.0 | 4.3 | 4.3 | 2.0 | 1.0 | 1.0 | 1.3 | 2.3 | 2.7 |
| PALOMAR | 6.3 | 5.3 | 6.3 | 6.0 | 1.7 | 2.0 | 2.7 | 4.0 | 5.0 | 4.0 | 3.7 | 2.0 | 1.3 | 1.3 | 2.3 | 2.7 | 2.7 |
| 3N1 | 6.7 | 6.0 | 6.0 | 6.0 | 2.0 | 2.0 | 3.0 | 4.0 | 5.0 | 4.3 | 4.7 | 1.7 | 1.0 | 1.3 | 1.3 | 1.3 | 2.6 |
| A-TF31 | 6.7 | 5.3 | 5.7 | 6.0 | 1.7 | 2.0 | 2.3 | 3.3 | 5.3 | 4.0 | 3.7 | 1.7 | 1.3 | 1.3 | 2.0 | 2.7 | 2.6 |
| AST8118LM | 7.3 | 5.7 | 6.0 | 5.7 | 1.0 | 2.0 | 3.0 | 3.7 | 5.0 | 3.3 | 3.7 | 1.3 | 1.0 | 1.7 | 2.0 | 3.0 | 2.6 |
| BRAVO 2 | 6.7 | 5.7 | 7.0 | 5.0 | 1.7 | 2.0 | 2.7 | 4.0 | 5.0 | 4.0 | 4.0 | 1.7 | 1.0 | 1.0 | 2.0 | 2.3 | 2.6 |
| COPIOUS TF | 7.7 | 6.3 | 6.0 | 5.7 | 1.7 | 2.7 | 2.3 | 3.7 | 5.3 | 4.0 | 4.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.6 |
| GRAND PRIX (FC15-01P) | 6.0 | 6.0 | 6.0 | 6.0 | 2.0 | 2.3 | 2.7 | 3.7 | 4.7 | 4.0 | 3.7 | 1.7 | 1.0 | 1.3 | 2.0 | 2.0 | 2.6 |
| NAI-FQZ-17 | 7.3 | 6.0 | 6.3 | 5.3 | 2.0 | 2.7 | 2.0 | 3.3 | 5.3 | 4.0 | 4.3 | 1.7 | 1.0 | 1.3 | 1.7 | 2.0 | 2.6 |
| BANDIT | 7.7 | 5.7 | 6.0 | 6.0 | 1.7 | 2.0 | 2.7 | 3.7 | 5.0 | 4.0 | 4.0 | 1.7 | 1.0 | 1.0 | 1.7 | 1.7 | 2.5 |
| BAR 9FE MAS | 6.7 | 5.7 | 6.0 | 6.0 | 1.3 | 2.0 | 2.7 | 4.0 | 4.7 | 3.3 | 4.0 | 1.3 | 1.0 | 1.7 | 2.0 | 2.3 | 2.5 |
| OG-WALK | 6.3 | 5.7 | 6.3 | 5.7 | 1.3 | 2.0 | 2.3 | 3.7 | 4.7 | 3.7 | 3.7 | 2.0 | 1.0 | 1.3 | 1.7 | 3.0 | 2.5 |
| BIRMINGHAM | 7.3 | 6.0 | 6.0 | 5.7 | 1.0 | 1.7 | 2.7 | 3.3 | 4.7 | 3.7 | 4.0 | 2.0 | 1.3 | 1.0 | 1.7 | 2.0 | 2.4 |
| ESTRENA | 6.7 | 6.0 | 6.7 | 6.0 | 1.3 | 2.0 | 2.7 | 3.0 | 4.3 | 4.0 | 4.0 | 1.0 | 1.3 | 1.0 | 1.3 | 1.7 | 2.3 |
| LSD VALUE | 1.3 | 1.4 | 0.9 | 0.6 | 1.1 | 1.0 | 1.3 | 2.0 | 1.2 | 1.0 | 1.1 | 1.1 | 1.6 | 1.4 | 1.5 | 1.7 | 0.6 |
| C.V. (%) | 9.8 | 9.1 | 7.2 | 4.9 | 25.4 | 19.3 | 19.8 | 19.4 | 11.7 | 12.3 | 12.8 | 23.9 | 35.9 | 36.2 | 32.7 | 30.4 | 11.8 |

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 2018 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2021 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | SPRING DENSITY | FALL DENSITY | COLOR NOVEMBER | BROWN PATCH | | QUALITY RATINGS | | | | | | | | | | | |
|----------------------------|------------------|-----------------|-------------------|-----------------|-------------------|-------------|------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | | JUNE | JULY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| DLFPS-321/3705 | 7.0 | 7.0 | 8.0 | 7.7 | 8.0 | 7.7 | 6.7 | 6.0 | 5.0 | 6.0 | 7.0 | 7.7 | 7.3 | 6.7 | 6.0 | 7.0 | 7.7 | 8.0 | 6.8 |
| FIRENZA II (PPG-TF 244) | 7.7 | 7.0 | 8.0 | 8.0 | 8.0 | 6.3 | 6.0 | 6.0 | 5.0 | 5.7 | 7.0 | 8.0 | 6.7 | 5.7 | 5.3 | 6.7 | 7.7 | 8.3 | 6.5 |
| RH1 | 8.0 | 7.0 | 8.0 | 7.3 | 8.0 | 7.7 | 4.7 | 6.3 | 5.3 | 6.0 | 7.3 | 7.7 | 7.7 | 5.3 | 4.7 | 6.0 | 7.0 | 7.7 | 6.5 |
| DLFPS-321/3707 | 8.0 | 7.0 | 7.7 | 8.0 | 8.0 | 7.3 | 5.3 | 5.3 | 5.0 | 5.0 | 7.0 | 8.0 | 7.0 | 5.7 | 5.0 | 6.3 | 7.3 | 8.3 | 6.4 |
| AH1 | 7.3 | 8.0 | 7.7 | 8.3 | 8.0 | 7.7 | 4.7 | 4.7 | 4.7 | 5.7 | 6.3 | 7.7 | 7.3 | 5.3 | 5.0 | 7.0 | 7.7 | 8.3 | 6.3 |
| PST-5BYOB | 7.7 | 6.3 | 8.0 | 7.7 | 8.0 | 7.7 | 6.0 | 5.3 | 4.3 | 5.0 | 6.7 | 8.0 | 6.7 | 5.7 | 5.3 | 6.7 | 7.7 | 8.0 | 6.3 |
| TITANIUM G-LS (PPG-TF 255) | 7.7 | 7.7 | 8.0 | 7.3 | 8.0 | 7.7 | 6.3 | 5.0 | 4.7 | 4.7 | 6.7 | 7.7 | 7.7 | 6.3 | 5.0 | 5.7 | 8.0 | 8.0 | 6.3 |
| TITAN GLX (TF445) | 7.3 | 7.0 | 7.7 | 7.3 | 8.0 | 7.3 | 5.7 | 5.3 | 4.7 | 5.3 | 7.0 | 7.7 | 7.0 | 6.0 | 4.3 | 6.0 | 7.0 | 7.7 | 6.2 |
| TITAN MAX (TF456) | 7.3 | 7.0 | 7.7 | 7.3 | 8.0 | 7.3 | 6.0 | 4.7 | 4.3 | 5.3 | 6.3 | 7.7 | 7.0 | 5.3 | 5.3 | 6.3 | 7.3 | 8.0 | 6.2 |
| GO-RH20 | 8.0 | 6.3 | 7.7 | 7.7 | 8.0 | 7.3 | 6.3 | 4.7 | 4.0 | 5.0 | 6.3 | 7.3 | 6.7 | 5.3 | 4.7 | 6.7 | 8.0 | 8.3 | 6.1 |
| PST-5THM | 7.0 | 7.0 | 7.7 | 7.3 | 8.0 | 7.0 | 5.0 | 5.0 | 4.7 | 5.7 | 6.7 | 7.3 | 6.7 | 4.7 | 4.7 | 6.3 | 7.3 | 8.0 | 6.1 |
| BONFIRE (JS DTT) | 7.7 | 6.7 | 7.7 | 7.0 | 8.0 | 6.7 | 6.3 | 5.0 | 4.3 | 4.7 | 5.7 | 7.3 | 6.7 | 5.7 | 5.3 | 6.3 | 7.0 | 7.7 | 6.0 |
| GALACTIC (SESCR1) | 7.3 | 7.3 | 7.7 | 8.0 | 8.0 | 6.7 | 4.3 | 4.7 | 4.3 | 5.3 | 6.3 | 7.3 | 6.7 | 4.3 | 4.3 | 6.7 | 8.0 | 8.0 | 6.0 |
| PPG-TF 306 | 7.3 | 6.7 | 7.7 | 8.0 | 8.0 | 7.3 | 6.0 | 4.7 | 4.3 | 4.7 | 6.3 | 7.3 | 7.0 | 5.3 | 4.7 | 6.3 | 7.7 | 7.7 | 6.0 |
| K18-RS6 | 7.3 | 7.3 | 7.7 | 7.3 | 7.3 | 6.3 | 4.3 | 5.0 | 4.7 | 4.7 | 6.3 | 7.3 | 6.7 | 5.0 | 5.0 | 6.3 | 7.0 | 7.0 | 5.9 |
| ZION (BAR TF 134) | 7.0 | 7.0 | 7.7 | 8.0 | 8.0 | 7.0 | 5.0 | 5.0 | 4.0 | 4.7 | 5.7 | 7.3 | 6.7 | 5.3 | 5.0 | 6.3 | 7.3 | 7.7 | 5.9 |
| AH2 | 6.7 | 7.3 | 6.7 | 8.0 | 8.0 | 7.0 | 5.3 | 4.3 | 4.0 | 5.0 | 6.0 | 7.0 | 6.0 | 5.0 | 5.0 | 6.3 | 7.0 | 8.0 | 5.8 |
| ATF2116 | 7.7 | 6.3 | 7.0 | 6.7 | 8.0 | 5.7 | 4.7 | 5.3 | 4.7 | 5.7 | 6.7 | 7.3 | 6.0 | 4.7 | 4.3 | 5.3 | 6.0 | 7.3 | 5.8 |
| PPG-TF 262 | 7.0 | 7.0 | 7.7 | 8.0 | 8.0 | 6.7 | 5.3 | 4.3 | 4.0 | 4.3 | 5.3 | 6.7 | 6.3 | 5.3 | 5.0 | 7.0 | 7.7 | 8.0 | 5.8 |
| PST-5MCMO | 6.3 | 7.0 | 7.3 | 7.7 | 8.0 | 5.7 | 3.3 | 5.0 | 4.7 | 5.0 | 6.3 | 7.3 | 6.0 | 4.3 | 4.3 | 6.0 | 7.0 | 7.7 | 5.8 |
| SERENADE (PPG-TF 320) | 7.3 | 7.0 | 8.0 | 8.0 | 8.0 | 7.3 | 4.7 | 4.3 | 4.3 | 5.0 | 6.3 | 7.7 | 6.3 | 4.7 | 4.3 | 6.3 | 7.3 | 7.7 | 5.8 |
| TD2 | 7.7 | 7.0 | 7.7 | 7.3 | 8.0 | 7.7 | 5.0 | 4.3 | 3.7 | 4.7 | 6.0 | 7.3 | 7.0 | 5.3 | 4.3 | 6.0 | 7.7 | 7.7 | 5.8 |
| DLFPS-321/3708 | 7.7 | 7.7 | 7.3 | 8.0 | 8.0 | 6.3 | 5.0 | 5.3 | 4.0 | 4.7 | 5.3 | 7.0 | 6.0 | 5.0 | 4.7 | 6.0 | 7.3 | 7.7 | 5.7 |
| DLFPS-TF/3550 | 7.3 | 7.3 | 7.7 | 7.3 | 8.0 | 5.7 | 4.0 | 5.0 | 4.3 | 5.3 | 6.0 | 7.7 | 6.0 | 4.0 | 4.3 | 6.0 | 6.7 | 7.3 | 5.7 |
| K18-WB1 | 7.3 | 7.0 | 7.3 | 7.7 | 8.0 | 7.3 | 5.3 | 4.3 | 3.7 | 4.3 | 5.3 | 6.7 | 6.3 | 5.0 | 5.7 | 6.3 | 7.3 | 7.3 | 5.7 |
| MONUMENT (PST-5SQB) | 7.0 | 6.7 | 7.3 | 7.0 | 8.0 | 6.0 | 4.0 | 5.0 | 4.3 | 5.3 | 6.3 | 7.3 | 6.0 | 4.0 | 4.0 | 5.7 | 6.7 | 7.7 | 5.7 |
| PST-5GLBS | 7.0 | 7.0 | 7.3 | 7.7 | 8.0 | 6.0 | 5.0 | 5.0 | 4.3 | 5.0 | 6.0 | 7.0 | 6.0 | 4.7 | 4.3 | 5.7 | 7.0 | 7.3 | 5.7 |
| RH3 | 6.7 | 7.0 | 7.0 | 7.7 | 8.0 | 7.0 | 5.7 | 5.0 | 4.3 | 5.0 | 6.0 | 6.7 | 6.0 | 5.0 | 4.7 | 6.0 | 6.7 | 7.3 | 5.7 |
| TANK (PPG-TF 338) | 8.0 | 7.7 | 7.7 | 7.7 | 8.0 | 7.3 | 5.3 | 5.0 | 4.0 | 4.7 | 6.7 | 7.3 | 7.0 | 5.0 | 3.7 | 5.3 | 7.0 | 7.3 | 5.7 |
| TRIAD (PPG-TF 323) | 8.0 | 7.3 | 7.3 | 7.7 | 7.7 | 7.3 | 5.3 | 4.3 | 4.0 | 4.7 | 5.7 | 7.3 | 6.3 | 5.0 | 4.0 | 6.0 | 7.7 | 8.0 | 5.7 |
| XANADU (JT 268) | 8.0 | 7.0 | 8.0 | 7.7 | 8.0 | 6.0 | 5.3 | 5.0 | 4.0 | 4.0 | 5.3 | 6.7 | 6.0 | 4.7 | 5.0 | 6.7 | 7.7 | 7.7 | 5.7 |
| MOONDANCE GLX | 7.3 | 6.3 | 7.0 | 7.0 | 8.0 | 6.3 | 4.7 | 4.3 | 4.3 | 5.3 | 6.0 | 7.3 | 6.3 | 4.7 | 4.0 | 5.0 | 6.7 | 7.3 | 5.6 |
| NAI-ST5 | 8.0 | 7.0 | 7.7 | 7.3 | 7.7 | 6.0 | 4.3 | 5.3 | 4.7 | 4.7 | 5.7 | 7.7 | 6.3 | 4.3 | 3.7 | 5.7 | 7.0 | 7.0 | 5.6 |
| PPG-TF 267 | 7.3 | 7.0 | 8.0 | 6.7 | 8.0 | 6.7 | 4.3 | 4.7 | 4.3 | 4.7 | 6.3 | 7.7 | 6.7 | 4.0 | 3.7 | 6.0 | 6.7 | 6.7 | 5.6 |
| PST-5E6 | 7.0 | 7.0 | 8.0 | 7.3 | 8.0 | 6.3 | 4.7 | 4.7 | 4.0 | 5.0 | 6.3 | 7.0 | 6.3 | 4.3 | 4.0 | 5.7 | 7.0 | 7.3 | 5.6 |
| 3N1 | 7.7 | 7.0 | 7.0 | 7.0 | 8.0 | 6.3 | 4.0 | 4.7 | 4.3 | 5.0 | 6.0 | 7.3 | 6.3 | 4.0 | 4.0 | 6.0 | 6.0 | 6.7 | 5.5 |
| AVENGER III (PPG-TF 308) | 7.0 | 6.7 | 7.3 | 7.3 | 8.0 | 5.7 | 5.3 | 4.3 | 3.7 | 4.3 | 5.0 | 6.0 | 6.0 | 5.3 | 5.0 | 6.3 | 7.3 | 7.7 | 5.5 |
| BULLSEYE LTZ | 7.7 | 7.7 | 7.3 | 7.3 | 8.0 | 7.7 | 4.7 | 4.0 | 3.7 | 4.0 | 5.7 | 7.3 | 6.7 | 5.0 | 4.0 | 5.3 | 6.7 | 7.7 | 5.5 |
| COL-TF-148 | 7.0 | 6.7 | 6.7 | 6.3 | 8.0 | 7.0 | 6.0 | 4.0 | 4.0 | 4.7 | 6.0 | 6.7 | 6.7 | 5.3 | 5.0 | 6.0 | 6.0 | 6.7 | 5.5 |
| DLFPS-TF/3552 | 7.7 | 7.3 | 7.7 | 7.7 | 8.0 | 6.0 | 4.3 | 4.3 | 4.0 | 4.0 | 5.0 | 6.7 | 5.7 | 4.3 | 4.7 | 6.7 | 7.0 | 7.7 | 5.5 |
| GLX ACED (PST-5DART) | 7.0 | 7.0 | 7.0 | 7.3 | 8.0 | 4.7 | 4.3 | 5.3 | 4.7 | 5.0 | 6.0 | 7.3 | 5.3 | 4.7 | 3.7 | 4.7 | 6.3 | 7.3 | 5.5 |
| KIZZLE (K18-ROE) | 7.3 | 6.0 | 7.3 | 7.7 | 8.0 | 7.0 | 5.0 | 5.0 | 4.0 | 5.0 | 6.0 | 6.7 | 6.0 | 5.0 | 4.0 | 4.7 | 6.3 | 7.3 | 5.5 |
| PPG-TF 318 | 7.0 | 6.7 | 7.3 | 8.0 | 8.0 | 7.0 | 5.3 | 4.0 | 3.7 | 4.0 | 5.3 | 6.7 | 6.7 | 5.0 | 4.7 | 6.3 | 7.0 | 7.7 | 5.5 |
| TOUGH (NAI-TUE) | 7.7 | 7.0 | 7.3 | 6.3 | 7.7 | 7.0 | 5.3 | 5.0 | 4.0 | 4.0 | 5.3 | 7.3 | 7.0 | 5.3 | 4.7 | 5.7 | 6.3 | 6.3 | 5.5 |
| DRAGSTER | 6.7 | 6.7 | 7.3 | 6.7 | 8.0 | 6.7 | 5.0 | 4.3 | 4.0 | 4.3 | 5.3 | 7.0 | 6.7 | 5.0 | 4.0 | 5.0 | 6.3 | 7.0 | 5.4 |

TABLE 14.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2021 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | SPRING DENSITY | FALL DENSITY | COLOR NOV | BROWN PATCH | | | | | | | | | | QUALITY RATINGS | | | | |
|-------------------------------|------------------|-----------------|-------------------|-----------------|--------------|-------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|-----|-----|------|--|
| | | | | | | JUNE | JULY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN | |
| PST-5GQ | 7.0 | 7.0 | 7.3 | 7.3 | 8.0 | 5.7 | 3.3 | 4.3 | 4.0 | 4.0 | 5.3 | 7.0 | 6.0 | 4.0 | 5.0 | 5.7 | 7.0 | 7.3 | 5.4 | |
| PST-5TRN | 7.0 | 7.0 | 8.0 | 7.0 | 8.0 | 5.3 | 4.0 | 5.0 | 4.3 | 5.3 | 6.0 | 7.3 | 5.0 | 4.0 | 3.7 | 5.3 | 6.7 | 7.0 | 5.4 | |
| RC4 | 7.0 | 7.0 | 8.0 | 7.0 | 8.0 | 7.3 | 5.0 | 5.0 | 4.3 | 4.3 | 5.3 | 6.7 | 6.0 | 5.0 | 4.3 | 5.3 | 6.7 | 6.7 | 5.4 | |
| RHL2 | 7.0 | 7.3 | 7.0 | 8.0 | 8.0 | 6.7 | 6.0 | 3.7 | 3.3 | 3.7 | 4.7 | 6.3 | 5.7 | 5.0 | 5.0 | 6.7 | 7.7 | 7.7 | 5.4 | |
| TMT1 | 8.0 | 6.7 | 7.7 | 6.7 | 8.0 | 6.0 | 5.3 | 4.7 | 4.3 | 5.0 | 5.7 | 7.0 | 6.3 | 4.7 | 4.0 | 5.0 | 6.3 | 6.7 | 5.4 | |
| ATF1768 | 7.3 | 6.3 | 7.0 | 7.0 | 8.0 | 5.7 | 4.3 | 4.7 | 4.3 | 4.3 | 5.3 | 6.7 | 5.7 | 4.3 | 4.3 | 5.7 | 6.0 | 6.7 | 5.3 | |
| DYNAMITE G-LS (PPG-TF 254) | 6.7 | 7.0 | 7.7 | 6.7 | 8.0 | 7.0 | 4.7 | 3.7 | 3.7 | 4.0 | 6.0 | 7.0 | 6.7 | 4.7 | 3.7 | 5.0 | 7.0 | 7.0 | 5.3 | |
| FIRECRACKER G-LS (PPG-TF 315) | 6.7 | 7.3 | 7.3 | 6.7 | 7.7 | 6.3 | 4.3 | 4.3 | 3.7 | 4.3 | 5.3 | 7.0 | 6.3 | 5.0 | 4.3 | 5.3 | 6.3 | 6.3 | 5.3 | |
| GRAND PRIX (FC15-01P) | 7.0 | 6.3 | 7.3 | 6.7 | 8.0 | 4.7 | 3.7 | 5.0 | 4.3 | 5.3 | 6.3 | 6.3 | 5.0 | 4.0 | 3.7 | 5.3 | 6.0 | 6.7 | 5.3 | |
| GRO-PRO (SE53D2) | 7.3 | 7.0 | 7.3 | 6.3 | 7.7 | 6.3 | 4.3 | 5.0 | 4.0 | 4.7 | 5.7 | 6.7 | 6.0 | 4.3 | 4.0 | 5.3 | 6.3 | 6.3 | 5.3 | |
| JT 233 | 8.0 | 7.0 | 8.0 | 6.0 | 8.0 | 5.3 | 5.0 | 5.7 | 4.7 | 5.0 | 5.7 | 7.0 | 5.3 | 4.7 | 3.7 | 5.0 | 5.7 | 5.7 | 5.3 | |
| LIFEGUARD | 7.3 | 6.3 | 7.0 | 7.0 | 7.7 | 6.3 | 4.7 | 4.3 | 4.0 | 4.0 | 5.7 | 6.7 | 5.7 | 4.3 | 4.3 | 6.0 | 6.7 | 7.0 | 5.3 | |
| NAI-ROS4 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 6.7 | 5.0 | 4.3 | 3.7 | 4.3 | 5.3 | 6.0 | 6.0 | 4.3 | 4.3 | 5.7 | 6.7 | 7.3 | 5.3 | |
| NT-3 | 7.3 | 6.7 | 7.3 | 7.7 | 8.0 | 5.7 | 3.7 | 4.7 | 4.0 | 4.3 | 5.3 | 7.0 | 5.7 | 4.0 | 4.3 | 5.3 | 6.7 | 7.3 | 5.3 | |
| PADRE 2 | 7.0 | 6.7 | 7.3 | 6.7 | 8.0 | 5.3 | 5.7 | 4.3 | 3.7 | 4.7 | 5.7 | 6.7 | 5.7 | 5.0 | 4.0 | 5.3 | 6.3 | 7.0 | 5.3 | |
| PPG-TF 316 | 8.0 | 7.3 | 8.0 | 8.0 | 8.0 | 6.7 | 4.3 | 4.3 | 3.7 | 4.0 | 5.0 | 7.0 | 6.3 | 4.3 | 3.7 | 5.3 | 6.7 | 7.7 | 5.3 | |
| PST-5DC24 | 7.3 | 6.3 | 7.0 | 6.3 | 8.0 | 6.0 | 4.7 | 4.7 | 4.3 | 4.7 | 5.0 | 7.0 | 6.3 | 4.7 | 3.7 | 5.0 | 6.3 | 6.7 | 5.3 | |
| RS1 | 6.7 | 6.7 | 7.0 | 7.3 | 7.7 | 5.7 | 5.0 | 4.0 | 4.0 | 4.3 | 5.0 | 6.0 | 5.7 | 4.7 | 4.3 | 5.7 | 7.0 | 7.3 | 5.3 | |
| SPYDER 2LS (ZRC1) | 6.7 | 7.0 | 7.0 | 7.7 | 8.0 | 5.7 | 5.3 | 4.3 | 4.0 | 4.0 | 4.7 | 6.7 | 5.3 | 4.7 | 4.7 | 6.0 | 6.7 | 7.3 | 5.3 | |
| STEALTH (PPG-TF 238) | 7.0 | 7.0 | 7.7 | 7.7 | 8.0 | 6.0 | 4.0 | 4.0 | 3.7 | 4.0 | 5.7 | 7.0 | 6.0 | 4.3 | 3.7 | 5.7 | 6.7 | 7.3 | 5.3 | |
| 3B2 | 7.3 | 6.7 | 7.3 | 7.0 | 8.0 | 7.0 | 5.3 | 4.0 | 3.7 | 4.0 | 5.3 | 6.7 | 6.0 | 5.0 | 4.7 | 5.3 | 6.0 | 6.3 | 5.2 | |
| BRAVO 2 | 7.3 | 6.3 | 7.0 | 6.3 | 8.0 | 5.7 | 4.0 | 4.7 | 4.0 | 4.7 | 5.3 | 7.0 | 5.7 | 4.0 | 3.3 | 5.0 | 6.3 | 6.7 | 5.2 | |
| DEGAS (LTP-TF-111) | 7.0 | 6.7 | 7.3 | 7.0 | 8.0 | 6.0 | 4.7 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 5.3 | 5.0 | 4.0 | 6.0 | 6.7 | 6.7 | 5.2 | |
| DLFPS-321/3695 | 7.3 | 6.7 | 7.3 | 6.0 | 8.0 | 6.3 | 6.0 | 4.3 | 4.3 | 5.3 | 5.7 | 6.7 | 6.0 | 5.3 | 4.0 | 4.7 | 5.3 | 6.0 | 5.2 | |
| DLFPS-321/3706 | 7.7 | 7.3 | 8.0 | 7.3 | 8.0 | 6.3 | 4.3 | 4.3 | 3.7 | 4.0 | 5.0 | 6.7 | 5.7 | 4.7 | 4.0 | 5.3 | 6.7 | 7.7 | 5.2 | |
| DLFPS-TF/3553 | 7.7 | 7.0 | 7.0 | 7.3 | 8.0 | 5.0 | 4.3 | 4.3 | 3.7 | 4.3 | 5.0 | 6.3 | 5.3 | 4.3 | 4.7 | 5.7 | 6.7 | 7.0 | 5.2 | |
| PPG-TF 337 | 7.3 | 6.7 | 7.0 | 7.3 | 8.0 | 6.3 | 5.0 | 3.7 | 3.3 | 3.7 | 5.0 | 6.0 | 5.7 | 5.0 | 4.3 | 6.0 | 7.0 | 7.3 | 5.2 | |
| RDC | 6.7 | 6.7 | 6.3 | 7.3 | 7.7 | 6.3 | 5.0 | 3.3 | 3.3 | 3.7 | 4.3 | 5.7 | 5.7 | 5.3 | 5.0 | 6.3 | 6.7 | 7.3 | 5.2 | |
| RHF | 6.7 | 7.3 | 7.7 | 7.3 | 8.0 | 5.7 | 5.3 | 4.0 | 3.7 | 4.0 | 5.0 | 6.3 | 5.3 | 5.0 | 4.3 | 6.0 | 6.7 | 7.3 | 5.2 | |
| SE5STAR | 7.0 | 6.7 | 7.3 | 6.7 | 8.0 | 6.7 | 4.0 | 4.0 | 4.0 | 5.0 | 5.7 | 7.3 | 6.3 | 4.3 | 3.3 | 4.7 | 6.0 | 6.7 | 5.2 | |
| SETFM3 | 8.0 | 7.3 | 7.0 | 7.3 | 8.0 | 5.3 | 4.0 | 4.7 | 4.3 | 4.7 | 5.7 | 6.7 | 5.7 | 4.0 | 3.7 | 5.3 | 6.0 | 6.7 | 5.2 | |
| PARAMOUNT | 7.7 | 7.3 | 7.7 | 7.0 | 7.7 | 5.7 | 6.0 | 3.7 | 3.3 | 4.3 | 5.3 | 6.7 | 5.7 | 5.3 | 4.0 | 5.0 | 6.0 | 7.0 | 5.1 | |
| PPG-TF 249 | 7.7 | 7.0 | 7.7 | 6.3 | 7.7 | 6.7 | 4.0 | 4.7 | 4.0 | 4.7 | 5.3 | 7.0 | 6.3 | 4.7 | 4.0 | 4.7 | 5.3 | 5.7 | 5.1 | |
| PRO GOLD | 6.3 | 6.3 | 7.0 | 6.0 | 8.0 | 5.7 | 5.0 | 4.3 | 4.0 | 4.0 | 5.0 | 6.7 | 6.0 | 4.7 | 4.3 | 4.7 | 6.0 | 6.0 | 5.1 | |
| RAD-TF105 | 8.0 | 6.7 | 6.7 | 7.0 | 8.0 | 5.0 | 4.0 | 4.7 | 3.7 | 4.3 | 4.7 | 6.3 | 5.0 | 4.0 | 4.0 | 5.7 | 6.7 | 7.3 | 5.1 | |
| SYMPHONY (PPG-TF 305) | 7.3 | 7.0 | 7.3 | 7.3 | 8.0 | 6.3 | 4.0 | 4.0 | 3.7 | 4.0 | 5.0 | 6.7 | 6.0 | 4.0 | 3.7 | 5.3 | 6.7 | 7.0 | 5.1 | |
| TALLADEGA II (NAI-3N2) | 7.7 | 6.7 | 7.0 | 7.0 | 8.0 | 6.3 | 5.3 | 4.0 | 4.0 | 4.0 | 5.0 | 6.3 | 5.7 | 4.7 | 4.0 | 5.0 | 6.3 | 7.0 | 5.1 | |
| DLFPS-321/3693 | 7.0 | 7.0 | 7.3 | 6.7 | 8.0 | 6.3 | 4.3 | 4.0 | 4.0 | 4.3 | 5.3 | 6.3 | 6.0 | 4.0 | 3.7 | 5.0 | 6.0 | 6.7 | 5.0 | |
| DLFPS-321/3699 | 8.0 | 7.7 | 7.7 | 6.0 | 8.0 | 7.3 | 4.7 | 4.3 | 4.3 | 4.3 | 5.7 | 7.0 | 6.7 | 5.0 | 3.0 | 3.7 | 5.3 | 6.0 | 5.0 | |
| NAI-FQZ-17 | 7.7 | 6.3 | 7.0 | 6.7 | 8.0 | 4.3 | 4.3 | 4.7 | 4.0 | 4.0 | 5.0 | 6.0 | 4.7 | 4.3 | 4.0 | 5.7 | 6.3 | 6.7 | 5.0 | |
| BULLSEYE | 6.7 | 6.3 | 7.0 | 6.7 | 8.0 | 6.3 | 3.7 | 4.0 | 3.7 | 4.0 | 4.7 | 6.7 | 6.0 | 4.3 | 4.0 | 4.7 | 5.7 | 6.7 | 4.9 | |
| DLFPS-321/3701 | 7.7 | 6.7 | 6.0 | 7.7 | 8.0 | 6.3 | 4.7 | 3.0 | 3.0 | 3.7 | 4.7 | 6.0 | 5.7 | 4.7 | 4.0 | 5.3 | 6.7 | 7.7 | 4.9 | |
| HEMI | 7.0 | 6.0 | 7.0 | 7.0 | 8.0 | 6.0 | 5.3 | 3.0 | 3.0 | 3.7 | 4.7 | 6.0 | 5.7 | 5.0 | 4.7 | 5.3 | 6.3 | 7.0 | 4.9 | |
| JT 517 | 7.3 | 7.0 | 7.0 | 6.3 | 7.7 | 5.3 | 3.7 | 4.3 | 4.3 | 4.3 | 5.3 | 6.3 | 5.3 | 4.0 | 3.7 | 4.7 | 5.7 | 6.3 | 4.9 | |
| A-TF31 | 8.0 | 7.7 | 6.7 | 6.7 | 8.0 | 5.7 | 3.3 | 4.7 | 4.3 | 5.0 | 6.0 | 7.0 | 5.0 | 3.3 | 3.0 | 3.7 | 4.7 | 6.0 | 4.8 | |

TABLE 14.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2021 DATA

| NAME | TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ | | | | | | | | | | | | | | | | | | |
|------------------------|--|-----------------|-------------------|-----------------|--------------|---------------|---------------|------|------|------|------|------|-----------------|------|------|------|------|------|------|
| | GENETIC COLOR | LEAF TEXTURE | SPRING DENSITY | FALL DENSITY | COLOR NOV | BROWN JUNE | PATCH JULY | JAN | FEB | MAR | APR | MAY | QUALITY RATINGS | | | | | | MEAN |
| | | | | | | | | | | | | | JUN | JUL | AUG | SEP | OCT | NOV | |
| DLFPS-321/3694 | 7.7 | 6.7 | 7.0 | 5.7 | 8.0 | 6.0 | 4.3 | 4.0 | 3.7 | 4.3 | 5.0 | 6.0 | 5.3 | 4.3 | 3.7 | 5.3 | 5.7 | 6.0 | 4.8 |
| DLFPS-321/3702 | 7.7 | 6.7 | 7.0 | 7.3 | 8.0 | 6.0 | 4.3 | 3.7 | 3.3 | 3.3 | 4.0 | 6.0 | 5.0 | 4.7 | 3.7 | 5.3 | 6.7 | 7.3 | 4.8 |
| FAIRFIELD (SETF104) | 7.3 | 6.7 | 7.3 | 7.7 | 8.0 | 6.0 | 3.0 | 3.3 | 3.3 | 4.0 | 5.7 | 6.7 | 5.7 | 3.7 | 3.3 | 4.7 | 6.0 | 7.0 | 4.8 |
| FAYETTE | 7.0 | 6.7 | 6.3 | 5.7 | 8.0 | 4.7 | 4.3 | 4.3 | 4.0 | 4.7 | 5.7 | 6.3 | 4.7 | 4.0 | 3.3 | 4.3 | 5.3 | 5.7 | 4.8 |
| NATURALLY GREEN | 7.0 | 6.0 | 6.0 | 5.7 | 8.0 | 4.7 | 3.7 | 4.0 | 4.0 | 4.7 | 5.3 | 6.7 | 5.7 | 4.0 | 3.7 | 4.3 | 5.0 | 6.0 | 4.8 |
| PPG-TF 231 | 7.7 | 6.7 | 7.3 | 6.3 | 8.0 | 7.0 | 5.3 | 3.7 | 3.7 | 4.0 | 4.7 | 7.0 | 6.0 | 5.0 | 3.3 | 4.3 | 5.3 | 6.0 | 4.8 |
| PPG-TF 257 | 7.3 | 6.3 | 7.0 | 7.3 | 8.0 | 6.7 | 4.7 | 3.3 | 3.3 | 3.3 | 4.3 | 6.0 | 5.7 | 4.3 | 3.7 | 5.3 | 6.7 | 7.3 | 4.8 |
| RAPTOR III | 7.3 | 7.0 | 7.7 | 6.3 | 8.0 | 5.7 | 4.0 | 4.0 | 3.7 | 3.7 | 4.7 | 6.3 | 5.7 | 4.3 | 3.3 | 4.7 | 6.3 | 6.3 | 4.8 |
| RAPTOR LS (PPG-TF 336) | 7.3 | 6.3 | 6.3 | 7.3 | 8.0 | 5.7 | 5.3 | 3.0 | 3.0 | 3.0 | 4.0 | 5.3 | 5.3 | 5.0 | 4.7 | 6.0 | 6.7 | 7.0 | 4.8 |
| TANGO | 7.3 | 6.0 | 7.3 | 6.7 | 8.0 | 4.0 | 3.3 | 4.7 | 4.3 | 4.7 | 5.7 | 6.3 | 4.7 | 3.3 | 3.3 | 4.0 | 5.3 | 6.3 | 4.8 |
| BIRMINGHAM | 7.7 | 6.3 | 6.7 | 5.7 | 7.7 | 4.3 | 3.3 | 5.0 | 4.3 | 5.3 | 6.0 | 7.0 | 4.7 | 3.7 | 3.0 | 3.0 | 4.7 | 5.3 | 4.7 |
| DLFPS-321/3696 | 8.0 | 7.0 | 7.0 | 6.0 | 8.0 | 5.7 | 4.3 | 4.0 | 3.7 | 4.0 | 4.7 | 6.0 | 5.3 | 4.3 | 3.7 | 5.0 | 5.3 | 5.7 | 4.7 |
| GRANDE 3 | 7.0 | 6.7 | 6.7 | 6.0 | 7.7 | 6.0 | 5.3 | 3.7 | 3.3 | 4.3 | 4.3 | 5.7 | 5.0 | 4.7 | 3.7 | 5.0 | 6.0 | 6.3 | 4.7 |
| OG-WALK | 7.0 | 5.3 | 6.7 | 5.7 | 7.3 | 5.3 | 3.7 | 4.3 | 3.7 | 4.7 | 5.3 | 6.0 | 5.7 | 3.7 | 3.3 | 4.3 | 5.0 | 6.0 | 4.7 |
| OKEEFE (LTP-TF-122) | 7.0 | 6.7 | 7.0 | 7.0 | 8.0 | 5.7 | 4.0 | 3.3 | 3.0 | 3.3 | 4.0 | 5.3 | 5.0 | 4.3 | 4.3 | 5.7 | 6.7 | 7.0 | 4.7 |
| TEACHER (PPG-TF 313) | 7.0 | 7.0 | 7.3 | 7.7 | 8.0 | 5.3 | 4.7 | 3.0 | 3.0 | 3.0 | 3.7 | 5.0 | 4.7 | 4.0 | 4.3 | 6.0 | 7.7 | 7.7 | 4.7 |
| 5LSS | 7.7 | 7.3 | 7.7 | 6.7 | 7.0 | 6.3 | 4.7 | 3.0 | 3.0 | 3.7 | 4.7 | 6.0 | 5.3 | 4.7 | 4.0 | 5.0 | 5.7 | 6.0 | 4.6 |
| AST8218LM | 8.0 | 6.0 | 6.0 | 5.3 | 8.0 | 4.7 | 3.7 | 4.3 | 4.0 | 4.3 | 5.0 | 6.0 | 4.3 | 4.0 | 3.7 | 4.3 | 5.0 | 5.7 | 4.6 |
| DLFPS-321/3703 | 7.3 | 6.7 | 7.0 | 6.0 | 8.0 | 6.0 | 4.0 | 3.7 | 3.7 | 3.7 | 4.7 | 6.7 | 5.7 | 4.3 | 3.3 | 4.3 | 5.3 | 5.7 | 4.6 |
| ESCALADE | 6.7 | 5.3 | 7.0 | 6.0 | 8.0 | 5.7 | 3.7 | 4.0 | 3.7 | 4.7 | 5.3 | 5.7 | 5.0 | 3.7 | 3.0 | 4.7 | 5.0 | 6.0 | 4.6 |
| FIREHAWK SLT | 7.0 | 6.3 | 6.7 | 6.7 | 8.0 | 6.0 | 4.3 | 3.3 | 3.0 | 3.0 | 4.0 | 6.0 | 5.3 | 4.7 | 4.0 | 5.7 | 5.7 | 6.3 | 4.6 |
| PST-5MINK | 8.0 | 6.3 | 7.0 | 6.7 | 8.0 | 5.0 | 3.7 | 3.7 | 3.3 | 3.7 | 4.3 | 6.0 | 4.7 | 3.7 | 3.7 | 5.0 | 6.0 | 7.0 | 4.6 |
| AST8118LM | 7.7 | 6.3 | 7.0 | 5.0 | 8.0 | 5.3 | 3.3 | 3.7 | 3.7 | 4.3 | 5.0 | 6.7 | 6.0 | 3.3 | 2.7 | 3.7 | 4.7 | 5.7 | 4.5 |
| BAR-FA8230 | 6.3 | 6.0 | 6.0 | 6.3 | 8.0 | 5.0 | 3.7 | 4.3 | 4.3 | 4.7 | 4.7 | 5.3 | 4.7 | 3.7 | 3.0 | 4.0 | 4.7 | 5.7 | 4.5 |
| GO-AOMK | 8.0 | 7.0 | 6.7 | 6.3 | 8.0 | 5.3 | 3.7 | 3.7 | 3.7 | 3.7 | 4.7 | 6.0 | 5.3 | 3.7 | 3.3 | 4.0 | 5.0 | 6.0 | 4.5 |
| LBF | 7.7 | 6.7 | 6.7 | 5.0 | 7.7 | 4.7 | 4.0 | 4.0 | 3.7 | 4.3 | 5.3 | 6.3 | 4.7 | 4.0 | 3.3 | 3.7 | 4.7 | 5.0 | 4.5 |
| PST-5DZM | 7.0 | 6.7 | 6.3 | 7.0 | 8.0 | 4.3 | 3.3 | 3.7 | 3.7 | 3.7 | 4.3 | 5.7 | 4.3 | 3.3 | 3.0 | 5.0 | 6.0 | 7.0 | 4.5 |
| BANDIT | 8.0 | 6.3 | 6.3 | 5.7 | 8.0 | 4.3 | 3.3 | 3.7 | 3.7 | 4.0 | 5.0 | 6.3 | 4.7 | 3.3 | 3.0 | 4.0 | 5.3 | 5.7 | 4.4 |
| BY-TF-169 | 7.0 | 6.7 | 5.7 | 7.0 | 8.0 | 5.7 | 5.0 | 3.0 | 2.7 | 2.7 | 3.7 | 5.7 | 5.0 | 4.3 | 3.7 | 5.0 | 5.7 | 6.7 | 4.4 |
| DLFPS-321/3679 | 6.7 | 6.0 | 6.3 | 5.3 | 7.7 | 5.0 | 3.0 | 3.7 | 3.7 | 4.0 | 4.0 | 5.3 | 5.0 | 3.3 | 3.3 | 4.7 | 5.7 | 6.0 | 4.4 |
| BGR-TF3 | 7.7 | 6.3 | 7.0 | 5.7 | 7.7 | 4.0 | 3.3 | 3.7 | 3.3 | 4.3 | 5.0 | 5.7 | 4.0 | 3.3 | 3.0 | 4.0 | 5.0 | 5.7 | 4.3 |
| PALOMAR | 6.7 | 5.3 | 6.3 | 5.3 | 8.0 | 4.7 | 3.0 | 3.7 | 3.3 | 4.3 | 5.7 | 6.3 | 4.7 | 3.0 | 2.7 | 3.7 | 4.7 | 5.7 | 4.3 |
| SETFM2 | 7.7 | 6.7 | 6.7 | 6.3 | 7.7 | 4.7 | 3.7 | 3.7 | 3.7 | 3.7 | 4.3 | 5.7 | 5.0 | 3.7 | 3.3 | 4.0 | 5.0 | 5.3 | 4.3 |
| COPIOUS TF | 7.3 | 6.0 | 6.0 | 5.7 | 8.0 | 4.0 | 3.7 | 3.3 | 3.0 | 3.7 | 4.7 | 5.7 | 4.0 | 3.7 | 3.0 | 4.0 | 5.0 | 5.7 | 4.2 |
| KENTUCKY-31 | 4.0 | 3.7 | 5.0 | 5.3 | 6.7 | 6.7 | 3.3 | 3.7 | 3.3 | 4.3 | 5.3 | 5.3 | 4.3 | 3.3 | 2.7 | 4.3 | 4.7 | 5.0 | 4.2 |
| BAR 9FE MAS | 7.7 | 6.3 | 6.7 | 5.0 | 7.7 | 5.0 | 3.0 | 3.3 | 3.3 | 4.3 | 4.7 | 6.0 | 5.0 | 3.3 | 2.7 | 3.3 | 4.3 | 5.0 | 4.1 |
| BAR FA 8228 | 6.0 | 5.7 | 6.0 | 5.0 | 8.0 | 4.3 | 3.3 | 3.7 | 3.3 | 3.7 | 4.3 | 5.3 | 4.7 | 3.3 | 3.3 | 3.7 | 4.7 | 5.3 | 4.1 |
| ESTRENA | 7.3 | 6.7 | 6.3 | 5.3 | 8.0 | 5.3 | 4.0 | 2.7 | 2.7 | 2.7 | 3.7 | 5.3 | 4.7 | 4.0 | 3.7 | 4.7 | 5.3 | 5.7 | 4.1 |
| K18-NSE | 6.7 | 6.3 | 5.0 | 6.7 | 8.0 | 4.7 | 3.7 | 2.0 | 2.0 | 2.3 | 3.0 | 4.3 | 4.0 | 3.7 | 3.3 | 5.3 | 6.3 | 6.7 | 3.9 |
| PPG-TF 312 | 6.0 | 6.3 | 5.0 | 6.3 | 8.0 | 4.3 | 3.7 | 2.0 | 2.0 | 2.0 | 2.3 | 3.7 | 3.7 | 3.3 | 3.3 | 4.7 | 6.3 | 6.3 | 3.6 |
| RAD-TF115 (TURBO SS) | 7.3 | 6.3 | 6.0 | 5.3 | 8.0 | 4.3 | 3.0 | 2.3 | 2.3 | 2.7 | 3.7 | 5.0 | 4.0 | 3.0 | 2.7 | 3.7 | 4.7 | 5.3 | 3.6 |
| RAD-TF131 | 7.0 | 6.0 | 5.0 | 5.7 | 7.7 | 3.7 | 3.0 | 3.0 | 2.3 | 2.3 | 3.0 | 4.3 | 3.3 | 3.0 | 2.7 | 3.3 | 5.0 | 5.7 | 3.5 |
| LSD VALUE | 0.9 | 0.9 | 1.3 | 1.2 | 0.7 | 2.3 | 2.0 | 1.8 | 1.6 | 1.8 | 2.2 | 2.0 | 1.9 | 1.6 | 1.4 | 1.5 | 1.2 | 1.3 | 1.1 |
| C.V. (%) | 7.1 | 7.7 | 10.1 | 10.8 | 3.5 | 19.2 | 22.3 | 21.3 | 19.4 | 20.7 | 20.3 | 14.7 | 17.1 | 18.4 | 19.0 | 16.2 | 11.7 | 11.1 | 12.5 |

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

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

TABLE 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT MEAD, NE 1/
2021 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | | | | | MEAN |
|----------------------------|------------------|-------------------|-----------------|-------------------|-----------------|------------------|-----|-----|-----|-----|-----|-----|-----|------|
| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | FALL DENSITY | COLOR OCTOBER | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| BONFIRE (JS DTT) | 7.0 | 7.3 | 5.3 | 7.0 | 7.3 | 8.0 | 7.3 | 7.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.1 |
| COL-TF-148 | 7.0 | 7.0 | 5.7 | 7.0 | 7.3 | 8.0 | 7.0 | 7.0 | 7.7 | 7.0 | 7 | 7.0 | 7.0 | 7.1 |
| DLFPS-321/3702 | 6.7 | 7.0 | 5.3 | 7.0 | 8.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 7 | 7.0 | 7.0 | 7.1 |
| DLFPS-321/3707 | 6.7 | 7.0 | 5.0 | 7.0 | 8.0 | 7.7 | 7.0 | 7.7 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.1 |
| PPG-TF 249 | 6.7 | 7.0 | 5.3 | 7.0 | 7.7 | 6.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7 | 7.0 | 7.0 | 7.1 |
| PPG-TF 316 | 6.7 | 7.3 | 5.0 | 7.0 | 8.0 | 6.0 | 7.3 | 7.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.1 |
| RDC | 7.0 | 7.0 | 5.3 | 7.0 | 8.0 | 7.7 | 7.3 | 7.3 | 7.3 | 7.0 | 7 | 7.0 | 7.0 | 7.1 |
| TEACHER (PPG-TF 313) | 7.0 | 7.0 | 5.7 | 7.0 | 7.7 | 8.0 | 7.0 | 7.3 | 7.7 | 7.0 | 7 | 7.0 | 7.0 | 7.1 |
| 3B2 | 7.0 | 6.7 | 5.0 | 7.0 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 6.7 | 7.0 |
| 3N1 | 6.7 | 7.0 | 4.7 | 6.7 | 7.0 | 6.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| AH1 | 6.7 | 7.0 | 5.0 | 7.0 | 8.0 | 8.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| AH2 | 7.0 | 7.0 | 5.0 | 7.0 | 8.0 | 7.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| AST8118LM | 6.7 | 6.7 | 4.3 | 6.7 | 7.7 | 8.0 | 7.0 | 7.3 | 6.3 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| AVENGER III (PPG-TF 308) | 6.7 | 7.0 | 4.3 | 7.0 | 7.7 | 7.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| BAR-FA8230 | 7.0 | 7.0 | 4.7 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| BRAVO 2 | 6.7 | 7.0 | 4.7 | 7.0 | 7.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 6.7 | 7.0 |
| BULLSEYE | 7.0 | 7.0 | 5.0 | 7.0 | 7.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| BULLSEYE LTZ | 7.0 | 7.0 | 5.0 | 7.0 | 7.3 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| BY-TF-169 | 7.0 | 6.3 | 5.3 | 6.7 | 7.7 | 7.7 | 6.7 | 7.0 | 7.3 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DEGAS (LTP-TF-111) | 7.0 | 6.7 | 5.0 | 7.0 | 8.0 | 8.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3679 | 7.0 | 7.0 | 4.7 | 7.0 | 7.7 | 7.7 | 6.7 | 7.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3693 | 7.0 | 7.0 | 5.0 | 7.0 | 8.0 | 7.7 | 7.0 | 7.3 | 6.7 | 6.7 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3695 | 6.7 | 7.0 | 5.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3696 | 6.7 | 7.0 | 5.0 | 7.0 | 7.7 | 8.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3699 | 6.7 | 6.7 | 4.7 | 7.0 | 7.7 | 8.0 | 6.7 | 7.3 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3701 | 7.0 | 7.0 | 5.3 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3703 | 7.0 | 6.7 | 5.0 | 7.0 | 8.0 | 8.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3705 | 7.0 | 7.3 | 5.0 | 7.0 | 8.0 | 8.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-321/3708 | 7.0 | 7.3 | 4.7 | 7.0 | 8.0 | 8.0 | 7.0 | 7.7 | 6.3 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-TF/3550 | 7.0 | 6.7 | 5.0 | 7.0 | 7.7 | 8.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DLFPS-TF/3553 | 6.7 | 7.0 | 5.3 | 7.0 | 7.7 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DRAGSTER | 7.0 | 7.0 | 5.0 | 7.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| DYNAMITE G-LS (PPG-TF 254) | 7.0 | 7.0 | 5.3 | 7.0 | 8.0 | 7.7 | 7.0 | 7.0 | 7.3 | 7.0 | 7 | 6.7 | 6.7 | 7.0 |
| FAIRFIELD (SETF104) | 7.0 | 6.7 | 5.0 | 7.0 | 7.3 | 8.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| GALACTIC (SESCR1) | 7.0 | 7.0 | 5.0 | 7.0 | 7.3 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| GO-RH20 | 7.0 | 7.0 | 5.0 | 6.7 | 7.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| GRANDE 3 | 6.3 | 7.0 | 5.0 | 7.0 | 7.7 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| JT 233 | 7.0 | 7.0 | 4.7 | 7.0 | 7.3 | 8.0 | 6.7 | 7.3 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| KIZZLE (K18-ROE) | 5.7 | 6.7 | 5.0 | 7.0 | 7.7 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| NAI-ROS4 | 7.0 | 7.0 | 4.7 | 7.0 | 8.0 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| NATURALLY GREEN | 6.7 | 7.0 | 4.3 | 7.0 | 8.0 | 8.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| NT-3 | 7.0 | 7.0 | 5.0 | 7.0 | 7.7 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| OKEEFE (LTP-TF-122) | 7.0 | 7.0 | 5.0 | 7.0 | 8.0 | 7.3 | 7.0 | 6.7 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PALOMAR | 7.0 | 7.0 | 5.0 | 7.0 | 7.0 | 8.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PARAMOUNT | 7.0 | 7.0 | 4.7 | 6.7 | 7.3 | 7.7 | 7.0 | 6.7 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |

TABLE 15.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT MEAD, NE 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | FALL DENSITY | COLOR OCTOBER | APR | MAY | JUN | QUALITY RATINGS | | | | MEAN |
|-------------------------------|------------------|-------------------|-----------------|-------------------|-----------------|------------------|-----|-----|-----|-----------------|-----|-----|-----|------|
| | | | | | | | | | | JUL | AUG | SEP | OCT | |
| PPG-TF 231 | 6.7 | 7.0 | 4.7 | 7.0 | 7.3 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PPG-TF 257 | 6.3 | 7.0 | 4.7 | 7.0 | 7.3 | 8.0 | 7.0 | 7.3 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PPG-TF 262 | 7.0 | 7.3 | 4.7 | 7.0 | 7.7 | 7.7 | 7.3 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PPG-TF 306 | 6.7 | 7.0 | 5.7 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PPG-TF 318 | 7.0 | 7.0 | 5.0 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PPG-TF 337 | 6.7 | 7.0 | 5.0 | 7.0 | 7.7 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PST-5DC24 | 7.0 | 7.0 | 5.0 | 7.0 | 7.7 | 7.7 | 7.0 | 7.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PST-5GQ | 7.3 | 7.0 | 5.0 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PST-5THM | 7.0 | 7.0 | 5.0 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| PST-5TRN | 7.0 | 6.7 | 5.0 | 7.0 | 7.3 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 6.7 | 7.0 |
| RAD-TF131 | 7.0 | 7.0 | 5.0 | 7.0 | 7.3 | 7.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| RAPTOR III | 7.0 | 7.0 | 5.0 | 7.0 | 7.7 | 8.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| RC4 | 7.0 | 7.0 | 5.0 | 7.0 | 7.7 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| RH1 | 7.0 | 7.0 | 5.0 | 7.0 | 7.7 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| RHL2 | 7.0 | 7.0 | 5.0 | 7.0 | 7.0 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 6.7 | 7.0 |
| SERENADE (PPG-TF 320) | 7.0 | 7.0 | 4.7 | 7.0 | 7.7 | 7.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| STEALTH (PPG-TF 238) | 7.0 | 7.0 | 5.0 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| SYMPHONY (PPG-TF 305) | 7.0 | 7.3 | 5.3 | 7.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| TANGO | 6.7 | 7.0 | 4.7 | 7.0 | 7.7 | 7.7 | 7.0 | 7.3 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| TD2 | 7.0 | 6.7 | 5.0 | 7.0 | 8.0 | 8.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| TITAN GLX (TF445) | 6.7 | 7.0 | 4.7 | 7.0 | 7.7 | 7.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| TITANIUM G-LS (PPG-TF 255) | 7.0 | 7.0 | 5.0 | 7.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 6.7 | 7.0 |
| TMT1 | 7.0 | 7.0 | 5.0 | 7.0 | 8.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| TOUGH (NAI-TUE) | 7.0 | 7.0 | 5.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| TRIAD (PPG-TF 323) | 6.3 | 6.7 | 5.0 | 7.0 | 7.3 | 7.3 | 6.7 | 7.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| ZION (BAR TF 134) | 7.0 | 6.7 | 5.0 | 7.0 | 7.3 | 8.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 7.0 |
| BANDIT | 7.0 | 7.0 | 5.0 | 6.7 | 7.7 | 8.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7 | 6.7 | 6.7 | 6.9 |
| COPIOUS TF | 6.7 | 7.0 | 4.3 | 7.0 | 7.7 | 8.0 | 7.0 | 7.0 | 6.3 | 7.0 | 7 | 7.0 | 7.0 | 6.9 |
| DLFPS-321/3694 | 7.0 | 7.3 | 4.7 | 7.0 | 7.7 | 7.3 | 7.3 | 7.0 | 6.3 | 6.7 | 7 | 7.0 | 7.0 | 6.9 |
| DLFPS-321/3706 | 6.7 | 7.0 | 5.0 | 7.0 | 7.3 | 7.3 | 6.7 | 6.7 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 6.9 |
| DLFPS-TF/3552 | 6.7 | 6.3 | 5.0 | 6.7 | 7.0 | 7.3 | 7.0 | 6.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 6.9 |
| FIRECRACKER G-LS (PPG-TF 315) | 7.0 | 7.0 | 4.7 | 7.0 | 7.3 | 7.7 | 6.7 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 6.9 |
| FIREHAWK SLT | 6.7 | 7.0 | 4.7 | 7.0 | 8.0 | 8.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 6.9 |
| FIRENZA II (PPG-TF 244) | 7.0 | 6.7 | 5.0 | 7.0 | 7.7 | 7.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 6.9 |
| GLX ACED (PST-5DART) | 6.3 | 6.7 | 5.0 | 7.0 | 7.7 | 8.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7 | 6.7 | 6.7 | 6.9 |
| GRAND PRIX (FC15-01P) | 6.7 | 7.0 | 4.3 | 7.0 | 7.3 | 6.0 | 7.0 | 6.3 | 6.7 | 7.0 | 7 | 7.0 | 7.0 | 6.9 |
| JT 517 | 7.0 | 6.7 | 4.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7 | 6.7 | 6.7 | 6.9 |
| K18-NSE | 6.7 | 6.7 | 5.3 | 7.0 | 8.0 | 8.0 | 6.7 | 6.7 | 7.3 | 7.0 | 7 | 6.7 | 6.7 | 6.9 |
| K18-RS6 | 7.0 | 6.7 | 4.7 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 7 | 7.0 | 7.0 | 6.9 |
| LBF | 7.0 | 7.0 | 5.0 | 7.0 | 8.0 | 7.3 | 7.0 | 6.7 | 6.7 | 7.0 | 7 | 7.0 | 6.7 | 6.9 |
| MONUMENT (PST-5SQB) | 7.0 | 7.0 | 4.7 | 7.0 | 7.3 | 8.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7 | 6.7 | 6.7 | 6.9 |
| MOONDANCE GLX | 7.0 | 6.7 | 5.3 | 6.3 | 7.7 | 8.0 | 6.7 | 6.3 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 6.9 |
| NAI-FQZ-17 | 7.0 | 7.3 | 4.7 | 7.0 | 7.7 | 8.0 | 6.7 | 7.0 | 6.7 | 7.0 | 7 | 7.0 | 6.7 | 6.9 |
| NAI-ST5 | 7.0 | 6.7 | 5.0 | 7.0 | 7.3 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7 | 6.7 | 6.7 | 6.9 |
| OG-WALK | 7.0 | 7.0 | 5.3 | 6.7 | 7.3 | 7.3 | 6.7 | 6.7 | 7.0 | 7.0 | 7 | 7.0 | 7.0 | 6.9 |

TABLE 15.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT MEAD, NE 1/
2021 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | | | OCT | MEAN | |
|------------------------|------------------|-------------------|-----------------|-------------------|-----------------|------------------|-----|-----|-----|-----|-----|-----|------|-----|
| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | FALL DENSITY | COLOR OCTOBER | APR | MAY | JUN | JUL | AUG | | | SEP |
| PADRE 2 | 7.0 | 6.7 | 4.0 | 7.0 | 7.0 | 6.3 | 7.0 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| PPG-TF 267 | 7.0 | 7.0 | 4.7 | 7.0 | 7.7 | 8.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| PST-5GLBS | 7.0 | 7.0 | 4.7 | 7.0 | 7.3 | 7.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.9 |
| PST-5MCMO | 6.3 | 6.7 | 4.7 | 7.0 | 7.7 | 7.7 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| RAD-TF115 (TURBO SS) | 7.0 | 7.0 | 4.3 | 7.0 | 7.3 | 8.0 | 7.0 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| RAPTOR LS (PPG-TF 336) | 6.7 | 7.0 | 5.3 | 7.0 | 8.0 | 8.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| RH3 | 7.0 | 6.7 | 4.3 | 7.0 | 7.3 | 7.7 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| RHF | 6.7 | 6.7 | 4.7 | 7.0 | 7.3 | 8.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| RS1 | 6.3 | 7.0 | 4.7 | 7.0 | 8.0 | 7.7 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.9 |
| SE5STAR | 7.0 | 6.7 | 5.0 | 7.0 | 7.7 | 8.0 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| TALLADEGA II (NAI-3N2) | 6.7 | 7.0 | 4.3 | 7.0 | 7.7 | 8.0 | 6.7 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| TANK (PPG-TF 338) | 7.0 | 6.3 | 5.0 | 7.0 | 8.0 | 7.3 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| XANADU (JT 268) | 7.0 | 7.0 | 5.0 | 7.0 | 8.0 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| A-TF31 | 6.7 | 6.3 | 5.0 | 6.7 | 7.0 | 8.0 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 6.8 |
| AST8218LM | 7.0 | 6.7 | 4.7 | 6.7 | 7.7 | 7.7 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| ATF2116 | 6.7 | 7.0 | 4.7 | 7.0 | 7.3 | 7.3 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| ESCALADE | 7.0 | 7.0 | 4.3 | 7.0 | 7.0 | 8.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| ESTRENA | 7.0 | 6.7 | 5.0 | 7.0 | 7.3 | 8.0 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 |
| GO-AOMK | 7.0 | 6.3 | 4.7 | 7.0 | 7.3 | 7.3 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.8 |
| GRO-PRO (SE53D2) | 7.0 | 6.7 | 4.0 | 7.0 | 7.3 | 8.0 | 6.7 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.8 |
| HEMI | 6.7 | 7.0 | 4.7 | 7.0 | 7.7 | 6.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| K18-WB1 | 6.7 | 7.0 | 5.0 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| LIFEGUARD | 7.0 | 6.7 | 4.7 | 6.7 | 7.3 | 7.0 | 7.0 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 |
| PPG-TF 312 | 7.0 | 7.0 | 5.3 | 7.0 | 7.7 | 7.3 | 7.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 |
| PST-5DZM | 6.7 | 6.7 | 5.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| PST-5MINK | 7.0 | 6.3 | 4.7 | 7.0 | 7.7 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.8 |
| SETFM2 | 7.0 | 6.7 | 4.7 | 7.0 | 7.3 | 7.7 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.8 |
| SETFM3 | 7.0 | 6.3 | 5.0 | 6.7 | 7.7 | 7.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| SPYDER 2LS (ZRC1) | 7.0 | 7.0 | 4.7 | 6.7 | 7.7 | 7.3 | 7.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 |
| TITAN MAX (TF456) | 7.0 | 7.0 | 4.3 | 7.0 | 8.0 | 7.7 | 6.7 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 |
| 5LSS | 6.3 | 6.3 | 4.7 | 7.0 | 7.3 | 7.7 | 6.3 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 |
| ATF1768 | 6.7 | 6.7 | 4.7 | 7.0 | 7.3 | 7.3 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | 6.0 | 6.7 |
| BAR 9FE MAS | 6.7 | 7.3 | 5.3 | 7.0 | 8.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 |
| BGR-TF3 | 6.3 | 6.7 | 4.3 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 |
| BIRMINGHAM | 7.0 | 6.7 | 4.3 | 7.0 | 7.0 | 8.0 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 |
| PRO GOLD | 7.0 | 6.7 | 4.7 | 7.0 | 7.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| PST-5BYOB | 7.0 | 6.7 | 4.0 | 7.0 | 7.3 | 6.3 | 6.7 | 6.7 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 |
| RAD-TF105 | 7.0 | 6.7 | 4.0 | 7.0 | 7.3 | 7.7 | 7.0 | 6.7 | 6.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 |
| BAR FA 8228 | 7.0 | 6.7 | 4.3 | 6.7 | 7.3 | 8.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.3 | 6.3 | 6.6 |
| FAYETTE | 6.7 | 7.0 | 5.0 | 6.7 | 7.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 |
| PST-5E6 | 6.7 | 7.0 | 4.3 | 7.0 | 7.7 | 7.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.6 |
| KENTUCKY-31 | 5.0 | 6.0 | 3.3 | 6.7 | 6.7 | 6.0 | 5.7 | 5.3 | 5.0 | 5.3 | 5.3 | 4.7 | 4.3 | 5.1 |
| LSD VALUE | 0.8 | 1.5 | 1.1 | 0.9 | 2.3 | 0.6 | 1.4 | 1.1 | 1.1 | 0.3 | 0.2 | 0.4 | 0.5 | 0.3 |
| C.V. (%) | 5.4 | 5.8 | 9.9 | 2.9 | 7.1 | 4.9 | 5.5 | 6.4 | 6.7 | 2.7 | 1.8 | 3.6 | 4.3 | 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 16.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK, NJ 1/
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | MEAN |
|-------------------------------|--|-----|-----|-----|-----|-----|-----|------|
| | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| DLFPS-321/3702 | 7.0 | 9.0 | 8.0 | 8.3 | 8.3 | 8.7 | 7.0 | 8.0 |
| K18-NSE | 4.3 | 7.7 | 8.7 | 9.0 | 8.7 | 8.3 | 7.0 | 7.7 |
| DLFPS-321/3703 | 6.3 | 8.0 | 7.0 | 8.0 | 8.3 | 8.0 | 7.7 | 7.6 |
| TANK (PPG-TF 338) | 4.7 | 6.7 | 7.0 | 7.7 | 9.0 | 9.0 | 7.7 | 7.4 |
| 5LSS | 5.7 | 6.0 | 6.7 | 8.3 | 8.0 | 8.7 | 8.0 | 7.3 |
| AH1 | 5.3 | 7.0 | 7.7 | 8.0 | 8.7 | 7.7 | 7.0 | 7.3 |
| PPG-TF 267 | 5.0 | 6.3 | 7.7 | 7.7 | 8.7 | 7.7 | 8.0 | 7.3 |
| RC4 | 6.0 | 7.7 | 7.3 | 7.0 | 8.7 | 7.3 | 7.3 | 7.3 |
| PPG-TF 231 | 5.7 | 7.3 | 7.3 | 7.3 | 8.3 | 7.3 | 7.3 | 7.2 |
| RH3 | 5.3 | 7.0 | 8.0 | 7.3 | 7.7 | 7.7 | 7.7 | 7.2 |
| RHL2 | 5.7 | 6.7 | 6.3 | 8.0 | 8.3 | 8.0 | 7.7 | 7.2 |
| DLFPS-321/3701 | 6.0 | 7.3 | 6.7 | 7.3 | 8.0 | 7.0 | 7.3 | 7.1 |
| DLFPS-TF/3553 | 5.3 | 6.7 | 7.3 | 7.3 | 7.7 | 8.0 | 7.3 | 7.1 |
| PPG-TF 262 | 4.7 | 6.7 | 8.7 | 7.3 | 7.3 | 7.7 | 7.3 | 7.1 |
| DLFPS-321/3696 | 6.0 | 7.0 | 6.7 | 6.7 | 7.3 | 8.3 | 7.3 | 7.0 |
| DLFPS-321/3707 | 3.7 | 5.7 | 7.3 | 8.3 | 8.0 | 7.3 | 8.3 | 7.0 |
| DLFPS-TF/3552 | 5.3 | 6.0 | 7.3 | 8.0 | 7.7 | 7.3 | 7.0 | 7.0 |
| DYNAMITE G-LS (PPG-TF 254) | 5.7 | 8.0 | 7.0 | 7.3 | 7.3 | 6.7 | 6.7 | 7.0 |
| OKEEFE (LTP-TF-122) | 4.7 | 7.0 | 7.3 | 6.7 | 8.0 | 8.0 | 7.7 | 7.0 |
| PPG-TF 306 | 4.3 | 6.7 | 7.3 | 7.0 | 8.3 | 8.0 | 7.0 | 7.0 |
| RAPTOR LS (PPG-TF 336) | 4.7 | 6.7 | 7.7 | 8.3 | 8.3 | 6.3 | 7.0 | 7.0 |
| DLFPS-TF/3550 | 5.7 | 5.7 | 7.0 | 7.0 | 8.0 | 7.0 | 8.0 | 6.9 |
| FIRECRACKER G-LS (PPG-TF 315) | 5.3 | 6.7 | 7.7 | 7.7 | 8.3 | 7.0 | 5.7 | 6.9 |
| K18-WB1 | 5.0 | 6.7 | 6.3 | 7.3 | 7.3 | 7.3 | 8.0 | 6.9 |
| PPG-TF 312 | 5.0 | 6.0 | 8.0 | 8.3 | 7.3 | 6.3 | 7.0 | 6.9 |
| RDC | 4.7 | 6.0 | 7.3 | 7.3 | 8.0 | 7.7 | 7.0 | 6.9 |
| BULLSEYE LTZ | 4.7 | 6.7 | 7.0 | 7.3 | 7.3 | 7.3 | 7.3 | 6.8 |
| COL-TF-148 | 6.0 | 7.3 | 7.7 | 6.3 | 7.3 | 6.3 | 6.7 | 6.8 |
| ESTRENA | 4.0 | 5.3 | 7.0 | 7.7 | 8.0 | 7.3 | 8.0 | 6.8 |
| JT 233 | 4.7 | 5.7 | 7.7 | 7.3 | 8.3 | 7.3 | 6.7 | 6.8 |
| PPG-TF 316 | 4.3 | 5.7 | 7.3 | 7.7 | 7.7 | 7.7 | 7.0 | 6.8 |
| SPYDER 2LS (ZRC1) | 4.0 | 5.3 | 6.7 | 7.7 | 7.7 | 8.3 | 7.7 | 6.8 |
| DLFPS-321/3695 | 5.0 | 6.7 | 6.7 | 6.3 | 7.3 | 7.7 | 7.3 | 6.7 |
| DLFPS-321/3708 | 4.3 | 5.7 | 7.7 | 8.0 | 8.0 | 7.0 | 6.0 | 6.7 |
| PPG-TF 249 | 5.0 | 6.3 | 7.3 | 7.0 | 6.7 | 7.0 | 7.3 | 6.7 |
| RH1 | 5.3 | 6.0 | 7.3 | 5.7 | 8.7 | 6.7 | 7.3 | 6.7 |
| STEALTH (PPG-TF 238) | 4.3 | 6.0 | 7.0 | 8.0 | 8.3 | 6.3 | 6.7 | 6.7 |
| TALLADEGA II (NAI-3N2) | 5.0 | 6.7 | 7.0 | 6.7 | 7.3 | 7.7 | 6.7 | 6.7 |
| ZION (BAR TF 134) | 5.0 | 6.7 | 8.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.7 |
| AVENGER III (PPG-TF 308) | 3.7 | 6.3 | 7.7 | 7.3 | 7.3 | 7.0 | 7.0 | 6.6 |
| DLFPS-321/3693 | 4.3 | 6.0 | 6.7 | 6.3 | 7.3 | 7.3 | 8.3 | 6.6 |
| PARAMOUNT | 5.0 | 6.3 | 7.0 | 6.7 | 7.7 | 7.0 | 6.7 | 6.6 |
| TRIAD (PPG-TF 323) | 6.0 | 6.0 | 7.0 | 7.0 | 7.7 | 6.3 | 6.3 | 6.6 |
| NAI-ROS4 | 5.0 | 5.0 | 6.0 | 7.3 | 7.0 | 6.7 | 8.7 | 6.5 |
| PADRE 2 | 4.3 | 5.3 | 6.3 | 6.7 | 8.0 | 7.7 | 7.3 | 6.5 |

TABLE 16.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

| NAME | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|------|
| PPG-TF 257 | 4.7 | 6.3 | 6.3 | 7.3 | 7.0 | 7.7 | 6.3 | 6.5 |
| TEACHER (PPG-TF 313) | 3.0 | 5.0 | 6.3 | 6.7 | 7.7 | 8.7 | 8.3 | 6.5 |
| GO-RH20 | 4.7 | 5.7 | 6.3 | 6.3 | 7.7 | 6.7 | 7.7 | 6.4 |
| RS1 | 4.3 | 6.3 | 6.0 | 8.0 | 7.7 | 5.3 | 7.0 | 6.4 |
| SERENADE (PPG-TF 320) | 4.7 | 5.3 | 6.7 | 7.0 | 7.7 | 6.0 | 7.7 | 6.4 |
| TITAN GLX (TF445) | 4.0 | 5.0 | 6.7 | 6.7 | 7.7 | 7.3 | 7.7 | 6.4 |
| BY-TF-169 | 5.0 | 6.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.0 | 6.3 |
| DLFPS-321/3679 | 5.0 | 6.3 | 7.0 | 6.7 | 7.0 | 6.3 | 6.0 | 6.3 |
| FIRENZA II (PPG-TF 244) | 4.3 | 5.7 | 6.7 | 5.3 | 7.3 | 7.3 | 7.3 | 6.3 |
| TITANIUM G-LS (PPG-TF 255) | 4.3 | 6.3 | 7.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 |
| DLFPS-321/3706 | 4.3 | 5.0 | 6.7 | 7.7 | 7.0 | 6.3 | 6.3 | 6.2 |
| FAYETTE | 4.7 | 5.7 | 6.7 | 5.7 | 6.7 | 7.3 | 7.0 | 6.2 |
| GO-AOMK | 5.3 | 7.3 | 5.0 | 7.0 | 6.0 | 6.0 | 6.7 | 6.2 |
| K18-RS6 | 4.0 | 5.0 | 6.0 | 6.3 | 7.0 | 8.0 | 7.3 | 6.2 |
| TD2 | 3.7 | 5.3 | 6.3 | 7.7 | 7.3 | 6.3 | 7.0 | 6.2 |
| DEGAS (LTP-TF-111) | 4.0 | 5.0 | 5.7 | 7.0 | 7.0 | 7.3 | 7.0 | 6.1 |
| DLFPS-321/3705 | 4.7 | 6.3 | 6.3 | 6.7 | 7.7 | 6.0 | 5.3 | 6.1 |
| KIZZLE (K18-ROE) | 5.7 | 6.3 | 5.7 | 5.7 | 7.3 | 6.0 | 6.3 | 6.1 |
| PPG-TF 337 | 4.0 | 5.7 | 6.7 | 7.3 | 7.0 | 6.0 | 6.3 | 6.1 |
| TITAN MAX (TF456) | 3.7 | 5.0 | 6.0 | 6.7 | 7.7 | 6.7 | 7.0 | 6.1 |
| 3N1 | 4.3 | 5.3 | 6.7 | 5.3 | 7.0 | 6.3 | 6.7 | 6.0 |
| AH2 | 3.3 | 5.3 | 7.0 | 6.0 | 7.7 | 6.0 | 7.0 | 6.0 |
| DLFPS-321/3699 | 4.7 | 4.7 | 6.3 | 6.3 | 7.3 | 6.0 | 6.7 | 6.0 |
| GALACTIC (SESCR1) | 4.7 | 5.0 | 5.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.0 |
| NAI-ST5 | 5.3 | 6.7 | 5.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 |
| NT-3 | 4.3 | 5.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.0 |
| SYMPHONY (PPG-TF 305) | 3.7 | 5.3 | 6.3 | 6.3 | 7.3 | 7.3 | 6.0 | 6.0 |
| BONFIRE (JS DTT) | 4.3 | 4.7 | 6.0 | 6.3 | 6.7 | 6.7 | 6.3 | 5.9 |
| DLFPS-321/3694 | 4.3 | 4.3 | 5.7 | 7.3 | 7.0 | 6.3 | 6.0 | 5.9 |
| XANADU (JT 268) | 3.0 | 4.0 | 5.7 | 6.7 | 7.0 | 7.3 | 7.3 | 5.9 |
| BRAVO 2 | 5.0 | 6.0 | 6.3 | 6.3 | 6.3 | 4.3 | 6.3 | 5.8 |
| FIREHAWK SLT | 4.0 | 4.3 | 6.0 | 6.7 | 6.0 | 7.0 | 6.3 | 5.8 |
| RHF | 3.7 | 5.0 | 6.0 | 6.7 | 6.7 | 6.0 | 6.7 | 5.8 |
| RAPTOR III | 4.0 | 4.7 | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 |
| BIRMINGHAM | 6.0 | 5.0 | 6.0 | 6.7 | 6.3 | 3.7 | 5.3 | 5.6 |
| FAIRFIELD (SETF104) | 4.7 | 5.3 | 5.7 | 5.7 | 6.7 | 4.7 | 6.3 | 5.6 |
| RAD-TF105 | 4.3 | 5.7 | 5.0 | 5.7 | 5.7 | 7.0 | 6.0 | 5.6 |
| GLX ACED (PST-5DART) | 4.7 | 5.3 | 6.3 | 6.0 | 5.3 | 5.7 | 5.3 | 5.5 |
| HEMI | 3.7 | 5.3 | 6.0 | 5.3 | 7.0 | 5.0 | 6.3 | 5.5 |
| TMT1 | 3.7 | 5.0 | 5.0 | 5.7 | 7.0 | 6.7 | 5.7 | 5.5 |
| 3B2 | 4.0 | 4.3 | 6.3 | 6.0 | 6.3 | 5.3 | 5.3 | 5.4 |
| DRAGSTER | 3.7 | 3.7 | 6.0 | 6.3 | 7.0 | 5.0 | 6.0 | 5.4 |
| NAI-FQZ-17 | 5.0 | 5.0 | 6.7 | 5.7 | 5.7 | 4.7 | 4.7 | 5.3 |
| PST-5GQ | 5.0 | 5.0 | 5.3 | 6.3 | 5.3 | 5.0 | 5.0 | 5.3 |
| SE5STAR | 5.7 | 6.0 | 5.7 | 5.7 | 4.7 | 4.7 | 4.7 | 5.3 |

TABLE 16.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

| NAME | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
|-----------------------|------|------|------|------|------|------|------|------|
| TANGO | 4.3 | 4.7 | 6.3 | 5.7 | 6.0 | 5.0 | 5.0 | 5.3 |
| PST-5E6 | 5.0 | 4.7 | 6.0 | 5.0 | 5.0 | 5.3 | 5.7 | 5.2 |
| RAD-TF131 | 4.0 | 4.3 | 4.7 | 6.0 | 5.7 | 5.0 | 6.3 | 5.1 |
| A-TF31 | 3.0 | 3.7 | 5.0 | 5.7 | 6.3 | 6.3 | 5.0 | 5.0 |
| AST8118LM | 4.0 | 4.3 | 5.0 | 5.3 | 6.0 | 5.7 | 4.7 | 5.0 |
| COPIOUS TF | 3.7 | 4.7 | 5.3 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| PRO GOLD | 4.7 | 4.7 | 5.7 | 5.7 | 5.3 | 3.7 | 5.3 | 5.0 |
| PST-5DZM | 3.7 | 4.3 | 5.0 | 5.3 | 5.7 | 5.7 | 5.3 | 5.0 |
| PST-5MCMO | 5.0 | 4.7 | 5.7 | 6.0 | 5.0 | 4.3 | 4.7 | 5.0 |
| PST-5TRN | 5.0 | 6.0 | 6.0 | 5.3 | 4.7 | 3.3 | 5.0 | 5.0 |
| PST-5BYOB | 4.7 | 6.0 | 5.0 | 4.3 | 4.3 | 4.7 | 5.0 | 4.9 |
| LIFEGUARD | 4.7 | 4.3 | 5.0 | 5.0 | 4.7 | 4.3 | 5.3 | 4.8 |
| SETFM3 | 4.3 | 4.7 | 5.0 | 4.7 | 4.7 | 4.7 | 5.3 | 4.8 |
| MONUMENT (PST-5SQB) | 4.3 | 4.3 | 4.7 | 4.7 | 4.7 | 5.3 | 4.7 | 4.7 |
| PPG-TF 318 | 2.3 | 4.0 | 4.0 | 5.0 | 6.0 | 5.3 | 6.0 | 4.7 |
| SETFM2 | 4.0 | 3.7 | 4.0 | 6.0 | 5.0 | 4.3 | 6.0 | 4.7 |
| TOUGH (NAI-TUE) | 4.3 | 4.0 | 5.3 | 4.7 | 4.7 | 5.3 | 4.7 | 4.7 |
| BGR-TF3 | 4.7 | 5.0 | 4.0 | 5.0 | 5.0 | 4.0 | 4.7 | 4.6 |
| PST-5MINK | 5.0 | 5.3 | 5.0 | 4.3 | 4.7 | 4.3 | 3.7 | 4.6 |
| GRO-PRO (SE53D2) | 5.3 | 5.7 | 4.7 | 5.0 | 3.3 | 3.7 | 4.0 | 4.5 |
| JT 517 | 3.3 | 3.7 | 5.0 | 4.3 | 5.3 | 5.0 | 5.0 | 4.5 |
| LBF | 4.0 | 4.0 | 5.0 | 4.3 | 5.0 | 4.0 | 5.0 | 4.5 |
| PST-5DC24 | 4.0 | 3.7 | 4.7 | 5.3 | 5.7 | 4.7 | 3.7 | 4.5 |
| PST-5GLBS | 4.0 | 4.0 | 5.7 | 4.0 | 4.3 | 4.7 | 4.3 | 4.4 |
| BANDIT | 3.3 | 3.3 | 5.0 | 4.3 | 4.3 | 4.7 | 5.0 | 4.3 |
| BULLSEYE | 4.0 | 4.0 | 4.3 | 4.3 | 5.0 | 3.0 | 4.7 | 4.2 |
| GRANDE 3 | 2.3 | 2.3 | 5.0 | 5.7 | 5.7 | 4.0 | 4.3 | 4.2 |
| RAD-TF115 (TURBO SS) | 3.0 | 3.3 | 4.0 | 4.3 | 5.0 | 4.0 | 5.0 | 4.1 |
| ATF1768 | 4.0 | 4.3 | 4.7 | 3.7 | 4.0 | 3.3 | 3.7 | 4.0 |
| MOONDANCE GLX | 3.7 | 3.7 | 4.7 | 4.3 | 4.0 | 3.7 | 4.0 | 4.0 |
| NATURALLY GREEN | 3.7 | 3.3 | 3.7 | 4.3 | 4.0 | 4.3 | 4.3 | 4.0 |
| AST8218LM | 4.0 | 4.3 | 3.0 | 4.0 | 4.7 | 4.0 | 3.3 | 3.9 |
| GRAND PRIX (FC15-01P) | 4.3 | 4.0 | 3.3 | 4.0 | 4.0 | 3.3 | 3.3 | 3.8 |
| PST-5THM | 4.0 | 3.7 | 4.7 | 3.7 | 2.7 | 3.7 | 3.3 | 3.7 |
| ATF2116 | 3.7 | 3.0 | 3.3 | 2.7 | 3.7 | 3.7 | 3.7 | 3.4 |
| ESCALADE | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.0 | 2.7 | 3.2 |
| BAR-FA8230 | 3.3 | 3.0 | 3.7 | 2.7 | 2.0 | 2.7 | 3.0 | 2.9 |
| BAR FA 8228 | 3.7 | 2.7 | 2.7 | 2.0 | 2.7 | 3.0 | 2.7 | 2.8 |
| PALOMAR | 4.0 | 2.3 | 2.7 | 3.0 | 2.3 | 2.7 | 2.0 | 2.7 |
| BAR 9FE MAS | 1.7 | 1.7 | 2.7 | 2.7 | 2.7 | 2.7 | 3.0 | 2.4 |
| OG-WALK | 3.0 | 2.3 | 2.0 | 2.0 | 2.0 | 2.0 | 2.3 | 2.2 |
| KENTUCKY-31 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 |
| LSD VALUE | 3.3 | 2.4 | 2.4 | 1.6 | 1.4 | 1.9 | 1.5 | 1.2 |
| C.V. (%) | 28.3 | 26.4 | 23.2 | 17.3 | 14.6 | 20.2 | 16.8 | 13.6 |

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 17.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT ADELPHIA, NJ 1/
2021 DATA

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

| NAME | SPRING PERCENT GROUND | | QUALITY RATINGS | | | | | | | | MEAN |
|-------------------------------|-----------------------|------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | GREENUP | COVER FALL | APR | MAY | JUN | JUL | AUG | SEP | OCT | | |
| AH2 | 4.3 | 99.0 | 7.7 | 8.0 | 7.3 | 7.7 | 8.3 | 7.3 | 7.7 | 7.7 | |
| AH1 | 5.3 | 99.0 | 7.7 | 7.7 | 6.3 | 5.3 | 7.7 | 6.7 | 7.7 | 7.0 | |
| DLFPS-321/3705 | 4.0 | 99.0 | 7.3 | 7.0 | 6.3 | 7.0 | 6.7 | 7.7 | 7.0 | 7.0 | |
| K18-RS6 | 3.3 | 97.7 | 7.3 | 7.0 | 7.7 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | |
| COL-TF-148 | 3.7 | 99.0 | 6.7 | 6.7 | 6.3 | 6.3 | 7.7 | 7.3 | 7.0 | 6.9 | |
| SPYDER 2LS (ZRC1) | 3.0 | 95.0 | 7.0 | 7.3 | 6.3 | 5.3 | 7.7 | 7.3 | 6.3 | 6.8 | |
| RAPTOR LS (PPG-TF 336) | 3.0 | 96.3 | 7.0 | 7.0 | 7.0 | 6.3 | 7.0 | 7.0 | 5.3 | 6.7 | |
| TITAN GLX (TF445) | 2.0 | 97.7 | 7.0 | 8.0 | 7.0 | 5.3 | 5.7 | 7.0 | 7.0 | 6.7 | |
| ZION (BAR TF 134) | 3.3 | 99.0 | 6.3 | 6.0 | 7.0 | 7.3 | 7.3 | 7.0 | 6.0 | 6.7 | |
| BONFIRE (JS DTT) | 1.7 | 99.0 | 6.3 | 6.7 | 6.0 | 5.0 | 6.0 | 8.7 | 7.7 | 6.6 | |
| GALACTIC (SESCR1) | 4.0 | 96.3 | 6.7 | 6.3 | 6.3 | 5.7 | 6.7 | 7.3 | 7.3 | 6.6 | |
| FIRENZA II (PPG-TF 244) | 4.7 | 97.7 | 7.7 | 7.0 | 6.0 | 4.7 | 6.0 | 7.0 | 6.3 | 6.4 | |
| PPG-TF 318 | 2.3 | 97.7 | 6.3 | 7.7 | 6.7 | 6.3 | 6.0 | 5.3 | 6.3 | 6.4 | |
| RS1 | 3.3 | 99.0 | 6.7 | 6.7 | 6.0 | 4.7 | 6.7 | 7.3 | 6.7 | 6.4 | |
| DLFPS-321/3707 | 4.0 | 96.3 | 6.7 | 7.3 | 5.0 | 5.0 | 6.3 | 7.3 | 6.7 | 6.3 | |
| DLFPS-TF/3550 | 2.7 | 97.7 | 6.7 | 7.3 | 5.7 | 5.7 | 6.3 | 6.3 | 6.0 | 6.3 | |
| PPG-TF 312 | 4.7 | 99.0 | 6.3 | 5.3 | 5.3 | 6.7 | 6.3 | 7.3 | 7.0 | 6.3 | |
| RDC | 3.7 | 97.7 | 7.0 | 6.0 | 6.7 | 5.3 | 6.3 | 7.0 | 5.7 | 6.3 | |
| RH3 | 3.7 | 96.3 | 6.3 | 6.7 | 6.7 | 5.7 | 7.3 | 7.0 | 4.7 | 6.3 | |
| RHF | 2.7 | 97.7 | 6.7 | 6.3 | 6.3 | 6.0 | 5.7 | 6.7 | 6.3 | 6.3 | |
| SERENADE (PPG-TF 320) | 1.7 | 97.7 | 6.3 | 5.7 | 7.3 | 5.7 | 6.7 | 7.0 | 5.3 | 6.3 | |
| TMT1 | 1.7 | 97.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.0 | 6.3 | |
| DLFPS-TF/3552 | 3.0 | 97.7 | 6.7 | 6.0 | 6.3 | 5.3 | 6.7 | 7.0 | 5.3 | 6.2 | |
| DYNAMITE G-LS (PPG-TF 254) | 2.3 | 99.0 | 6.7 | 6.0 | 5.7 | 5.7 | 6.3 | 6.7 | 6.7 | 6.2 | |
| GO-RH20 | 4.3 | 99.0 | 7.3 | 6.3 | 6.3 | 5.0 | 6.0 | 6.3 | 6.3 | 6.2 | |
| NAI-ROS4 | 4.7 | 99.0 | 6.7 | 6.0 | 6.3 | 5.7 | 5.7 | 6.7 | 6.3 | 6.2 | |
| PPG-TF 262 | 3.3 | 97.7 | 6.3 | 6.3 | 7.0 | 5.0 | 6.0 | 6.0 | 6.7 | 6.2 | |
| PPG-TF 316 | 3.3 | 97.7 | 6.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.0 | 5.7 | 6.2 | |
| RHL2 | 3.3 | 96.3 | 5.7 | 5.7 | 6.7 | 5.7 | 5.7 | 7.0 | 7.0 | 6.2 | |
| TD2 | 3.0 | 96.3 | 7.0 | 6.3 | 5.7 | 5.7 | 6.3 | 6.7 | 6.0 | 6.2 | |
| 5LSS | 2.3 | 99.0 | 6.3 | 6.7 | 6.7 | 5.7 | 5.7 | 6.3 | 5.3 | 6.1 | |
| BY-TF-169 | 3.0 | 99.0 | 6.7 | 5.0 | 6.0 | 6.3 | 6.0 | 6.7 | 6.3 | 6.1 | |
| DEGAS (LTP-TF-111) | 3.7 | 96.3 | 6.0 | 5.7 | 5.0 | 6.7 | 6.3 | 7.3 | 6.0 | 6.1 | |
| RC4 | 2.0 | 97.7 | 6.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.7 | 7.0 | 6.1 | |
| XANADU (JT 268) | 2.7 | 99.0 | 5.3 | 5.3 | 5.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.1 | |
| FIRECRACKER G-LS (PPG-TF 315) | 2.0 | 97.7 | 6.0 | 6.0 | 6.7 | 6.3 | 6.7 | 6.0 | 4.7 | 6.0 | |
| GLX ACED (PST-5DART) | 3.0 | 97.7 | 6.7 | 5.0 | 6.0 | 6.0 | 6.3 | 6.0 | 5.7 | 6.0 | |
| K18-WB1 | 6.0 | 99.0 | 6.3 | 6.3 | 5.3 | 5.0 | 5.3 | 7.3 | 6.3 | 6.0 | |
| NT-3 | 1.3 | 99.0 | 6.3 | 5.0 | 6.3 | 5.0 | 6.3 | 6.3 | 6.3 | 6.0 | |
| SYMPHONY (PPG-TF 305) | 2.3 | 96.3 | 6.7 | 5.3 | 6.0 | 5.3 | 6.0 | 6.7 | 6.3 | 6.0 | |
| TEACHER (PPG-TF 313) | 3.3 | 99.0 | 6.7 | 6.3 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | |
| TITANIUM G-LS (PPG-TF 255) | 1.3 | 97.7 | 6.0 | 6.0 | 6.7 | 6.0 | 5.7 | 6.0 | 5.7 | 6.0 | |
| AVENGER III (PPG-TF 308) | 3.7 | 97.7 | 7.0 | 5.0 | 6.0 | 4.7 | 5.3 | 7.0 | 6.0 | 5.9 | |
| DLFPS-321/3693 | 4.0 | 95.0 | 6.0 | 6.0 | 5.3 | 5.3 | 6.0 | 6.3 | 6.3 | 5.9 | |
| DRAGSTER | 3.3 | 97.7 | 6.3 | 5.7 | 5.7 | 5.0 | 5.7 | 6.3 | 6.7 | 5.9 | |

TABLE 17.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT ADELPHIA, NJ 1/
2021 DATA

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

| NAME | SPRING PERCENT GROUND | | QUALITY RATINGS | | | | | | | |
|------------------------|-----------------------|------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | GREENUP | COVER FALL | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| K18-NSE | 3.7 | 96.3 | 6.0 | 5.7 | 6.0 | 6.3 | 6.0 | 5.7 | 5.3 | 5.9 |
| OKEEFE (LTP-TF-122) | 3.3 | 97.7 | 6.0 | 6.7 | 5.7 | 5.7 | 5.0 | 6.7 | 5.7 | 5.9 |
| PST-5E6 | 5.3 | 99.0 | 7.7 | 5.7 | 4.7 | 4.3 | 5.7 | 7.0 | 6.0 | 5.9 |
| STEALTH (PPG-TF 238) | 2.0 | 99.0 | 6.0 | 5.7 | 6.0 | 5.3 | 5.7 | 6.7 | 6.0 | 5.9 |
| DLFPS-321/3708 | 1.7 | 97.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 | 5.0 | 5.8 |
| NAI-ST5 | 3.0 | 99.0 | 5.7 | 5.7 | 5.7 | 6.3 | 4.7 | 6.3 | 6.3 | 5.8 |
| JT 233 | 2.7 | 99.0 | 5.7 | 5.7 | 6.0 | 5.3 | 5.7 | 6.0 | 5.3 | 5.7 |
| PPG-TF 249 | 2.3 | 96.3 | 6.7 | 6.0 | 6.0 | 5.0 | 5.3 | 5.7 | 5.0 | 5.7 |
| TITAN MAX (TF456) | 3.0 | 97.7 | 5.0 | 6.7 | 5.0 | 4.7 | 5.3 | 6.7 | 6.3 | 5.7 |
| TRIAD (PPG-TF 323) | 1.3 | 97.7 | 6.0 | 5.0 | 6.0 | 5.3 | 6.0 | 6.3 | 5.0 | 5.7 |
| BULLSEYE LTZ | 1.3 | 97.7 | 5.0 | 4.0 | 5.3 | 5.3 | 5.3 | 7.0 | 7.0 | 5.6 |
| DLFPS-321/3695 | 4.3 | 96.3 | 6.3 | 5.0 | 6.0 | 5.0 | 6.0 | 6.0 | 5.0 | 5.6 |
| PPG-TF 306 | 2.0 | 97.7 | 4.7 | 6.0 | 6.0 | 6.0 | 5.0 | 5.3 | 6.0 | 5.6 |
| DLFPS-321/3706 | 4.3 | 96.3 | 6.3 | 5.3 | 5.0 | 5.7 | 5.0 | 6.0 | 5.0 | 5.5 |
| DLFPS-321/3694 | 3.7 | 97.7 | 6.0 | 6.0 | 5.3 | 5.3 | 4.7 | 5.0 | 5.3 | 5.4 |
| DLFPS-321/3699 | 2.3 | 96.3 | 6.3 | 5.3 | 5.7 | 5.3 | 6.0 | 4.3 | 4.7 | 5.4 |
| DLFPS-321/3702 | 2.7 | 99.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.3 | 5.3 | 5.4 |
| DLFPS-TF/3553 | 2.0 | 96.3 | 5.7 | 5.3 | 6.0 | 5.3 | 5.7 | 5.3 | 4.7 | 5.4 |
| PPG-TF 257 | 2.0 | 99.0 | 6.3 | 5.3 | 6.0 | 4.3 | 4.3 | 6.0 | 5.3 | 5.4 |
| PPG-TF 337 | 2.7 | 97.7 | 6.3 | 5.3 | 5.0 | 5.3 | 5.0 | 5.7 | 5.0 | 5.4 |
| PST-5GLBS | 2.7 | 99.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.7 | 6.3 | 5.0 | 5.4 |
| PST-5GQ | 2.3 | 99.0 | 6.3 | 5.0 | 5.3 | 4.3 | 5.7 | 5.7 | 5.7 | 5.4 |
| RH1 | 4.0 | 97.7 | 5.7 | 6.3 | 5.0 | 5.3 | 4.7 | 5.3 | 5.7 | 5.4 |
| GRANDE 3 | 5.3 | 97.7 | 6.0 | 5.3 | 4.7 | 5.0 | 5.0 | 6.0 | 5.0 | 5.3 |
| PPG-TF 267 | 3.0 | 99.0 | 4.0 | 5.3 | 6.0 | 6.0 | 5.3 | 5.0 | 5.3 | 5.3 |
| PST-5MCMO | 3.3 | 99.0 | 5.3 | 5.0 | 5.7 | 5.3 | 5.3 | 5.7 | 5.0 | 5.3 |
| PST-5TRN | 2.3 | 99.0 | 6.7 | 4.3 | 6.0 | 5.0 | 5.0 | 6.0 | 4.0 | 5.3 |
| TANK (PPG-TF 338) | 2.0 | 96.3 | 5.7 | 4.3 | 6.0 | 5.0 | 5.0 | 5.7 | 5.3 | 5.3 |
| DLFPS-321/3701 | 3.0 | 97.7 | 6.0 | 5.3 | 5.0 | 4.7 | 5.0 | 5.3 | 5.0 | 5.2 |
| RAD-TF105 | 2.3 | 99.0 | 6.3 | 5.3 | 5.3 | 4.3 | 4.0 | 6.0 | 5.3 | 5.2 |
| TALLADEGA II (NAI-3N2) | 3.3 | 99.0 | 6.3 | 4.7 | 4.7 | 4.3 | 5.0 | 5.0 | 5.7 | 5.1 |
| ATF1768 | 1.7 | 96.3 | 6.3 | 5.7 | 5.3 | 4.7 | 4.7 | 4.3 | 3.7 | 5.0 |
| DLFPS-321/3696 | 2.0 | 99.0 | 5.7 | 5.3 | 5.7 | 5.0 | 5.0 | 5.0 | 3.7 | 5.0 |
| HEMI | 2.7 | 97.7 | 4.7 | 6.0 | 5.3 | 5.3 | 4.7 | 4.3 | 5.0 | 5.0 |
| KIZZLE (K18-ROE) | 4.0 | 97.7 | 6.3 | 4.7 | 4.3 | 4.0 | 3.7 | 6.3 | 5.7 | 5.0 |
| PADRE 2 | 4.0 | 97.7 | 5.3 | 5.3 | 5.3 | 5.0 | 5.7 | 4.3 | 4.3 | 5.0 |
| PARAMOUNT | 3.7 | 99.0 | 5.7 | 4.0 | 4.7 | 5.7 | 5.7 | 4.7 | 5.0 | 5.0 |
| RAPTOR III | 2.3 | 97.7 | 7.0 | 4.7 | 4.7 | 4.0 | 4.0 | 5.3 | 5.0 | 5.0 |
| 3B2 | 4.3 | 99.0 | 4.3 | 4.3 | 5.3 | 5.7 | 4.7 | 4.7 | 5.3 | 4.9 |
| GRO-PRO (SE53D2) | 2.3 | 97.7 | 6.0 | 4.7 | 5.7 | 4.3 | 4.7 | 4.3 | 4.7 | 4.9 |
| PST-5BYOB | 2.7 | 99.0 | 5.3 | 5.0 | 5.7 | 5.0 | 4.7 | 4.3 | 4.0 | 4.9 |
| PST-5THM | 3.3 | 99.0 | 5.7 | 4.7 | 5.0 | 4.3 | 5.3 | 5.0 | 4.3 | 4.9 |
| ESTRENA | 3.7 | 97.7 | 4.3 | 4.3 | 4.7 | 5.3 | 6.3 | 4.0 | 4.3 | 4.8 |
| LIFEGUARD | 4.7 | 97.7 | 4.3 | 4.0 | 4.7 | 4.7 | 5.0 | 5.3 | 5.7 | 4.8 |
| DLFPS-321/3679 | 2.3 | 96.0 | 5.3 | 5.0 | 5.3 | 4.7 | 4.7 | 4.0 | 4.0 | 4.7 |

TABLE 17.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT ADELPHIA, NJ 1/
2021 DATA

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

| NAME | SPRING PERCENT GROUND | | QUALITY RATINGS | | | | | | | |
|-----------------------|-----------------------|------------|-----------------|------|------|------|------|------|------|------|
| | GREENUP | COVER FALL | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| FIREHAWK SLT | 3.0 | 99.0 | 4.7 | 5.0 | 4.0 | 6.0 | 4.0 | 4.3 | 4.7 | 4.7 |
| MOONDANCE GLX | 3.0 | 99.0 | 6.3 | 3.7 | 5.7 | 4.3 | 4.7 | 4.7 | 3.3 | 4.7 |
| PPG-TF 231 | 3.0 | 97.7 | 5.3 | 5.7 | 4.7 | 4.7 | 5.0 | 3.7 | 4.0 | 4.7 |
| MONUMENT (PST-5SQB) | 3.3 | 97.7 | 6.0 | 4.3 | 5.0 | 4.7 | 4.3 | 4.7 | 3.3 | 4.6 |
| PRO GOLD | 4.7 | 96.3 | 6.7 | 3.7 | 4.3 | 5.3 | 4.7 | 4.0 | 3.7 | 4.6 |
| FAIRFIELD (SETF104) | 2.7 | 97.7 | 6.3 | 5.3 | 3.3 | 3.0 | 3.7 | 4.7 | 5.0 | 4.5 |
| TOUGH (NAI-TUE) | 2.0 | 99.0 | 6.0 | 4.0 | 4.3 | 5.3 | 4.0 | 4.3 | 3.3 | 4.5 |
| FAYETTE | 4.3 | 96.3 | 5.7 | 4.0 | 4.7 | 4.7 | 4.7 | 4.0 | 3.0 | 4.4 |
| PST-5DZM | 1.7 | 97.7 | 5.3 | 4.3 | 5.0 | 4.7 | 3.7 | 3.7 | 4.0 | 4.4 |
| 3N1 | 3.7 | 99.0 | 4.0 | 3.7 | 5.7 | 6.0 | 4.3 | 3.0 | 3.7 | 4.3 |
| PST-5DC24 | 1.7 | 97.7 | 5.0 | 4.0 | 4.0 | 3.7 | 4.7 | 4.3 | 4.7 | 4.3 |
| TANGO | 1.0 | 99.0 | 4.7 | 4.0 | 4.7 | 3.7 | 3.7 | 3.7 | 5.0 | 4.2 |
| A-TF31 | 1.7 | 99.0 | 5.0 | 4.3 | 4.3 | 4.3 | 4.0 | 3.7 | 3.3 | 4.1 |
| BULLSEYE | 3.3 | 99.0 | 4.3 | 4.0 | 4.3 | 4.7 | 4.0 | 3.3 | 4.0 | 4.1 |
| COPIOUS TF | 2.7 | 94.7 | 5.3 | 4.7 | 4.7 | 3.7 | 3.3 | 3.3 | 4.0 | 4.1 |
| ATF2116 | 2.3 | 96.3 | 3.7 | 3.7 | 4.3 | 4.3 | 4.7 | 4.3 | 3.3 | 4.0 |
| LBF | 3.0 | 94.7 | 5.0 | 4.3 | 4.0 | 4.0 | 4.0 | 2.7 | 4.0 | 4.0 |
| PST-5MINK | 2.7 | 96.3 | 4.3 | 3.3 | 4.3 | 5.0 | 4.0 | 4.0 | 3.0 | 4.0 |
| SETFM3 | 3.7 | 97.7 | 4.3 | 4.0 | 4.7 | 4.0 | 3.3 | 4.0 | 4.0 | 4.0 |
| GO-AOMK | 1.0 | 99.0 | 4.0 | 3.7 | 3.7 | 4.0 | 4.0 | 3.3 | 4.3 | 3.9 |
| SE5STAR | 2.7 | 97.7 | 4.7 | 3.7 | 4.0 | 3.3 | 3.7 | 3.7 | 4.0 | 3.9 |
| BAR 9FE MAS | 5.0 | 96.3 | 5.3 | 4.3 | 3.3 | 3.7 | 4.0 | 3.0 | 2.7 | 3.8 |
| BGR-TF3 | 2.7 | 97.7 | 5.0 | 4.3 | 3.0 | 4.0 | 3.3 | 3.3 | 3.7 | 3.8 |
| DLFPS-321/3703 | 2.7 | 99.0 | 4.3 | 2.7 | 4.3 | 4.0 | 4.0 | 3.7 | 3.7 | 3.8 |
| BRAVO 2 | 2.7 | 95.0 | 3.7 | 3.3 | 4.3 | 4.7 | 3.3 | 3.0 | 3.3 | 3.7 |
| AST8218LM | 3.3 | 97.7 | 5.3 | 4.3 | 2.7 | 3.3 | 2.7 | 3.7 | 3.0 | 3.6 |
| BIRMINGHAM | 3.3 | 96.0 | 4.7 | 3.0 | 3.7 | 3.3 | 3.7 | 2.7 | 4.0 | 3.6 |
| GRAND PRIX (FC15-01P) | 3.7 | 99.0 | 3.7 | 3.7 | 4.0 | 3.3 | 3.0 | 3.3 | 4.3 | 3.6 |
| PALOMAR | 2.7 | 97.7 | 3.3 | 4.7 | 4.0 | 4.0 | 2.7 | 2.7 | 3.7 | 3.6 |
| RAD-TF115 (TURBO SS) | 1.3 | 96.0 | 5.3 | 3.0 | 3.0 | 3.3 | 3.0 | 3.7 | 3.7 | 3.6 |
| JT 517 | 3.3 | 96.0 | 3.0 | 3.0 | 3.7 | 3.7 | 4.0 | 3.3 | 3.7 | 3.5 |
| NATURALLY GREEN | 3.0 | 99.0 | 4.3 | 4.3 | 4.0 | 3.0 | 3.0 | 2.7 | 3.0 | 3.5 |
| SETFM2 | 3.0 | 96.3 | 4.3 | 3.0 | 2.3 | 2.7 | 4.0 | 3.7 | 4.3 | 3.5 |
| BAR-FA8230 | 2.7 | 97.7 | 4.7 | 3.0 | 3.3 | 3.0 | 3.0 | 3.3 | 3.3 | 3.4 |
| OG-WALK | 2.7 | 99.0 | 3.7 | 3.3 | 4.3 | 3.7 | 2.3 | 2.7 | 3.0 | 3.3 |
| AST8118LM | 2.3 | 99.0 | 4.7 | 3.0 | 2.3 | 3.0 | 3.0 | 2.7 | 4.0 | 3.2 |
| BAR FA 8228 | 3.3 | 99.0 | 2.7 | 3.0 | 3.3 | 3.3 | 2.3 | 4.0 | 3.7 | 3.2 |
| NAI-FQZ-17 | 3.0 | 99.0 | 2.0 | 3.3 | 4.3 | 4.3 | 2.7 | 3.3 | 2.3 | 3.2 |
| BANDIT | 2.3 | 96.3 | 4.3 | 2.3 | 3.0 | 3.3 | 3.3 | 2.7 | 2.7 | 3.1 |
| ESCALADE | 4.0 | 96.0 | 3.0 | 3.7 | 4.3 | 4.0 | 2.3 | 2.0 | 2.3 | 3.1 |
| RAD-TF131 | 1.0 | 96.3 | 4.3 | 2.7 | 2.7 | 2.7 | 2.3 | 3.0 | 3.3 | 3.0 |
| KENTUCKY-31 | 4.3 | 99.0 | 1.0 | 1.0 | 1.3 | 1.0 | 1.0 | 1.7 | 1.0 | 1.1 |
| LSD VALUE | 1.4 | 7.3 | 1.9 | 1.5 | 1.5 | 1.7 | 1.7 | 1.4 | 1.7 | 0.8 |
| C.V. (%) | 28.7 | 2.0 | 19.9 | 19.1 | 18.0 | 19.9 | 21.5 | 17.7 | 20.8 | 10.7 |

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 18A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

| NAME | UNIFORMITY APRIL 26 | | FULLNESS OF CANOPY APRIL 26 | | UNIFORMITY JUNE 10 | | FULLNESS OF CANOPY JUNE 10 | | PERCENT GREEN COVER JUNE 11 | |
|--------------------------------|------------------------|---------|--------------------------------|---------|-----------------------|---------|-------------------------------|---------|--------------------------------|---------|
| | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC |
| PPG-TF 267 | 7.0 | 6.3 | 73.3 | 70.0 | 9.0 | 7.7 | 97.7 | 80.0 | 92.0 | 82.7 |
| PRO GOLD | 7.0 | 7.0 | 70.0 | 75.0 | 8.7 | 7.3 | 95.0 | 78.3 | 94.3 | 82.7 |
| PST-5BYOB | 7.0 | 4.7 | 70.0 | 53.3 | 8.7 | 6.0 | 95.0 | 68.3 | 92.0 | 82.7 |
| CAPITAN (DLFPS-321/3705) | 6.0 | 3.7 | 63.3 | 45.0 | 8.7 | 5.3 | 89.7 | 51.7 | 93.0 | 82.0 |
| AH2 | 5.3 | 4.3 | 53.3 | 48.3 | 8.7 | 6.3 | 88.3 | 66.7 | 93.7 | 80.7 |
| PPG-TF 231 | 6.7 | 6.3 | 76.7 | 70.0 | 9.0 | 7.3 | 99.0 | 73.3 | 91.7 | 80.7 |
| RH1 | 6.3 | 6.0 | 68.3 | 65.0 | 9.0 | 6.7 | 96.3 | 70.0 | 92.3 | 80.7 |
| DEGAS (LTP-TF-111) | 5.3 | 6.0 | 60.0 | 63.3 | 8.7 | 6.3 | 91.7 | 65.0 | 93.0 | 80.3 |
| FIREHAWK SLT | 5.3 | 5.0 | 58.3 | 55.0 | 9.0 | 5.0 | 92.7 | 61.7 | 92.7 | 80.0 |
| MOONDANCE GLX | 6.0 | 4.7 | 66.7 | 46.7 | 8.0 | 5.7 | 88.3 | 63.3 | 92.3 | 80.0 |
| PADRE 2 | 6.0 | 6.3 | 61.7 | 66.7 | 9.0 | 6.7 | 95.0 | 66.7 | 92.0 | 79.7 |
| PPG-TF 306 | 6.7 | 6.7 | 73.3 | 71.7 | 9.0 | 7.3 | 99.0 | 78.3 | 92.3 | 79.7 |
| PST-5DC24 | 5.3 | 5.3 | 58.3 | 58.3 | 8.7 | 6.7 | 91.7 | 73.3 | 91.3 | 79.3 |
| PST-5TRN | 7.3 | 5.7 | 78.3 | 63.3 | 8.3 | 7.3 | 96.3 | 71.7 | 91.0 | 79.3 |
| RH3 | 6.3 | 6.3 | 75.0 | 65.0 | 9.0 | 7.3 | 96.3 | 73.3 | 90.7 | 79.3 |
| ESTRENA | 6.0 | 6.0 | 63.3 | 65.0 | 8.7 | 6.3 | 91.7 | 56.7 | 90.3 | 79.0 |
| GLX ACED (PST-5DART) | 7.0 | 7.7 | 70.0 | 70.0 | 8.7 | 7.7 | 91.7 | 78.3 | 92.3 | 78.7 |
| ROWDIER (DLFPS-321/3699) | 6.7 | 6.0 | 70.0 | 63.3 | 9.0 | 7.0 | 94.7 | 70.0 | 90.3 | 78.7 |
| DLFPS-321/3706 | 6.3 | 5.3 | 66.7 | 55.0 | 8.7 | 5.7 | 94.7 | 58.3 | 92.0 | 78.3 |
| PPG-TF 318 | 4.3 | 5.0 | 46.7 | 56.7 | 7.7 | 6.7 | 85.0 | 61.7 | 91.0 | 78.3 |
| TD2 | 6.0 | 5.3 | 70.0 | 60.0 | 8.7 | 6.7 | 97.7 | 66.7 | 90.3 | 78.3 |
| 3N1 | 5.3 | 5.7 | 63.3 | 58.3 | 9.0 | 6.7 | 96.0 | 73.3 | 91.7 | 78.0 |
| BULLSEYE | 5.7 | 5.3 | 58.3 | 55.0 | 8.3 | 6.3 | 86.7 | 65.0 | 91.3 | 78.0 |
| DLFPS-321/3707 | 5.7 | 4.7 | 65.0 | 50.0 | 9.0 | 6.0 | 96.3 | 58.3 | 90.7 | 78.0 |
| FIRECRACKER G-LS (PPG-TF 315) | 6.7 | 4.7 | 73.3 | 51.7 | 9.0 | 6.0 | 99.0 | 63.3 | 90.7 | 78.0 |
| GRANDE 3 | 4.3 | 4.0 | 48.3 | 43.3 | 8.0 | 5.3 | 75.0 | 53.3 | 93.0 | 78.0 |
| NAI-ROS4 | 7.0 | 6.7 | 70.0 | 68.3 | 8.3 | 6.7 | 91.3 | 75.0 | 91.0 | 78.0 |
| RAPTOR LS (PPG-TF 336) | 6.7 | 5.3 | 73.3 | 68.3 | 9.0 | 7.0 | 94.7 | 71.7 | 92.0 | 78.0 |
| SPYDER 2LS (ZRC1) | 6.0 | 5.7 | 65.0 | 66.7 | 8.3 | 6.0 | 89.7 | 66.7 | 91.3 | 78.0 |
| TOUGH (NAI-TUE) | 5.7 | 5.7 | 56.7 | 51.7 | 8.7 | 6.0 | 91.7 | 70.0 | 92.7 | 78.0 |
| BY-TF-169 | 6.7 | 5.0 | 70.0 | 60.0 | 9.0 | 6.0 | 96.3 | 56.7 | 89.7 | 77.7 |
| DLFPS-321/3708 | 6.0 | 6.3 | 65.0 | 66.7 | 9.0 | 6.3 | 96.0 | 68.3 | 90.7 | 77.7 |
| HOUND OG NINE (DLFPS-321/3702) | 9.0 | 8.0 | 91.7 | 80.0 | 9.0 | 7.7 | 99.0 | 71.7 | 89.0 | 77.7 |
| PPG-TF 249 | 6.7 | 6.3 | 78.3 | 66.7 | 9.0 | 7.7 | 97.7 | 75.0 | 90.0 | 77.7 |
| PPG-TF 337 | 6.0 | 5.3 | 65.0 | 58.3 | 9.0 | 6.0 | 96.0 | 68.3 | 89.3 | 77.7 |
| AST8118LM | 5.3 | 5.7 | 58.3 | 65.0 | 8.7 | 6.3 | 83.3 | 60.0 | 89.3 | 77.3 |
| K18-NSE | 7.7 | 5.7 | 75.0 | 58.3 | 9.0 | 6.0 | 97.7 | 56.7 | 91.0 | 77.3 |
| PPG-TF 257 | 6.7 | 4.7 | 73.3 | 48.3 | 8.7 | 5.7 | 94.3 | 55.0 | 89.7 | 77.3 |
| ESSENTIAL 2 (DLFPS-TF/3552) | 7.0 | 6.0 | 73.3 | 60.0 | 9.0 | 7.0 | 99.0 | 70.0 | 91.0 | 77.0 |
| PST-5GQ | 7.3 | 7.0 | 71.7 | 63.3 | 8.7 | 6.0 | 95.0 | 60.0 | 92.0 | 77.0 |
| SYMPHONY (PPG-TF 305) | 5.7 | 4.3 | 63.3 | 50.0 | 9.0 | 5.7 | 95.0 | 58.3 | 91.3 | 77.0 |
| AVENGER III (PPG-TF 308) | 5.3 | 4.3 | 56.7 | 45.0 | 8.7 | 5.3 | 93.3 | 51.7 | 92.7 | 76.7 |
| DLFPS-321/3703 | 8.7 | 6.3 | 80.0 | 68.3 | 9.0 | 6.7 | 99.0 | 75.0 | 91.0 | 76.7 |
| PPG-TF 312 | 7.0 | 4.3 | 71.7 | 48.3 | 9.0 | 5.7 | 99.0 | 56.7 | 87.3 | 76.7 |
| TANK (PPG-TF 338) | 6.7 | 7.3 | 70.0 | 75.0 | 9.0 | 7.3 | 93.0 | 71.7 | 90.0 | 76.7 |

TABLE 18A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

| NAME | UNIFORMITY APRIL 26 | | FULLNESS OF CANOPY APRIL 26 | | UNIFORMITY JUNE 10 | | FULLNESS OF CANOPY JUNE 10 | | PERCENT GREEN COVER JUNE 11 | |
|----------------------------|------------------------|---------|--------------------------------|---------|-----------------------|---------|-------------------------------|---------|--------------------------------|---------|
| | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC |
| BRAVO 2 | 7.3 | 7.0 | 76.7 | 68.3 | 8.7 | 7.3 | 96.3 | 75.0 | 89.7 | 76.3 |
| COPIOUS TF | 6.3 | 6.3 | 68.3 | 63.3 | 9.0 | 5.7 | 93.3 | 66.7 | 90.0 | 76.3 |
| SR 8700 (TMT1) | 6.0 | 4.7 | 63.3 | 41.7 | 8.7 | 5.0 | 91.7 | 51.7 | 91.3 | 76.3 |
| BONFIRE (JS DTT) | 6.3 | 4.0 | 63.3 | 46.7 | 9.0 | 5.3 | 95.0 | 61.7 | 93.0 | 76.0 |
| FIRENZA II (PPG-TF 244) | 5.3 | 5.0 | 60.0 | 56.7 | 8.0 | 6.3 | 88.0 | 56.7 | 92.7 | 76.0 |
| HEMI | 6.0 | 6.0 | 66.7 | 56.7 | 8.3 | 6.7 | 89.7 | 65.0 | 89.7 | 76.0 |
| LIFEGUARD | 7.0 | 6.3 | 71.7 | 71.7 | 9.0 | 6.3 | 95.0 | 68.3 | 89.0 | 76.0 |
| PST-5DZM | 5.7 | 5.7 | 63.3 | 61.7 | 9.0 | 6.7 | 90.0 | 65.0 | 92.3 | 76.0 |
| RAD-TF131 | 5.7 | 4.0 | 60.0 | 41.7 | 8.3 | 4.7 | 91.3 | 51.7 | 90.0 | 76.0 |
| SERENADE (PPG-TF 320) | 6.3 | 5.0 | 71.7 | 58.3 | 9.0 | 6.3 | 93.0 | 63.3 | 92.0 | 76.0 |
| TANGO | 6.0 | 5.7 | 61.7 | 63.3 | 8.7 | 6.7 | 88.3 | 68.3 | 90.7 | 76.0 |
| BIRMINGHAM | 7.0 | 7.0 | 75.0 | 71.7 | 8.3 | 6.7 | 91.3 | 70.0 | 90.3 | 75.7 |
| FAYETTE | 7.7 | 7.0 | 76.7 | 76.7 | 9.0 | 6.3 | 93.0 | 70.0 | 91.3 | 75.7 |
| K18-WB1 | 6.3 | 5.3 | 71.7 | 61.7 | 9.0 | 5.3 | 79.7 | 61.7 | 90.0 | 75.7 |
| RHL2 | 7.7 | 7.0 | 78.3 | 66.7 | 9.0 | 7.0 | 99.0 | 71.7 | 90.0 | 75.7 |
| TITAN MAX (TF456) | 6.0 | 5.7 | 68.3 | 61.7 | 9.0 | 6.7 | 93.0 | 65.0 | 89.3 | 75.7 |
| DRAGSTER | 5.7 | 5.0 | 60.0 | 50.0 | 8.3 | 5.0 | 90.0 | 50.0 | 89.3 | 75.3 |
| KIZZLE (K18-ROE) | 7.7 | 7.3 | 75.0 | 70.0 | 9.0 | 6.3 | 95.0 | 70.0 | 89.7 | 75.3 |
| OKEEFE (LTP-TF-122) | 7.0 | 6.3 | 78.3 | 68.3 | 9.0 | 6.7 | 99.0 | 66.7 | 91.3 | 75.3 |
| PPG-TF 316 | 7.7 | 5.7 | 73.3 | 50.0 | 8.7 | 6.0 | 96.3 | 60.0 | 91.7 | 75.3 |
| RACEWAY (DLFPS-321/3696) | 8.3 | 8.0 | 85.0 | 76.7 | 9.0 | 8.0 | 97.7 | 81.7 | 90.0 | 75.3 |
| TALLADEGA II (NAI-3N2) | 7.7 | 7.0 | 78.3 | 66.7 | 9.0 | 6.0 | 93.0 | 68.3 | 92.3 | 75.3 |
| DLFPS-321/3693 | 7.0 | 6.0 | 70.0 | 65.0 | 8.3 | 6.0 | 91.0 | 60.0 | 91.3 | 75.0 |
| K18-RS6 | 5.0 | 5.7 | 61.7 | 65.0 | 8.3 | 6.3 | 89.3 | 70.0 | 91.3 | 75.0 |
| PARAMOUNT | 6.7 | 5.3 | 70.0 | 60.0 | 9.0 | 6.7 | 93.3 | 65.0 | 89.0 | 75.0 |
| PST-5MCMO | 6.3 | 6.0 | 65.0 | 68.3 | 8.3 | 6.0 | 91.7 | 61.7 | 91.7 | 75.0 |
| RC4 | 7.7 | 5.7 | 81.7 | 61.7 | 9.0 | 5.3 | 96.0 | 56.7 | 90.7 | 75.0 |
| BULLSEYE LTZ | 7.3 | 6.7 | 76.7 | 75.0 | 9.0 | 7.7 | 94.7 | 68.3 | 90.3 | 74.7 |
| RAPTOR III | 6.0 | 4.7 | 58.3 | 51.7 | 8.7 | 6.3 | 91.0 | 60.0 | 90.3 | 74.7 |
| SETFM3 | 5.3 | 5.0 | 58.3 | 51.7 | 8.3 | 5.3 | 86.3 | 60.0 | 92.0 | 74.7 |
| AH1 | 7.3 | 5.7 | 75.0 | 58.3 | 9.0 | 5.3 | 97.7 | 61.7 | 93.0 | 74.3 |
| PST-5MINK | 7.3 | 6.3 | 75.0 | 63.3 | 8.7 | 7.0 | 95.0 | 73.3 | 87.3 | 74.3 |
| STEALTH (PPG-TF 238) | 5.7 | 5.0 | 65.0 | 50.0 | 9.0 | 5.7 | 97.7 | 58.3 | 91.0 | 74.3 |
| TEACHER (PPG-TF 313) | 5.0 | 4.7 | 56.7 | 46.7 | 8.0 | 5.7 | 84.7 | 55.0 | 89.3 | 74.3 |
| BAR-FA8230 | 5.0 | 5.0 | 53.3 | 46.7 | 7.7 | 4.0 | 81.7 | 41.7 | 90.0 | 74.0 |
| JT 233 | 6.3 | 5.3 | 70.0 | 63.3 | 9.0 | 7.0 | 97.7 | 65.0 | 89.7 | 74.0 |
| MONUMENT (PST-5SQB) | 6.7 | 6.7 | 66.7 | 65.0 | 8.7 | 6.0 | 93.3 | 66.7 | 92.0 | 74.0 |
| TITAN GLX (TF445) | 5.3 | 4.7 | 63.3 | 55.0 | 8.7 | 5.7 | 88.0 | 61.7 | 90.7 | 74.0 |
| TITANIUM G-LS (PPG-TF 255) | 6.7 | 5.3 | 66.7 | 55.0 | 9.0 | 5.3 | 99.0 | 55.0 | 91.0 | 73.7 |
| GALACTIC (SESCR1) | 6.7 | 4.7 | 63.3 | 53.3 | 8.7 | 4.7 | 91.3 | 51.7 | 88.7 | 73.3 |
| NAI-FQZ-17 | 7.0 | 5.0 | 70.0 | 56.7 | 8.7 | 6.0 | 93.0 | 63.3 | 91.0 | 73.3 |
| PPG-TF 262 | 7.0 | 5.3 | 70.0 | 53.3 | 9.0 | 6.3 | 99.0 | 63.3 | 90.7 | 73.3 |
| XANADU (JT 268) | 4.7 | 4.3 | 51.7 | 46.7 | 8.3 | 4.7 | 86.3 | 58.3 | 92.7 | 73.3 |
| AST8218LM | 5.3 | 5.3 | 56.7 | 55.0 | 8.0 | 5.0 | 81.7 | 51.7 | 90.0 | 73.0 |
| BANDIT | 5.0 | 5.7 | 53.3 | 48.3 | 8.0 | 5.7 | 91.7 | 56.7 | 91.0 | 73.0 |

TABLE 18A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SPRING TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

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

| NAME | UNIFORMITY | | FULLNESS OF CANOPY | | UNIFORMITY | | FULLNESS OF CANOPY | | PERCENT GREEN COVER | |
|--------------------------------|------------|---------|--------------------|---------|------------|---------|--------------------|---------|---------------------|---------|
| | APRIL 26 | | APRIL 26 | | JUNE 10 | | JUNE 10 | | JUNE 11 | |
| | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC |
| PST-5THM | 6.3 | 6.0 | 61.7 | 63.3 | 8.3 | 5.7 | 93.3 | 65.0 | 89.7 | 73.0 |
| SE5STAR | 7.7 | 6.7 | 80.0 | 75.0 | 9.0 | 6.0 | 96.3 | 60.0 | 90.0 | 73.0 |
| ZION (BAR TF 134) | 7.0 | 4.7 | 71.7 | 51.7 | 8.7 | 5.7 | 97.7 | 55.0 | 92.0 | 73.0 |
| GO-AOMK | 7.0 | 6.0 | 70.0 | 61.7 | 8.7 | 5.7 | 88.0 | 63.3 | 88.0 | 72.7 |
| BENTLEY (DLFPS-321/3679) | 8.0 | 7.0 | 80.0 | 75.0 | 8.7 | 6.7 | 97.7 | 73.3 | 90.7 | 72.3 |
| A-TF31 | 4.7 | 5.0 | 55.0 | 60.0 | 8.3 | 6.0 | 85.0 | 60.0 | 87.7 | 72.0 |
| BAR 9FE MAS | 3.7 | 3.7 | 43.3 | 41.7 | 7.3 | 4.0 | 71.7 | 45.0 | 88.7 | 72.0 |
| FAIRFIELD (SETF104) | 6.3 | 5.7 | 68.3 | 58.3 | 9.0 | 6.3 | 94.7 | 65.0 | 88.7 | 72.0 |
| GRO-PRO (SE53D2) | 6.3 | 6.7 | 71.7 | 68.3 | 8.3 | 5.7 | 91.7 | 51.7 | 89.7 | 72.0 |
| BGR-TF3 | 7.0 | 6.7 | 70.0 | 68.3 | 9.0 | 5.7 | 90.0 | 60.0 | 90.0 | 71.7 |
| LBF | 5.7 | 5.7 | 58.3 | 60.0 | 8.7 | 5.7 | 88.3 | 60.0 | 89.7 | 71.7 |
| PST-5E6 | 7.0 | 5.7 | 70.0 | 58.3 | 8.7 | 5.3 | 93.3 | 58.3 | 91.3 | 71.7 |
| BLADERUNNER 3 (DLFPS-321/3701) | 8.0 | 5.3 | 78.3 | 58.3 | 9.0 | 5.3 | 99.0 | 58.3 | 90.7 | 71.0 |
| DYNAMITE G-LS (PPG-TF 254) | 7.7 | 5.7 | 75.0 | 51.7 | 9.0 | 4.3 | 99.0 | 50.0 | 89.7 | 71.0 |
| GO-RH20 | 5.7 | 5.3 | 61.7 | 56.7 | 8.0 | 5.3 | 81.0 | 60.0 | 91.7 | 71.0 |
| JT 517 | 5.0 | 5.0 | 50.0 | 50.0 | 8.0 | 5.7 | 85.0 | 61.7 | 89.3 | 71.0 |
| RS1 | 6.7 | 6.0 | 73.3 | 66.7 | 9.0 | 6.0 | 97.7 | 63.3 | 91.3 | 71.0 |
| PALOMAR | 6.0 | 5.7 | 66.7 | 70.0 | 8.3 | 5.3 | 83.3 | 56.7 | 86.7 | 70.7 |
| RDC | 7.0 | 6.7 | 66.7 | 65.0 | 9.0 | 6.7 | 96.3 | 63.3 | 91.0 | 70.7 |
| 3B2 | 5.7 | 5.3 | 58.3 | 53.3 | 8.7 | 6.0 | 86.7 | 58.3 | 89.3 | 70.3 |
| SETFM2 | 6.0 | 5.3 | 65.0 | 53.3 | 8.3 | 5.3 | 90.0 | 55.0 | 91.3 | 70.3 |
| DLFPS-321/3695 | 8.0 | 6.3 | 80.0 | 65.0 | 9.0 | 5.0 | 93.3 | 50.0 | 92.0 | 70.0 |
| ESCALADE | 5.0 | 5.3 | 55.0 | 60.0 | 7.7 | 5.0 | 83.3 | 46.7 | 90.3 | 70.0 |
| GALLARDO (DLFPS-TF/3550) | 7.0 | 6.3 | 75.0 | 68.3 | 9.0 | 6.3 | 97.7 | 66.7 | 90.0 | 70.0 |
| PST-5GLBS | 6.3 | 5.7 | 65.0 | 53.3 | 8.3 | 5.3 | 86.7 | 63.3 | 89.0 | 70.0 |
| 5LSS | 7.0 | 5.7 | 73.3 | 60.0 | 9.0 | 5.3 | 97.7 | 58.3 | 92.7 | 69.7 |
| TRIAD (PPG-TF 323) | 8.0 | 5.7 | 78.3 | 63.3 | 9.0 | 6.0 | 97.7 | 60.0 | 89.0 | 69.7 |
| COL-TF-148 | 8.0 | 5.7 | 81.7 | 73.3 | 9.0 | 5.0 | 96.3 | 58.3 | 90.7 | 69.0 |
| RAD-TF115 (TURBO SS) | 5.3 | 3.7 | 63.3 | 48.3 | 8.3 | 4.7 | 85.0 | 43.3 | 87.7 | 69.0 |
| BAR FA 8228 | 5.7 | 4.3 | 63.3 | 50.0 | 7.7 | 4.3 | 81.7 | 45.0 | 90.3 | 68.7 |
| DLFPS-TF/3553 | 6.7 | 6.0 | 73.3 | 70.0 | 9.0 | 6.3 | 97.7 | 65.0 | 90.3 | 68.7 |
| RHF | 5.7 | 5.3 | 58.3 | 55.0 | 8.3 | 4.7 | 84.7 | 48.3 | 92.0 | 68.3 |
| KENTUCKY-31 | 4.3 | 3.0 | 43.3 | 35.0 | 5.7 | 3.0 | 53.3 | 31.7 | 86.0 | 68.0 |
| RAD-TF105 | 6.7 | 5.0 | 68.3 | 50.0 | 9.0 | 5.0 | 94.7 | 53.3 | 89.7 | 68.0 |
| DLFPS-321/3694 | 6.0 | 5.0 | 61.7 | 55.0 | 8.7 | 5.0 | 88.3 | 51.7 | 90.7 | 67.7 |
| NT-3 | 6.7 | 5.3 | 70.0 | 58.3 | 8.3 | 5.0 | 87.7 | 55.0 | 92.7 | 67.3 |
| GRAND PRIX (FC15-01P) | 6.3 | 6.3 | 66.7 | 65.0 | 8.3 | 5.7 | 86.7 | 56.7 | 89.7 | 67.0 |
| NAI-ST5 | 6.3 | 4.0 | 70.0 | 45.0 | 7.7 | 3.7 | 86.3 | 46.7 | 92.7 | 66.7 |
| ATF1768 | 6.3 | 5.3 | 66.7 | 56.7 | 8.3 | 5.3 | 86.7 | 50.0 | 86.7 | 66.3 |
| ATF2116 | 6.3 | 6.0 | 65.0 | 63.3 | 8.0 | 5.0 | 81.7 | 53.3 | 90.7 | 65.7 |
| OG-WALK | 5.0 | 4.0 | 53.3 | 48.3 | 7.7 | 4.0 | 76.7 | 41.7 | 87.7 | 65.7 |
| NATURALLY GREEN | 6.0 | 6.0 | 58.3 | 65.0 | 8.0 | 4.7 | 81.7 | 51.7 | 89.7 | 64.3 |
| LSD VALUE | 3.9 | 3.6 | 31.6 | 32.6 | 1.1 | 2.7 | 14.5 | 31.2 | 3.6 | 31.9 |
| C.V. (%) | 22.0 | 24.0 | 18.3 | 21.5 | 6.6 | 20.2 | 8.3 | 20.2 | 2.0 | 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 18B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

| NAME | UNIFORMITY JULY 29 | | FULLNESS OF CANOPY JULY 30 | | PERCENT GREEN COVER JULY 30 | |
|---------------------------------|-----------------------|---------|-------------------------------|---------|--------------------------------|---------|
| | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC |
| PPG-TF 312 | 9.0 | 6.3 | 99.0 | 58.3 | 91.3 | 84.3 |
| PRO GOLD | 8.7 | 6.7 | 96.3 | 63.3 | 92.3 | 83.0 |
| GLX ACED (PST-5DART) | 8.7 | 6.7 | 95.0 | 63.3 | 93.3 | 82.0 |
| TD2 | 9.0 | 6.3 | 97.7 | 63.3 | 92.0 | 81.7 |
| MOONDANCE GLX | 8.0 | 6.0 | 95.0 | 65.0 | 92.7 | 81.3 |
| PST-5BYOB | 8.3 | 6.0 | 91.7 | 53.3 | 92.3 | 81.3 |
| CAPITAN (DLFPS-321/3705) | 9.0 | 6.0 | 99.0 | 51.7 | 93.3 | 81.0 |
| SPYDER 2LS (ZRC1) | 9.0 | 6.3 | 97.7 | 65.0 | 92.0 | 81.0 |
| TITAN MAX (TF456) | 9.0 | 6.3 | 96.0 | 56.7 | 93.3 | 81.0 |
| PPG-TF 306 | 9.0 | 7.3 | 99.0 | 68.3 | 92.7 | 80.7 |
| PPG-TF 337 | 9.0 | 7.0 | 97.7 | 58.3 | 92.0 | 80.7 |
| PST-5DC24 | 8.3 | 6.0 | 90.0 | 50.0 | 91.3 | 80.7 |
| FIREHAWK SLT | 9.0 | 6.0 | 97.7 | 60.0 | 94.0 | 80.3 |
| FIRENZA II (PPG-TF 244) | 9.0 | 6.0 | 97.7 | 51.7 | 93.3 | 80.3 |
| PPG-TF 318 | 8.7 | 6.7 | 93.0 | 66.7 | 92.0 | 80.3 |
| PST-5GQ | 9.0 | 6.3 | 96.3 | 56.7 | 91.7 | 80.3 |
| PST-5TRN | 8.7 | 6.7 | 94.7 | 63.3 | 92.7 | 80.3 |
| ROWDIER (DLFPS-321/3699) | 9.0 | 7.0 | 96.3 | 58.3 | 92.0 | 80.3 |
| DEGAS (LTP-TF-111) | 9.0 | 4.7 | 97.7 | 55.0 | 92.7 | 80.0 |
| KIZZLE (K18-ROE) | 8.7 | 5.7 | 94.3 | 51.7 | 93.0 | 80.0 |
| PPG-TF 231 | 9.0 | 6.7 | 97.7 | 68.3 | 90.0 | 80.0 |
| RAPTOR III | 9.0 | 6.3 | 97.7 | 56.7 | 92.3 | 80.0 |
| RHL2 | 9.0 | 5.7 | 97.7 | 51.7 | 92.3 | 80.0 |
| 3N1 | 9.0 | 6.7 | 97.7 | 58.3 | 92.7 | 79.7 |
| DLFPS-321/3708 | 9.0 | 6.0 | 99.0 | 63.3 | 89.0 | 79.7 |
| RACEWAY (DLFPS-321/3696) | 9.0 | 5.3 | 97.7 | 60.0 | 90.3 | 79.7 |
| RH3 | 8.7 | 6.7 | 97.7 | 66.7 | 91.7 | 79.7 |
| HEMI | 9.0 | 5.7 | 91.7 | 55.0 | 92.3 | 79.3 |
| K18-RS6 | 8.7 | 6.7 | 96.0 | 68.3 | 92.0 | 79.3 |
| NAI-ROS4 | 9.0 | 6.3 | 94.7 | 61.7 | 92.3 | 79.3 |
| PST-5MCMO | 8.7 | 5.3 | 95.0 | 53.3 | 91.0 | 79.3 |
| BY-TF-169 | 9.0 | 5.0 | 99.0 | 45.0 | 92.7 | 79.0 |
| RAPTOR LS (PPG-TF 336) | 9.0 | 6.3 | 99.0 | 61.7 | 92.3 | 79.0 |
| GALACTIC (SESCR1) | 9.0 | 5.3 | 94.7 | 46.7 | 91.7 | 78.7 |
| K18-WB1 | 9.0 | 5.7 | 99.0 | 51.7 | 91.3 | 78.7 |
| RH1 | 9.0 | 6.3 | 91.7 | 53.3 | 94.0 | 78.7 |
| SR 8700 (TMT1) | 8.7 | 5.3 | 97.7 | 38.3 | 91.3 | 78.7 |
| DRAGSTER | 9.0 | 5.7 | 97.7 | 43.3 | 92.3 | 78.3 |
| FIRECRACKER G-LS (PPG-TF 315) | 9.0 | 7.0 | 99.0 | 58.3 | 90.0 | 78.3 |
| JT 233 | 9.0 | 6.7 | 96.3 | 63.3 | 92.0 | 78.3 |
| TANGO | 8.7 | 5.7 | 93.3 | 58.3 | 90.3 | 78.3 |
| HOUND DOG NINE (DLFPS-321/3702) | 9.0 | 6.3 | 99.0 | 56.7 | 90.3 | 78.0 |
| TEACHER (PPG-TF 313) | 9.0 | 5.3 | 97.7 | 46.7 | 92.0 | 78.0 |
| LIFEGUARD | 8.7 | 5.7 | 95.0 | 50.0 | 94.0 | 77.7 |
| OKEEFE (LTP-TF-122) | 9.0 | 5.7 | 99.0 | 50.0 | 91.3 | 77.7 |

TABLE 18B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

| NAME | UNIFORMITY JULY 29 | | FULLNESS OF CANOPY JULY 30 | | PERCENT GREEN COVER JULY 30 | |
|-----------------------------|-----------------------|---------|-------------------------------|---------|--------------------------------|---------|
| | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC |
| PPG-TF 267 | 9.0 | 6.7 | 99.0 | 70.0 | 92.3 | 77.7 |
| PST-5THM | 8.0 | 5.7 | 93.3 | 50.0 | 91.7 | 77.7 |
| STEALTH (PPG-TF 238) | 9.0 | 5.7 | 99.0 | 41.7 | 92.3 | 77.7 |
| TANK (PPG-TF 338) | 9.0 | 6.7 | 99.0 | 65.0 | 90.7 | 77.7 |
| AH2 | 9.0 | 5.7 | 99.0 | 56.7 | 91.7 | 77.3 |
| BULLSEYE LTZ | 9.0 | 6.3 | 97.7 | 58.3 | 92.0 | 77.3 |
| DLFPS-321/3703 | 9.0 | 6.3 | 99.0 | 58.3 | 92.3 | 77.3 |
| TALLADEGA II (NAI-3N2) | 9.0 | 5.7 | 97.7 | 55.0 | 91.3 | 77.3 |
| AST8118LM | 8.7 | 5.7 | 93.3 | 46.7 | 91.7 | 77.0 |
| AVENGER III (PPG-TF 308) | 8.7 | 5.0 | 97.7 | 48.3 | 90.0 | 77.0 |
| BULLSEYE | 9.0 | 6.0 | 91.7 | 51.7 | 94.0 | 77.0 |
| DLFPS-321/3693 | 8.7 | 5.0 | 96.0 | 48.3 | 91.3 | 77.0 |
| FAYETTE | 9.0 | 5.7 | 96.3 | 48.3 | 91.3 | 77.0 |
| PPG-TF 257 | 9.0 | 6.0 | 97.7 | 43.3 | 90.7 | 77.0 |
| RAD-TF131 | 8.7 | 4.7 | 93.3 | 46.7 | 92.3 | 77.0 |
| SYMPHONY (PPG-TF 305) | 9.0 | 5.7 | 99.0 | 51.7 | 93.0 | 77.0 |
| BONFIRE (JS DTT) | 8.7 | 5.0 | 96.3 | 50.0 | 91.3 | 76.7 |
| GRANDE 3 | 9.0 | 4.7 | 91.7 | 48.3 | 92.7 | 76.7 |
| JT 517 | 8.3 | 4.3 | 93.3 | 38.3 | 91.7 | 76.7 |
| PADRE 2 | 9.0 | 5.7 | 97.7 | 60.0 | 91.7 | 76.7 |
| XANADU (JT 268) | 9.0 | 5.7 | 97.7 | 51.7 | 92.3 | 76.7 |
| BRAVO 2 | 9.0 | 6.3 | 96.3 | 60.0 | 91.3 | 76.3 |
| DLFPS-321/3707 | 9.0 | 6.7 | 99.0 | 55.0 | 91.0 | 76.3 |
| ESCALADE | 7.7 | 5.0 | 85.0 | 43.3 | 92.0 | 76.0 |
| PARAMOUNT | 9.0 | 6.3 | 96.3 | 53.3 | 91.3 | 76.0 |
| PPG-TF 249 | 9.0 | 6.0 | 99.0 | 63.3 | 91.0 | 76.0 |
| RC4 | 9.0 | 4.7 | 99.0 | 43.3 | 89.7 | 76.0 |
| RS1 | 9.0 | 5.0 | 97.7 | 41.7 | 92.3 | 76.0 |
| TOUGH (NAI-TUE) | 9.0 | 5.0 | 91.7 | 51.7 | 91.7 | 76.0 |
| BANDIT | 8.0 | 4.7 | 95.0 | 45.0 | 91.3 | 75.7 |
| COPIOUS TF | 9.0 | 5.0 | 96.3 | 48.3 | 92.3 | 75.7 |
| DLFPS-321/3706 | 9.0 | 5.3 | 99.0 | 45.0 | 90.7 | 75.7 |
| PST-5DZM | 8.7 | 5.3 | 93.3 | 53.3 | 90.7 | 75.7 |
| GO-RH20 | 8.7 | 5.0 | 96.0 | 53.3 | 90.0 | 75.3 |
| PST-5MINK | 8.7 | 5.7 | 90.0 | 46.7 | 91.0 | 75.3 |
| TITAN GLX (TF445) | 9.0 | 5.3 | 96.3 | 41.7 | 92.3 | 75.3 |
| TRIAD (PPG-TF 323) | 9.0 | 5.0 | 99.0 | 36.7 | 92.0 | 75.3 |
| BIRMINGHAM | 9.0 | 6.0 | 94.7 | 48.3 | 91.0 | 75.0 |
| PPG-TF 262 | 9.0 | 5.0 | 99.0 | 51.7 | 88.7 | 75.0 |
| SE5STAR | 9.0 | 5.3 | 94.7 | 48.3 | 92.7 | 75.0 |
| ESSENTIAL 2 (DLFPS-TF/3552) | 9.0 | 5.7 | 96.3 | 48.3 | 91.3 | 74.7 |
| PST-5E6 | 8.7 | 5.0 | 93.0 | 43.3 | 92.7 | 74.7 |
| BAR 9FE MAS | 8.0 | 4.0 | 75.0 | 28.3 | 92.3 | 74.3 |
| BENTLEY (DLFPS-321/3679) | 9.0 | 5.7 | 95.0 | 50.0 | 90.7 | 74.3 |
| FAIRFIELD (SETF104) | 9.0 | 5.3 | 97.7 | 45.0 | 90.3 | 74.3 |

TABLE 18B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER SUMMER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

| NAME | UNIFORMITY JULY 29 | | FULLNESS OF CANOPY JULY 30 | | PERCENT GREEN COVER JULY 30 | |
|--------------------------------|-----------------------|---------|-------------------------------|---------|--------------------------------|---------|
| | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC |
| K18-NSE | 9.0 | 4.7 | 99.0 | 40.0 | 90.7 | 74.3 |
| MONUMENT (PST-5SQB) | 8.7 | 6.0 | 88.3 | 55.0 | 92.3 | 74.3 |
| PPG-TF 316 | 9.0 | 6.0 | 97.7 | 51.7 | 90.7 | 74.3 |
| AH1 | 9.0 | 4.7 | 99.0 | 40.0 | 92.0 | 74.0 |
| TITANIUM G-LS (PPG-TF 255) | 9.0 | 5.0 | 97.7 | 43.3 | 93.3 | 74.0 |
| DLFPS-TF/3553 | 9.0 | 5.3 | 96.3 | 41.7 | 90.7 | 73.7 |
| BGR-TF3 | 8.7 | 4.7 | 88.3 | 38.3 | 91.0 | 73.3 |
| 3B2 | 8.7 | 4.3 | 96.3 | 45.0 | 91.3 | 73.0 |
| AST8218LM | 8.3 | 4.3 | 85.0 | 36.7 | 90.7 | 73.0 |
| ESTRENA | 9.0 | 6.7 | 97.7 | 61.7 | 91.7 | 73.0 |
| GRAND PRIX (FC15-01P) | 8.0 | 4.3 | 90.0 | 46.7 | 91.3 | 73.0 |
| NAI-FQZ-17 | 9.0 | 4.7 | 96.3 | 51.7 | 90.3 | 73.0 |
| SERENADE (PPG-TF 320) | 9.0 | 5.0 | 99.0 | 45.0 | 91.3 | 73.0 |
| A-TF31 | 8.7 | 5.0 | 93.3 | 48.3 | 91.0 | 72.7 |
| LBF | 8.0 | 4.3 | 90.0 | 36.7 | 90.3 | 72.7 |
| PALOMAR | 7.7 | 4.3 | 86.7 | 36.7 | 91.0 | 72.7 |
| SETFM3 | 8.7 | 4.3 | 93.3 | 31.7 | 91.0 | 72.7 |
| ZION (BAR TF 134) | 9.0 | 5.3 | 99.0 | 45.0 | 92.3 | 72.7 |
| BLADERUNNER 3 (DLFPS-321/3701) | 9.0 | 5.0 | 99.0 | 41.7 | 93.0 | 72.3 |
| DLFPS-321/3695 | 9.0 | 4.0 | 96.3 | 38.3 | 93.3 | 72.0 |
| 5LSS | 9.0 | 5.3 | 97.7 | 43.3 | 93.0 | 71.3 |
| BAR-FA8230 | 8.0 | 3.3 | 81.7 | 31.7 | 91.3 | 71.3 |
| GRO-PRO (SE53D2) | 8.0 | 5.7 | 90.0 | 41.7 | 91.0 | 71.3 |
| BAR FA 8228 | 7.7 | 3.0 | 80.0 | 30.0 | 92.0 | 71.0 |
| COL-TF-148 | 9.0 | 4.7 | 96.0 | 41.7 | 90.3 | 71.0 |
| RAD-TF105 | 9.0 | 4.0 | 95.0 | 36.7 | 90.3 | 71.0 |
| GO-AOMK | 9.0 | 4.7 | 96.3 | 48.3 | 88.7 | 70.7 |
| PST-5GLBS | 8.3 | 5.3 | 93.0 | 46.7 | 94.0 | 70.7 |
| SETFM2 | 8.7 | 4.3 | 91.7 | 36.7 | 91.7 | 70.7 |
| RDC | 9.0 | 5.0 | 97.7 | 40.0 | 90.7 | 70.3 |
| DYNAMITE G-LS (PPG-TF 254) | 9.0 | 4.7 | 99.0 | 43.3 | 91.7 | 70.0 |
| ATF2116 | 8.0 | 3.7 | 83.3 | 36.7 | 92.3 | 69.3 |
| NATURALLY GREEN | 8.3 | 3.7 | 88.3 | 43.3 | 91.3 | 69.3 |
| DLFPS-321/3694 | 9.0 | 4.3 | 97.7 | 41.7 | 92.7 | 68.7 |
| KENTUCKY-31 | 5.3 | 2.0 | 48.3 | 23.3 | 90.0 | 68.7 |
| NAI-ST5 | 9.0 | 3.0 | 96.3 | 31.7 | 90.7 | 68.3 |
| NT-3 | 9.0 | 3.7 | 94.3 | 35.0 | 90.7 | 68.3 |
| RHF | 8.7 | 4.7 | 97.7 | 36.7 | 92.3 | 67.3 |
| GALLARDO (DLFPS-TF/3550) | 9.0 | 5.3 | 97.7 | 50.0 | 89.3 | 66.7 |
| ATF1768 | 8.0 | 3.7 | 90.0 | 31.7 | 91.7 | 66.3 |
| RAD-TF115 (TURBO SS) | 9.0 | 3.3 | 90.0 | 28.3 | 90.0 | 65.7 |
| OG-WALK | 7.7 | 3.0 | 80.0 | 26.7 | 91.0 | 64.0 |
| LSD VALUE | 0.5 | 3.1 | 5.2 | 27.4 | 4.4 | 24.3 |
| C.V. (%) | 3.9 | 24.8 | 3.7 | 26.1 | 1.7 | 8.5 |

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

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

TABLE 18C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

| NAME | PERCENT POA ANNUA OCTOBER 2021 | | UNIFORMITY SEPTEMBER 16 | | FULLNESS OF CANOPY SEPTEMBER 17 | | PERCENT GREEN COVER SEPTEMBER 17 | |
|--------------------------------|-----------------------------------|---------|----------------------------|---------|------------------------------------|---------|-------------------------------------|---------|
| | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC |
| GLX ACED (PST-5DART) | 3.3 | 21.7 | 8.7 | 6.0 | 94.7 | 55.0 | 93.0 | 88.0 |
| RH3 | 1.7 | 20.0 | 9.0 | 6.3 | 96.0 | 63.3 | 90.7 | 85.7 |
| MOONDANCE GLX | 8.3 | 26.7 | 8.3 | 3.7 | 90.0 | 40.0 | 92.0 | 83.3 |
| PST-5TRN | 15.0 | 25.0 | 8.7 | 5.0 | 91.7 | 55.0 | 92.3 | 83.0 |
| COPIOUS TF | 23.3 | 31.7 | 8.3 | 3.7 | 86.3 | 43.3 | 91.7 | 82.7 |
| RACEWAY (DLFPS-321/3696) | 13.3 | 31.7 | 8.7 | 5.3 | 97.7 | 51.7 | 90.7 | 82.7 |
| 3N1 | 5.0 | 26.7 | 9.0 | 4.3 | 97.7 | 53.3 | 92.7 | 81.3 |
| DEGAS (LTP-TF-111) | 11.7 | 46.7 | 8.7 | 4.3 | 97.7 | 41.7 | 93.0 | 81.0 |
| K18-RS6 | 5.0 | 26.7 | 9.0 | 4.7 | 99.0 | 48.3 | 91.3 | 80.7 |
| PPG-TF 231 | 10.0 | 25.0 | 9.0 | 5.3 | 99.0 | 58.3 | 89.3 | 80.7 |
| TD2 | 11.7 | 30.0 | 9.0 | 5.3 | 99.0 | 51.7 | 91.7 | 80.7 |
| PPG-TF 267 | 3.3 | 20.0 | 9.0 | 6.0 | 97.7 | 61.7 | 92.3 | 80.3 |
| ROWDIER (DLFPS-321/3699) | 20.0 | 40.0 | 8.7 | 4.3 | 88.0 | 50.0 | 91.3 | 80.3 |
| PPG-TF 249 | 5.0 | 25.0 | 9.0 | 5.0 | 97.7 | 50.0 | 91.0 | 79.7 |
| PRO GOLD | 8.3 | 25.0 | 8.7 | 5.0 | 94.7 | 48.3 | 92.3 | 79.7 |
| BANDIT | 15.0 | 36.7 | 8.0 | 3.0 | 90.0 | 38.3 | 92.3 | 79.3 |
| NAI-ROS4 | 6.7 | 33.3 | 8.7 | 4.3 | 96.0 | 45.0 | 92.3 | 79.3 |
| PPG-TF 306 | 6.7 | 25.0 | 9.0 | 5.3 | 99.0 | 53.3 | 92.7 | 79.3 |
| RAPTOR III | 10.0 | 31.7 | 9.0 | 5.7 | 96.3 | 51.7 | 92.0 | 79.3 |
| AST8118LM | 5.0 | 23.3 | 8.3 | 4.3 | 94.7 | 51.7 | 91.3 | 78.7 |
| FIRENZA II (PPG-TF 244) | 8.3 | 28.3 | 8.7 | 4.7 | 99.0 | 53.3 | 94.3 | 78.7 |
| RAD-TF131 | 13.3 | 33.3 | 8.0 | 4.7 | 96.3 | 48.3 | 91.7 | 78.7 |
| HEMI | 8.3 | 30.0 | 8.7 | 5.0 | 97.7 | 53.3 | 91.7 | 78.3 |
| K18-WB1 | 13.3 | 25.0 | 9.0 | 4.0 | 99.0 | 46.7 | 92.0 | 78.3 |
| PARAMOUNT | 3.3 | 30.0 | 9.0 | 5.0 | 99.0 | 53.3 | 92.0 | 78.3 |
| PPG-TF 318 | 13.3 | 31.7 | 8.7 | 4.7 | 97.7 | 53.3 | 92.0 | 78.0 |
| PST-5DC24 | 18.3 | 35.0 | 8.0 | 4.7 | 91.7 | 43.3 | 92.0 | 77.7 |
| JT 233 | 6.7 | 25.0 | 9.0 | 4.7 | 97.7 | 51.7 | 91.0 | 77.3 |
| PST-5BYOB | 10.0 | 38.3 | 8.3 | 4.3 | 91.7 | 45.0 | 93.0 | 77.3 |
| TEACHER (PPG-TF 313) | 11.7 | 28.3 | 9.0 | 4.0 | 96.3 | 46.7 | 89.3 | 77.3 |
| DLFPS-321/3708 | 13.3 | 38.3 | 9.0 | 3.7 | 99.0 | 46.7 | 91.0 | 76.7 |
| BULLSEYE | 15.0 | 26.7 | 8.0 | 5.0 | 96.3 | 51.7 | 94.7 | 76.3 |
| HOUND OG NINE (DLFPS-321/3702) | 11.7 | 30.0 | 9.0 | 4.3 | 97.7 | 46.7 | 91.0 | 76.3 |
| PPG-TF 257 | 15.0 | 31.7 | 9.0 | 3.7 | 99.0 | 35.0 | 91.7 | 76.0 |
| TITAN MAX (TF456) | 11.7 | 26.7 | 9.0 | 4.7 | 99.0 | 51.7 | 93.0 | 76.0 |
| BRAVO 2 | 16.7 | 35.0 | 8.3 | 3.3 | 91.7 | 40.0 | 91.0 | 75.7 |
| FIRECRACKER G-LS (PPG-TF 315) | 16.7 | 28.3 | 9.0 | 5.3 | 99.0 | 58.3 | 91.3 | 75.7 |
| BGR-TF3 | 16.7 | 25.0 | 8.0 | 3.7 | 90.0 | 43.3 | 91.0 | 75.3 |
| LBF | 15.0 | 35.0 | 8.3 | 3.3 | 91.7 | 33.3 | 91.0 | 75.3 |
| PPG-TF 312 | 25.0 | 51.7 | 9.0 | 3.3 | 99.0 | 35.0 | 90.3 | 75.3 |
| PPG-TF 337 | 10.0 | 33.3 | 9.0 | 4.7 | 99.0 | 46.7 | 92.0 | 75.3 |
| RS1 | 8.3 | 35.0 | 9.0 | 4.0 | 97.7 | 43.3 | 91.7 | 75.3 |
| TANK (PPG-TF 338) | 5.0 | 28.3 | 9.0 | 5.3 | 99.0 | 51.7 | 89.3 | 75.3 |
| BULLSEYE LTZ | 5.0 | 25.0 | 9.0 | 4.7 | 99.0 | 51.7 | 91.3 | 75.0 |
| DRAGSTER | 21.7 | 51.7 | 9.0 | 3.0 | 99.0 | 30.0 | 92.0 | 75.0 |

TABLE 18C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

| NAME | PERCENT POA ANNUA OCTOBER 2021 | | UNIFORMITY SEPTEMBER 16 | | FULLNESS OF CANOPY SEPTEMBER 17 | | PERCENT GREEN COVER SEPTEMBER 17 | |
|-----------------------------|-----------------------------------|---------|----------------------------|---------|------------------------------------|---------|-------------------------------------|---------|
| | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC |
| GO-RH20 | 3.3 | 30.0 | 8.7 | 4.0 | 99.0 | 43.3 | 89.0 | 75.0 |
| PST-5THM | 13.3 | 28.3 | 8.3 | 4.7 | 91.7 | 46.7 | 91.0 | 75.0 |
| RAPTOR LS (PPG-TF 336) | 11.7 | 28.3 | 9.0 | 4.3 | 99.0 | 48.3 | 93.3 | 75.0 |
| GALACTIC (SESCR1) | 16.7 | 41.7 | 9.0 | 3.7 | 97.7 | 41.7 | 90.0 | 74.7 |
| GRAND PRIX (FC15-01P) | 15.0 | 26.7 | 8.3 | 4.3 | 91.7 | 48.3 | 90.0 | 74.7 |
| TITAN GLX (TF445) | 8.3 | 31.7 | 9.0 | 3.7 | 99.0 | 38.3 | 91.7 | 74.7 |
| DLFPS-321/3703 | 3.3 | 23.3 | 9.0 | 4.0 | 99.0 | 41.7 | 91.7 | 74.3 |
| JT 517 | 16.7 | 36.7 | 8.3 | 3.0 | 90.0 | 36.7 | 91.7 | 74.3 |
| FAIRFIELD (SETF104) | 15.0 | 30.0 | 8.7 | 4.3 | 96.3 | 48.3 | 90.3 | 74.0 |
| KIZZLE (K18-ROE) | 10.0 | 28.3 | 9.0 | 4.0 | 96.0 | 41.7 | 92.3 | 74.0 |
| SPYDER 2LS (ZRC1) | 3.3 | 28.3 | 9.0 | 4.3 | 99.0 | 50.0 | 92.7 | 74.0 |
| A-TF31 | 13.3 | 31.7 | 9.0 | 3.7 | 94.7 | 45.0 | 89.7 | 73.7 |
| PADRE 2 | 11.7 | 28.3 | 9.0 | 4.0 | 96.0 | 46.7 | 93.3 | 73.7 |
| TANGO | 16.7 | 43.3 | 8.7 | 4.0 | 95.0 | 40.0 | 91.3 | 73.3 |
| BIRMINGHAM | 10.0 | 33.3 | 8.7 | 4.3 | 91.7 | 46.7 | 91.3 | 73.0 |
| RHL2 | 6.7 | 23.3 | 9.0 | 4.0 | 99.0 | 45.0 | 92.0 | 73.0 |
| OKEEFE (LTP-TF-122) | 6.7 | 36.7 | 9.0 | 3.0 | 99.0 | 33.3 | 90.3 | 72.7 |
| PPG-TF 316 | 13.3 | 35.0 | 8.7 | 4.0 | 99.0 | 35.0 | 91.3 | 72.3 |
| PST-5GQ | 18.3 | 38.3 | 8.7 | 4.0 | 96.3 | 43.3 | 93.0 | 72.3 |
| TALLADEGA II (NAI-3N2) | 11.7 | 33.3 | 8.7 | 3.3 | 99.0 | 33.3 | 92.3 | 72.3 |
| AH2 | 6.7 | 40.0 | 9.0 | 4.0 | 97.7 | 35.0 | 92.3 | 72.0 |
| AVENGER III (PPG-TF 308) | 13.3 | 35.0 | 9.0 | 3.7 | 99.0 | 43.3 | 91.3 | 72.0 |
| MONUMENT (PST-5SQB) | 5.0 | 23.3 | 9.0 | 4.0 | 93.3 | 35.0 | 93.0 | 71.7 |
| SYMPHONY (PPG-TF 305) | 15.0 | 43.3 | 9.0 | 3.0 | 96.3 | 35.0 | 92.7 | 71.7 |
| PST-5MINK | 16.7 | 46.7 | 8.3 | 3.0 | 95.0 | 31.7 | 90.7 | 71.0 |
| CAPITAN (DLFPS-321/3705) | 16.7 | 40.0 | 8.7 | 3.7 | 97.7 | 38.3 | 93.7 | 70.7 |
| PST-5MCMO | 20.0 | 35.0 | 8.3 | 3.0 | 91.7 | 33.3 | 91.7 | 70.7 |
| RH1 | 5.0 | 30.0 | 9.0 | 3.7 | 97.7 | 43.3 | 93.3 | 70.7 |
| DLFPS-321/3707 | 11.7 | 31.7 | 9.0 | 3.7 | 99.0 | 41.7 | 91.0 | 70.3 |
| ESTRENA | 5.0 | 30.0 | 9.0 | 4.0 | 99.0 | 45.0 | 91.7 | 70.3 |
| GRANDE 3 | 18.3 | 33.3 | 8.7 | 3.3 | 94.7 | 33.3 | 93.0 | 70.3 |
| PST-5DZM | 13.3 | 46.7 | 8.0 | 3.3 | 95.0 | 35.0 | 92.0 | 70.3 |
| SETFM3 | 23.3 | 33.3 | 8.3 | 3.0 | 91.7 | 38.3 | 91.3 | 70.3 |
| STEALTH (PPG-TF 238) | 5.0 | 28.3 | 9.0 | 3.3 | 99.0 | 35.0 | 92.7 | 70.3 |
| FIREHAWK SLT | 15.0 | 45.0 | 9.0 | 3.7 | 99.0 | 38.3 | 94.0 | 70.0 |
| SE5STAR | 15.0 | 36.7 | 8.3 | 3.7 | 95.0 | 35.0 | 93.7 | 70.0 |
| AST8218LM | 15.0 | 33.3 | 8.0 | 3.7 | 90.0 | 40.0 | 90.3 | 69.7 |
| BY-TF-169 | 21.7 | 43.3 | 9.0 | 3.7 | 97.7 | 38.3 | 91.7 | 69.7 |
| ESCALADE | 16.7 | 28.3 | 7.7 | 3.7 | 86.7 | 40.0 | 91.0 | 69.7 |
| ESSENTIAL 2 (DLFPS-TF/3552) | 8.3 | 26.7 | 9.0 | 4.0 | 97.7 | 43.3 | 92.3 | 69.7 |
| PALOMAR | 16.7 | 33.3 | 7.3 | 3.3 | 86.7 | 40.0 | 90.3 | 69.7 |
| 3B2 | 8.3 | 25.0 | 8.7 | 4.0 | 96.3 | 40.0 | 89.7 | 69.3 |
| RDC | 6.7 | 25.0 | 9.0 | 3.7 | 99.0 | 40.0 | 91.3 | 69.3 |
| FAYETTE | 5.0 | 25.0 | 9.0 | 3.7 | 96.3 | 38.3 | 91.3 | 69.0 |
| BONFIRE (JS DTT) | 6.7 | 41.7 | 8.7 | 3.0 | 96.3 | 35.0 | 91.7 | 68.0 |

TABLE 18C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER FALL TRAFFIC STRESS AT NORTH BRUNSWICK, NJ 1/
2021 DATA

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

| NAME | PERCENT POA ANNUA OCTOBER 2021 | | UNIFORMITY SEPTEMBER 16 | | FULLNESS OF CANOPY SEPTEMBER 17 | | PERCENT GREEN COVER SEPTEMBER 17 | |
|--------------------------------|-----------------------------------|---------|----------------------------|---------|------------------------------------|---------|-------------------------------------|---------|
| | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC |
| LIFEGUARD | 6.7 | 28.3 | 8.7 | 3.7 | 94.7 | 36.7 | 93.3 | 68.0 |
| PST-5E6 | 13.3 | 36.7 | 8.7 | 4.0 | 96.3 | 36.7 | 94.0 | 68.0 |
| AH1 | 8.3 | 36.7 | 9.0 | 2.7 | 97.7 | 30.0 | 93.3 | 67.7 |
| GO-AOMK | 11.7 | 35.0 | 9.0 | 3.3 | 99.0 | 36.7 | 87.7 | 67.7 |
| GRO-PRO (SE53D2) | 21.7 | 36.7 | 8.0 | 3.7 | 93.3 | 36.7 | 91.0 | 67.7 |
| PST-5GLBS | 10.0 | 38.3 | 8.3 | 3.0 | 91.7 | 33.3 | 93.3 | 67.7 |
| BENTLEY (DLFPS-321/3679) | 8.3 | 40.0 | 8.7 | 3.3 | 96.0 | 35.0 | 90.3 | 67.3 |
| XANADU (JT 268) | 10.0 | 35.0 | 8.7 | 3.0 | 99.0 | 36.7 | 91.7 | 67.3 |
| BAR-FA8230 | 33.3 | 41.7 | 7.3 | 2.7 | 83.3 | 33.3 | 91.0 | 67.0 |
| 5LSS | 8.3 | 28.3 | 9.0 | 3.3 | 99.0 | 38.3 | 93.3 | 66.7 |
| DLFPS-TF/3553 | 10.0 | 35.0 | 9.0 | 3.0 | 97.7 | 35.0 | 90.7 | 66.7 |
| RC4 | 5.0 | 40.0 | 9.0 | 3.3 | 99.0 | 38.3 | 90.0 | 66.7 |
| TITANIUM G-LS (PPG-TF 255) | 13.3 | 28.3 | 9.0 | 3.0 | 97.7 | 33.3 | 92.7 | 66.7 |
| PPG-TF 262 | 11.7 | 36.7 | 9.0 | 3.0 | 99.0 | 33.3 | 90.3 | 66.3 |
| TRIAD (PPG-TF 323) | 16.7 | 38.3 | 8.7 | 3.3 | 99.0 | 41.7 | 90.7 | 66.3 |
| ZION (BAR TF 134) | 15.0 | 50.0 | 8.7 | 2.7 | 96.3 | 25.0 | 93.3 | 66.3 |
| SETFM2 | 16.7 | 31.7 | 8.3 | 3.3 | 96.3 | 38.3 | 91.7 | 66.0 |
| SR 8700 (TMT1) | 18.3 | 36.7 | 9.0 | 3.0 | 97.7 | 31.7 | 92.0 | 66.0 |
| DLFPS-321/3706 | 16.7 | 38.3 | 8.7 | 3.0 | 97.7 | 28.3 | 90.7 | 65.3 |
| GALLARDO (DLFPS-TF/3550) | 3.3 | 18.3 | 9.0 | 4.0 | 99.0 | 38.3 | 89.0 | 65.3 |
| NATURALLY GREEN | 13.3 | 26.7 | 8.0 | 3.0 | 90.0 | 35.0 | 90.7 | 65.0 |
| BAR 9FE MAS | 35.0 | 56.7 | 7.3 | 2.3 | 73.3 | 25.0 | 91.0 | 64.7 |
| DLFPS-321/3693 | 5.0 | 31.7 | 9.0 | 3.3 | 97.7 | 35.0 | 90.7 | 63.3 |
| DLFPS-321/3695 | 15.0 | 36.7 | 9.0 | 3.3 | 97.7 | 33.3 | 93.0 | 63.0 |
| K18-NSE | 21.7 | 45.0 | 9.0 | 3.3 | 97.7 | 33.3 | 91.3 | 63.0 |
| COL-TF-148 | 15.0 | 31.7 | 9.0 | 3.0 | 97.7 | 31.7 | 90.3 | 62.0 |
| BLADERUNNER 3 (DLFPS-321/3701) | 11.7 | 26.7 | 9.0 | 3.3 | 99.0 | 28.3 | 93.0 | 61.3 |
| NAI-FQZ-17 | 28.3 | 43.3 | 8.0 | 3.0 | 86.3 | 35.0 | 90.7 | 61.3 |
| ATF2116 | 20.0 | 36.7 | 7.7 | 2.7 | 86.7 | 28.3 | 92.7 | 61.0 |
| DLFPS-321/3694 | 8.3 | 36.7 | 9.0 | 2.3 | 99.0 | 26.7 | 92.7 | 61.0 |
| NT-3 | 8.3 | 28.3 | 9.0 | 2.7 | 97.7 | 30.0 | 91.0 | 60.7 |
| RAD-TF105 | 16.7 | 35.0 | 8.7 | 3.3 | 95.0 | 36.7 | 91.0 | 60.7 |
| ATF1768 | 16.7 | 25.0 | 7.7 | 3.3 | 90.0 | 31.7 | 90.0 | 60.3 |
| RAD-TF115 (TURBO SS) | 20.0 | 35.0 | 8.7 | 2.7 | 94.7 | 28.3 | 87.7 | 59.0 |
| SERENADE (PPG-TF 320) | 6.7 | 26.7 | 8.7 | 3.0 | 97.7 | 36.7 | 92.0 | 59.0 |
| BAR FA 8228 | 25.0 | 31.7 | 7.3 | 3.0 | 88.3 | 31.7 | 91.3 | 58.0 |
| RHF | 10.0 | 41.7 | 9.0 | 2.7 | 97.7 | 36.7 | 92.3 | 57.0 |
| DYNAMITE G-LS (PPG-TF 254) | 18.3 | 40.0 | 9.0 | 2.7 | 97.7 | 33.3 | 92.3 | 56.7 |
| OG-WALK | 20.0 | 35.0 | 7.0 | 2.0 | 86.7 | 30.0 | 90.3 | 54.0 |
| TOUGH (NAI-TUE) | 23.3 | 41.7 | 8.3 | 2.7 | 88.0 | 33.3 | 92.3 | 54.0 |
| KENTUCKY-31 | 58.3 | 71.7 | 4.7 | 1.3 | 45.0 | 15.0 | 89.0 | 53.0 |
| NAI-ST5 | 20.0 | 50.0 | 8.7 | 1.7 | 97.7 | 23.3 | 91.0 | 53.0 |
| LSD VALUE | 15.9 | 27.3 | 0.7 | 4.1 | 6.5 | 36.3 | 3.5 | 53.4 |
| C.V. (%) | 64.9 | 33.2 | 5.2 | 35.6 | 4.4 | 31.3 | 1.8 | 17.1 |

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 19.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2021 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | | | MEAN |
|-------------------------------|------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| PPG-TF 257 | 6.0 | 6.3 | 4.3 | 4.7 | 6.3 | 6.0 | 6.0 | 6.3 | 6.3 | 6.0 | 6.0 | 7.3 | 7.0 | 6.0 |
| DLFPS-321/3708 | 6.3 | 6.7 | 4.3 | 4.7 | 6.0 | 6.7 | 6.0 | 7.0 | 6.7 | 4.7 | 5.3 | 7.0 | 6.7 | 5.9 |
| FIRENZA II (PPG-TF 244) | 6.0 | 6.0 | 4.7 | 5.0 | 6.3 | 5.3 | 5.7 | 6.7 | 6.7 | 5.3 | 5.7 | 7.0 | 6.3 | 5.9 |
| AH1 | 6.0 | 6.3 | 4.0 | 4.3 | 6.3 | 5.7 | 5.7 | 6.7 | 6.3 | 5.0 | 5.7 | 7.3 | 6.3 | 5.8 |
| BY-TF-169 | 6.0 | 6.3 | 4.3 | 5.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.3 | 4.3 | 5.7 | 7.0 | 6.7 | 5.8 |
| DLFPS-321/3699 | 6.3 | 6.7 | 4.3 | 4.3 | 6.0 | 6.0 | 6.0 | 6.7 | 6.3 | 5.3 | 6.0 | 7.0 | 6.3 | 5.8 |
| DLFPS-321/3702 | 6.0 | 6.7 | 4.7 | 4.7 | 6.0 | 5.7 | 6.0 | 6.7 | 6.3 | 5.0 | 5.7 | 6.7 | 6.7 | 5.8 |
| DLFPS-TF/3550 | 6.3 | 6.0 | 4.7 | 4.3 | 6.3 | 6.0 | 5.7 | 6.3 | 6.0 | 5.3 | 6.0 | 7.0 | 6.3 | 5.8 |
| DYNAMITE G-LS (PPG-TF 254) | 6.0 | 6.3 | 4.7 | 4.3 | 5.7 | 5.3 | 5.3 | 6.3 | 6.0 | 5.7 | 6.0 | 7.0 | 7.0 | 5.8 |
| GALACTIC (SESCR1) | 6.0 | 6.3 | 4.7 | 4.7 | 6.3 | 5.7 | 5.3 | 6.3 | 6.7 | 5.3 | 6.0 | 6.0 | 6.3 | 5.8 |
| KIZZLE (K18-ROE) | 6.0 | 6.0 | 5.3 | 5.0 | 6.3 | 5.3 | 5.0 | 6.0 | 6.3 | 5.7 | 6.0 | 6.7 | 6.3 | 5.8 |
| OKEEFE (LTP-TF-122) | 5.7 | 6.0 | 4.3 | 4.7 | 6.7 | 6.0 | 6.0 | 6.7 | 6.7 | 4.7 | 5.3 | 7.0 | 6.3 | 5.8 |
| 3B2 | 6.0 | 6.0 | 4.3 | 4.7 | 6.3 | 5.3 | 5.3 | 6.3 | 6.0 | 5.3 | 6.3 | 6.7 | 6.3 | 5.7 |
| AVENGER III (PPG-TF 308) | 6.0 | 6.0 | 4.3 | 4.3 | 6.0 | 5.3 | 5.0 | 6.0 | 6.3 | 5.7 | 6.0 | 7.0 | 6.3 | 5.7 |
| BONFIRE (JS DTT) | 6.0 | 6.0 | 4.7 | 4.3 | 6.0 | 6.0 | 5.7 | 6.7 | 6.3 | 4.7 | 5.3 | 6.3 | 6.3 | 5.7 |
| DLFPS-321/3695 | 6.0 | 6.3 | 4.7 | 4.7 | 6.7 | 5.7 | 5.7 | 6.3 | 6.3 | 4.3 | 5.0 | 7.0 | 6.7 | 5.7 |
| DLFPS-321/3706 | 6.0 | 6.3 | 4.0 | 4.3 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 4.7 | 5.3 | 6.7 | 6.0 | 5.7 |
| FAYETTE | 6.0 | 6.0 | 4.3 | 5.0 | 6.0 | 5.3 | 5.0 | 6.0 | 6.7 | 6.0 | 5.7 | 6.3 | 6.3 | 5.7 |
| FIRECRACKER G-LS (PPG-TF 315) | 6.0 | 7.0 | 4.3 | 4.0 | 6.0 | 5.7 | 6.0 | 6.7 | 6.3 | 4.7 | 5.0 | 7.0 | 7.0 | 5.7 |
| MOONDANCE GLX | 6.0 | 6.0 | 4.7 | 4.3 | 6.3 | 5.0 | 5.3 | 6.0 | 6.3 | 6.0 | 6.0 | 6.7 | 6.0 | 5.7 |
| PPG-TF 249 | 6.0 | 6.0 | 4.0 | 4.3 | 6.0 | 6.0 | 5.3 | 6.0 | 6.3 | 5.3 | 5.7 | 7.0 | 6.3 | 5.7 |
| PPG-TF 318 | 6.0 | 6.3 | 4.3 | 4.3 | 5.7 | 6.0 | 5.3 | 6.3 | 6.0 | 5.3 | 6.3 | 7.0 | 6.0 | 5.7 |
| PST-5TRN | 6.0 | 6.0 | 4.0 | 4.3 | 6.3 | 5.7 | 5.3 | 7.0 | 6.3 | 5.7 | 5.7 | 6.7 | 6.0 | 5.7 |
| TITANIUM G-LS (PPG-TF 255) | 6.0 | 6.3 | 4.3 | 4.3 | 6.0 | 6.0 | 5.3 | 6.3 | 6.3 | 5.0 | 5.7 | 6.3 | 6.7 | 5.7 |
| AH2 | 6.0 | 6.0 | 4.0 | 4.3 | 5.7 | 5.3 | 5.3 | 6.7 | 6.0 | 5.3 | 5.7 | 6.7 | 6.3 | 5.6 |
| BANDIT | 6.0 | 5.7 | 4.3 | 4.0 | 6.3 | 5.3 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 6.3 | 6.3 | 5.6 |
| DLFPS-321/3679 | 6.0 | 6.0 | 4.3 | 4.3 | 6.0 | 5.3 | 5.7 | 5.3 | 6.0 | 5.7 | 6.0 | 7.0 | 6.3 | 5.6 |
| DLFPS-321/3693 | 6.0 | 6.7 | 4.0 | 4.0 | 5.7 | 5.3 | 5.7 | 7.0 | 6.7 | 4.7 | 5.3 | 6.7 | 6.7 | 5.6 |
| DLFPS-321/3701 | 6.0 | 6.3 | 4.3 | 4.0 | 6.0 | 5.7 | 5.3 | 5.7 | 6.3 | 5.3 | 5.3 | 7.3 | 6.3 | 5.6 |
| DLFPS-TF/3552 | 6.0 | 6.3 | 4.0 | 5.0 | 6.3 | 5.7 | 5.3 | 6.0 | 5.7 | 4.7 | 6.0 | 7.0 | 6.0 | 5.6 |
| DLFPS-TF/3553 | 6.0 | 6.3 | 4.3 | 4.3 | 6.0 | 5.7 | 5.7 | 6.7 | 6.7 | 4.3 | 5.3 | 6.7 | 6.3 | 5.6 |
| DRAGSTER | 6.0 | 6.3 | 4.7 | 5.0 | 6.0 | 5.3 | 5.0 | 5.0 | 5.7 | 6.3 | 5.7 | 6.7 | 6.3 | 5.6 |
| GO-RH20 | 6.0 | 5.7 | 4.3 | 4.7 | 6.0 | 5.3 | 4.7 | 6.3 | 6.3 | 5.0 | 5.7 | 6.7 | 6.3 | 5.6 |
| PPG-TF 231 | 6.0 | 6.3 | 4.7 | 3.7 | 5.7 | 5.7 | 5.3 | 6.0 | 6.3 | 5.0 | 5.7 | 7.0 | 6.7 | 5.6 |
| PPG-TF 267 | 6.0 | 6.7 | 4.3 | 4.3 | 5.0 | 5.3 | 6.0 | 6.3 | 6.0 | 5.0 | 6.3 | 6.7 | 6.7 | 5.6 |
| PPG-TF 316 | 6.3 | 6.0 | 4.3 | 4.3 | 5.7 | 6.3 | 5.3 | 6.7 | 6.3 | 4.3 | 5.0 | 7.0 | 6.0 | 5.6 |
| RH3 | 5.7 | 6.3 | 4.3 | 4.7 | 6.0 | 5.3 | 5.7 | 6.7 | 6.3 | 4.7 | 5.7 | 6.7 | 6.0 | 5.6 |
| SERENADE (PPG-TF 320) | 6.0 | 6.3 | 4.0 | 4.7 | 6.0 | 5.7 | 5.7 | 6.3 | 6.0 | 5.0 | 5.3 | 6.7 | 6.3 | 5.6 |
| TALLADEGA II (NAI-3N2) | 6.0 | 6.0 | 4.0 | 4.3 | 6.0 | 5.0 | 5.7 | 6.3 | 6.3 | 5.0 | 5.3 | 7.0 | 6.3 | 5.6 |
| TD2 | 6.0 | 6.7 | 3.3 | 4.7 | 6.0 | 5.3 | 5.7 | 6.3 | 6.0 | 5.3 | 5.7 | 7.0 | 6.3 | 5.6 |
| XANADU (JT 268) | 6.3 | 6.0 | 4.0 | 4.3 | 6.0 | 6.0 | 5.3 | 6.3 | 6.3 | 5.3 | 5.7 | 6.3 | 6.0 | 5.6 |
| DLFPS-321/3696 | 6.3 | 6.0 | 4.3 | 4.3 | 5.3 | 5.3 | 5.3 | 7.0 | 6.3 | 4.7 | 5.7 | 6.3 | 6.3 | 5.5 |
| DLFPS-321/3705 | 6.0 | 6.0 | 4.0 | 4.3 | 6.0 | 5.7 | 5.0 | 6.0 | 6.3 | 4.7 | 5.0 | 6.7 | 6.3 | 5.5 |
| GLX ACED (PST-5DART) | 6.0 | 6.0 | 4.7 | 4.0 | 6.0 | 5.7 | 5.3 | 5.0 | 6.3 | 5.3 | 5.7 | 7.0 | 6.0 | 5.5 |

TABLE 19.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2021 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | | MEAN | |
|----------------------|------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | | NOV |
| LIFEGUARD | 6.0 | 6.0 | 4.7 | 4.3 | 6.0 | 5.0 | 5.3 | 6.0 | 6.0 | 4.7 | 5.3 | 6.7 | 6.0 | 5.5 |
| NAI-ST5 | 6.0 | 6.0 | 4.3 | 4.3 | 5.7 | 5.3 | 5.3 | 6.3 | 5.7 | 5.0 | 5.3 | 6.7 | 6.0 | 5.5 |
| PADRE 2 | 6.0 | 6.0 | 4.0 | 4.0 | 6.0 | 4.7 | 5.7 | 6.3 | 6.0 | 5.0 | 5.7 | 7.0 | 6.3 | 5.5 |
| PPG-TF 262 | 6.0 | 6.3 | 4.7 | 4.0 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 5.0 | 5.3 | 6.7 | 6.3 | 5.5 |
| PPG-TF 337 | 6.0 | 6.3 | 4.7 | 4.0 | 5.7 | 5.0 | 5.3 | 6.3 | 6.0 | 4.7 | 5.7 | 7.0 | 6.3 | 5.5 |
| PST-5BYOB | 6.0 | 5.3 | 4.3 | 4.0 | 6.3 | 5.0 | 5.3 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 5.7 | 5.5 |
| PST-5GLBS | 6.0 | 5.3 | 4.3 | 4.0 | 6.0 | 5.3 | 5.0 | 6.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.0 | 5.5 |
| PST-5MCMO | 5.7 | 6.3 | 4.0 | 4.7 | 6.0 | 5.0 | 5.0 | 6.0 | 6.0 | 4.7 | 5.7 | 6.7 | 6.3 | 5.5 |
| PST-5THM | 6.0 | 6.0 | 4.7 | 4.0 | 5.7 | 4.7 | 5.3 | 6.0 | 6.0 | 5.3 | 6.0 | 6.7 | 6.0 | 5.5 |
| RC4 | 6.0 | 6.3 | 4.3 | 3.7 | 5.3 | 6.0 | 6.0 | 6.3 | 6.0 | 4.3 | 5.0 | 6.7 | 6.7 | 5.5 |
| RDC | 6.0 | 6.3 | 4.0 | 4.3 | 6.0 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 | 5.7 | 7.0 | 6.0 | 5.5 |
| RS1 | 6.0 | 6.0 | 4.3 | 4.3 | 6.0 | 5.3 | 5.7 | 6.3 | 6.3 | 4.7 | 5.0 | 6.7 | 6.3 | 5.5 |
| STEALTH (PPG-TF 238) | 6.0 | 6.7 | 4.3 | 4.3 | 5.0 | 5.3 | 5.7 | 6.3 | 6.3 | 5.7 | 5.7 | 6.3 | 5.7 | 5.5 |
| TITAN GLX (TF445) | 6.3 | 6.7 | 4.0 | 4.0 | 5.7 | 5.3 | 5.7 | 6.0 | 6.3 | 5.3 | 5.7 | 6.3 | 6.3 | 5.5 |
| TMT1 | 6.0 | 6.0 | 4.0 | 3.7 | 5.3 | 5.7 | 6.0 | 6.7 | 6.3 | 4.3 | 5.0 | 6.7 | 6.7 | 5.5 |
| ZION (BAR TF 134) | 6.0 | 6.7 | 4.3 | 4.7 | 6.3 | 5.7 | 5.3 | 6.3 | 6.0 | 4.7 | 5.3 | 6.3 | 6.0 | 5.5 |
| 3N1 | 6.0 | 6.0 | 4.3 | 3.7 | 5.7 | 5.3 | 5.7 | 6.0 | 5.7 | 5.0 | 5.3 | 6.7 | 6.0 | 5.4 |
| BULLSEYE | 6.0 | 6.0 | 4.0 | 4.0 | 5.7 | 5.0 | 5.3 | 6.0 | 6.3 | 5.0 | 5.3 | 6.3 | 6.0 | 5.4 |
| DEGAS (LTP-TF-111) | 5.7 | 6.0 | 4.3 | 4.3 | 6.0 | 5.3 | 5.3 | 6.3 | 6.0 | 4.3 | 5.0 | 6.3 | 6.0 | 5.4 |
| ESCALADE | 6.0 | 5.3 | 4.3 | 4.0 | 5.7 | 4.7 | 4.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 5.4 |
| PARAMOUNT | 6.0 | 6.0 | 4.0 | 4.7 | 6.0 | 5.7 | 5.0 | 6.0 | 5.7 | 4.7 | 5.3 | 6.7 | 6.0 | 5.4 |
| RH1 | 6.0 | 6.0 | 4.0 | 4.0 | 5.3 | 5.3 | 5.3 | 6.3 | 5.7 | 5.3 | 5.3 | 7.0 | 6.0 | 5.4 |
| SETFM2 | 6.3 | 6.0 | 3.7 | 3.7 | 5.3 | 5.7 | 5.3 | 6.0 | 5.7 | 5.3 | 5.7 | 6.7 | 6.0 | 5.4 |
| TANK (PPG-TF 338) | 5.7 | 6.3 | 3.7 | 4.7 | 5.0 | 5.3 | 5.3 | 6.7 | 5.0 | 4.3 | 5.7 | 7.3 | 6.3 | 5.4 |
| TITAN MAX (TF456) | 5.7 | 6.0 | 4.3 | 4.3 | 6.0 | 5.3 | 5.7 | 6.3 | 5.7 | 4.3 | 5.3 | 6.3 | 5.7 | 5.4 |
| TRIAD (PPG-TF 323) | 6.0 | 6.7 | 4.3 | 4.0 | 5.3 | 5.7 | 5.7 | 6.7 | 6.3 | 4.7 | 5.0 | 6.0 | 6.0 | 5.4 |
| AST8118LM | 7.0 | 5.7 | 4.0 | 3.7 | 5.3 | 5.7 | 5.7 | 6.0 | 5.3 | 5.0 | 5.0 | 6.7 | 5.7 | 5.3 |
| ATF2116 | 6.0 | 6.0 | 4.3 | 4.0 | 5.3 | 5.7 | 4.7 | 5.7 | 5.3 | 5.0 | 5.7 | 6.3 | 6.3 | 5.3 |
| COL-TF-148 | 5.7 | 6.3 | 4.0 | 4.0 | 5.3 | 5.3 | 5.0 | 6.0 | 6.3 | 5.0 | 5.0 | 6.7 | 5.7 | 5.3 |
| DLFPS-321/3707 | 6.0 | 6.0 | 3.7 | 4.3 | 5.3 | 5.3 | 5.3 | 6.0 | 6.0 | 4.3 | 5.0 | 6.3 | 6.3 | 5.3 |
| ESTRENA | 5.7 | 6.0 | 4.0 | 4.0 | 5.7 | 5.0 | 5.3 | 6.3 | 5.7 | 4.7 | 5.3 | 6.3 | 6.0 | 5.3 |
| GO-AOMK | 6.3 | 6.3 | 3.7 | 3.3 | 4.0 | 5.7 | 5.7 | 6.3 | 6.0 | 5.0 | 5.3 | 6.7 | 6.3 | 5.3 |
| GRANDE 3 | 6.0 | 6.0 | 4.3 | 4.0 | 5.7 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 5.0 | 6.3 | 6.0 | 5.3 |
| JT 517 | 6.0 | 6.0 | 4.0 | 3.7 | 5.7 | 5.3 | 5.3 | 5.7 | 6.0 | 5.0 | 5.3 | 6.3 | 6.0 | 5.3 |
| K18-WB1 | 6.0 | 6.7 | 4.0 | 4.0 | 6.0 | 5.3 | 5.0 | 6.0 | 6.3 | 4.0 | 4.7 | 6.7 | 6.7 | 5.3 |
| MONUMENT (PST-5SQB) | 6.0 | 5.7 | 4.0 | 4.3 | 6.0 | 5.0 | 5.0 | 5.7 | 6.0 | 4.3 | 5.7 | 6.0 | 6.0 | 5.3 |
| NAI-ROS4 | 6.0 | 6.3 | 3.7 | 4.3 | 5.3 | 5.3 | 5.3 | 6.0 | 5.7 | 5.0 | 5.3 | 6.3 | 6.0 | 5.3 |
| PPG-TF 306 | 6.0 | 6.0 | 3.7 | 4.0 | 5.3 | 5.3 | 5.0 | 6.0 | 6.0 | 4.7 | 6.0 | 6.7 | 5.7 | 5.3 |
| PST-5GQ | 6.0 | 6.0 | 4.3 | 4.0 | 5.7 | 5.0 | 5.0 | 6.0 | 6.0 | 4.7 | 5.0 | 6.7 | 6.0 | 5.3 |
| RHF | 5.7 | 6.7 | 3.7 | 4.0 | 5.3 | 5.3 | 5.3 | 6.3 | 6.0 | 4.7 | 5.0 | 6.7 | 6.3 | 5.3 |
| SPYDER 2LS (ZRC1) | 6.3 | 6.3 | 4.3 | 4.3 | 5.3 | 4.7 | 4.7 | 6.0 | 6.0 | 4.7 | 5.7 | 7.0 | 6.0 | 5.3 |
| TOUGH (NAI-TUE) | 6.0 | 6.0 | 4.3 | 3.7 | 5.0 | 5.7 | 5.3 | 5.7 | 6.0 | 5.3 | 5.0 | 6.3 | 6.0 | 5.3 |
| BAR-FA8230 | 6.0 | 5.0 | 4.3 | 4.0 | 5.7 | 4.7 | 5.0 | 5.0 | 5.7 | 5.0 | 5.3 | 6.0 | 6.0 | 5.2 |
| BGR-TF3 | 6.3 | 5.7 | 3.7 | 3.7 | 5.7 | 5.3 | 5.3 | 5.3 | 6.0 | 5.0 | 5.3 | 6.3 | 5.3 | 5.2 |
| BRAVO 2 | 6.0 | 6.0 | 4.3 | 4.0 | 5.0 | 5.0 | 5.3 | 6.0 | 5.3 | 5.3 | 5.7 | 6.0 | 5.7 | 5.2 |

TABLE 19.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2021 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | | | MEAN |
|------------------------|------------------|-----------------|-----------------|------|------|------|------|-----|------|------|------|-----|-----|------|
| | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| BULLSEYE LTZ | 6.0 | 6.0 | 4.0 | 4.0 | 5.7 | 5.7 | 5.7 | 6.3 | 5.7 | 4.0 | 5.0 | 6.3 | 5.3 | 5.2 |
| DLFPS-321/3703 | 6.0 | 6.0 | 4.0 | 4.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.7 | 4.3 | 5.3 | 6.7 | 6.0 | 5.2 |
| FAIRFIELD (SETF104) | 6.0 | 6.0 | 4.0 | 4.0 | 5.7 | 4.7 | 5.0 | 6.0 | 5.3 | 4.3 | 5.3 | 6.7 | 6.0 | 5.2 |
| FIREHAWK SLT | 6.0 | 6.0 | 3.7 | 4.0 | 4.7 | 5.0 | 5.0 | 6.0 | 5.7 | 5.0 | 5.3 | 6.7 | 6.0 | 5.2 |
| GRO-PRO (SE53D2) | 5.7 | 6.0 | 4.3 | 3.7 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.0 | 5.7 | 6.7 | 6.0 | 5.2 |
| HEMI | 6.0 | 6.0 | 4.0 | 3.7 | 5.7 | 5.0 | 5.0 | 5.7 | 5.7 | 5.0 | 5.3 | 7.0 | 5.7 | 5.2 |
| JT 233 | 6.0 | 6.3 | 3.7 | 3.7 | 5.0 | 5.3 | 5.7 | 6.7 | 6.0 | 4.0 | 5.0 | 6.3 | 6.3 | 5.2 |
| K18-RS6 | 6.0 | 6.3 | 3.7 | 3.3 | 5.0 | 5.0 | 5.3 | 6.3 | 6.3 | 4.7 | 5.0 | 6.7 | 6.3 | 5.2 |
| LBF | 6.7 | 5.7 | 4.0 | 3.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 4.7 | 5.3 | 6.0 | 6.0 | 5.2 |
| PRO GOLD | 6.0 | 6.0 | 4.0 | 4.0 | 5.7 | 4.7 | 5.0 | 6.0 | 5.7 | 5.0 | 5.3 | 6.0 | 5.7 | 5.2 |
| PST-5DC24 | 6.3 | 5.3 | 4.0 | 4.0 | 4.0 | 5.0 | 5.3 | 6.0 | 5.7 | 5.0 | 5.7 | 6.0 | 6.0 | 5.2 |
| PST-5DZM | 6.0 | 5.7 | 4.0 | 4.0 | 5.0 | 5.7 | 5.3 | 6.0 | 5.7 | 4.7 | 5.0 | 6.3 | 6.0 | 5.2 |
| PST-5E6 | 5.7 | 5.7 | 4.0 | 4.0 | 5.7 | 4.7 | 5.0 | 6.0 | 6.0 | 4.7 | 5.0 | 6.0 | 5.7 | 5.2 |
| PST-5MINK | 6.3 | 5.0 | 3.7 | 3.7 | 5.0 | 5.0 | 5.3 | 5.7 | 5.7 | 5.3 | 5.3 | 6.0 | 6.0 | 5.2 |
| RAPTOR III | 6.0 | 6.0 | 4.3 | 4.0 | 4.7 | 5.3 | 5.0 | 6.0 | 6.0 | 4.3 | 5.0 | 6.7 | 6.0 | 5.2 |
| RAPTOR LS (PPG-TF 336) | 5.7 | 6.3 | 3.7 | 4.0 | 5.0 | 4.7 | 5.3 | 6.3 | 5.7 | 5.0 | 4.7 | 7.0 | 6.0 | 5.2 |
| RHL2 | 5.7 | 6.3 | 3.3 | 4.0 | 4.3 | 5.0 | 5.0 | 5.7 | 6.0 | 5.0 | 5.3 | 6.7 | 6.3 | 5.2 |
| TANGO | 6.0 | 5.7 | 4.3 | 3.7 | 5.0 | 5.0 | 5.3 | 5.7 | 5.3 | 5.0 | 5.3 | 6.0 | 6.0 | 5.2 |
| TEACHER (PPG-TF 313) | 6.0 | 6.7 | 3.3 | 3.7 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.0 | 5.7 | 7.0 | 5.7 | 5.2 |
| 5LSS | 6.0 | 6.0 | 3.3 | 4.0 | 5.7 | 5.0 | 5.3 | 6.3 | 5.7 | 4.0 | 4.7 | 6.0 | 5.7 | 5.1 |
| A-TF31 | 6.3 | 6.0 | 4.0 | 3.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 4.3 | 5.0 | 7.0 | 5.7 | 5.1 |
| AST8218LM | 7.0 | 5.3 | 3.7 | 3.7 | 5.0 | 5.0 | 5.0 | 6.3 | 5.3 | 5.7 | 5.3 | 6.0 | 5.3 | 5.1 |
| BIRMINGHAM | 6.0 | 5.3 | 4.3 | 4.0 | 5.0 | 5.3 | 4.7 | 5.7 | 5.3 | 4.3 | 5.3 | 6.3 | 6.0 | 5.1 |
| COPIOUS TF | 6.0 | 6.0 | 3.7 | 3.3 | 5.0 | 4.7 | 5.3 | 5.7 | 6.0 | 5.3 | 5.0 | 6.0 | 6.3 | 5.1 |
| NAI-FQZ-17 | 6.0 | 5.7 | 4.3 | 3.7 | 5.0 | 5.0 | 5.0 | 5.7 | 5.0 | 5.0 | 5.3 | 6.3 | 6.0 | 5.1 |
| NT-3 | 6.3 | 6.0 | 3.3 | 3.3 | 4.7 | 5.0 | 5.0 | 6.0 | 6.0 | 4.7 | 5.0 | 6.7 | 6.3 | 5.1 |
| SE5STAR | 5.7 | 5.7 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.3 | 5.7 | 5.7 | 5.0 | 6.3 | 5.3 | 5.1 |
| SETFM3 | 6.3 | 6.0 | 3.7 | 3.3 | 5.3 | 5.3 | 5.3 | 6.0 | 5.3 | 4.0 | 5.0 | 6.3 | 6.3 | 5.1 |
| ATF1768 | 6.0 | 5.7 | 4.0 | 3.3 | 5.0 | 5.0 | 5.0 | 5.7 | 5.3 | 5.0 | 5.3 | 6.0 | 5.3 | 5.0 |
| DLFPS-321/3694 | 6.0 | 6.0 | 4.0 | 3.7 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 3.7 | 4.7 | 6.0 | 6.0 | 5.0 |
| K18-NSE | 6.0 | 6.7 | 4.0 | 4.0 | 6.0 | 5.3 | 5.0 | 6.0 | 6.0 | 3.3 | 4.3 | 6.0 | 5.3 | 5.0 |
| NATURALLY GREEN | 6.0 | 5.7 | 3.7 | 3.0 | 5.0 | 5.0 | 4.7 | 5.7 | 5.7 | 5.3 | 5.3 | 6.3 | 5.7 | 5.0 |
| RAD-TF105 | 6.3 | 6.0 | 3.7 | 3.7 | 5.0 | 4.7 | 5.0 | 5.7 | 5.3 | 5.3 | 5.0 | 6.0 | 5.7 | 5.0 |
| GRAND PRIX (FC15-01P) | 6.3 | 5.0 | 4.0 | 4.0 | 5.0 | 4.3 | 4.3 | 5.0 | 5.0 | 5.0 | 5.3 | 6.0 | 6.0 | 4.9 |
| PALOMAR | 6.0 | 5.0 | 4.3 | 3.3 | 6.0 | 4.3 | 4.3 | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.7 | 4.9 |
| PPG-TF 312 | 5.7 | 7.0 | 3.7 | 3.7 | 5.0 | 4.7 | 5.3 | 5.0 | 5.3 | 4.3 | 4.7 | 6.3 | 6.0 | 4.9 |
| BAR 9FE MAS | 6.3 | 5.7 | 3.7 | 3.3 | 5.3 | 4.0 | 4.0 | 5.0 | 5.3 | 4.7 | 5.0 | 6.0 | 5.7 | 4.7 |
| BAR FA 8228 | 5.7 | 5.3 | 3.7 | 3.3 | 4.7 | 4.0 | 4.0 | 4.7 | 5.3 | 6.0 | 5.3 | 5.7 | 5.3 | 4.7 |
| OG-WALK | 6.0 | 5.0 | 3.7 | 3.0 | 5.0 | 4.3 | 4.3 | 5.0 | 5.0 | 4.7 | 4.3 | 5.7 | 5.0 | 4.5 |
| RAD-TF131 | 6.0 | 5.3 | 3.0 | 2.7 | 4.3 | 4.0 | 4.0 | 4.7 | 4.3 | 3.7 | 4.3 | 5.3 | 5.7 | 4.2 |
| KENTUCKY-31 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 3.3 | 3.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.6 |
| RAD-TF115 (TURBO SS) | 6.0 | 5.3 | 2.3 | 2.0 | 2.7 | 2.7 | 2.7 | 2.7 | 3.7 | 2.7 | 3.0 | 4.0 | 4.3 | 3.0 |
| LSD VALUE | 0.5 | 0.7 | 2.4 | 1.4 | 1.9 | 1.2 | 1.1 | 0.9 | 1.2 | 3.4 | 2.7 | 1.2 | 1.0 | 0.7 |
| C.V. (%) | 5.2 | 6.9 | 16.0 | 15.9 | 14.7 | 11.9 | 11.0 | 9.3 | 10.4 | 18.8 | 13.9 | 9.2 | 8.4 | 7.6 |

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

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

TABLE 19.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2021 DATA

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

| NAME | TURFGRASS QUALITY | | | PERCENT GROUND COVER | | | PYTHIUM |
|-------------------------------|-------------------|----------------|--------------|----------------------|--------|------|---------|
| | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | SPRING | SUMMER | FALL | |
| PPG-TF 257 | 7.0 | 6.7 | 6.0 | 99.0 | 93.0 | 99.0 | 7.3 |
| DLFPS-321/3708 | 7.0 | 6.0 | 6.0 | 99.0 | 83.3 | 99.0 | 4.7 |
| FIRENZA II (PPG-TF 244) | 6.7 | 6.0 | 6.0 | 99.0 | 93.0 | 99.0 | 6.3 |
| AH1 | 7.0 | 6.3 | 6.3 | 99.0 | 86.7 | 99.0 | 6.0 |
| BY-TF-169 | 6.7 | 6.3 | 6.3 | 99.0 | 86.3 | 99.0 | 5.7 |
| DLFPS-321/3699 | 6.7 | 6.0 | 6.0 | 99.0 | 89.7 | 99.0 | 6.0 |
| DLFPS-321/3702 | 7.0 | 6.7 | 6.3 | 99.0 | 88.0 | 99.0 | 5.7 |
| DLFPS-TF/3550 | 6.3 | 7.0 | 6.7 | 99.0 | 90.3 | 99.0 | 6.3 |
| DYNAMITE G-LS (PPG-TF 254) | 6.7 | 6.3 | 6.3 | 99.0 | 97.7 | 99.0 | 6.7 |
| GALACTIC (SESCR1) | 7.0 | 6.7 | 6.7 | 99.0 | 83.0 | 99.0 | 6.7 |
| KIZZLE (K18-ROE) | 6.7 | 6.7 | 6.3 | 99.0 | 88.0 | 99.0 | 6.0 |
| OKEEFE (LTP-TF-122) | 6.7 | 6.7 | 6.3 | 99.0 | 84.7 | 99.0 | 6.0 |
| SYMPHONY (PPG-TF 305) | 6.3 | 6.3 | 6.3 | 99.0 | 93.0 | 99.0 | 7.0 |
| 3B2 | 6.3 | 6.3 | 5.3 | 97.7 | 86.3 | 99.0 | 6.3 |
| AVENGER III (PPG-TF 308) | 6.7 | 6.0 | 6.0 | 99.0 | 93.0 | 99.0 | 6.0 |
| BONFIRE (JS DTT) | 7.0 | 6.7 | 6.0 | 99.0 | 88.3 | 99.0 | 5.7 |
| DLFPS-321/3695 | 6.7 | 6.7 | 6.3 | 99.0 | 83.3 | 97.7 | 6.0 |
| DLFPS-321/3706 | 6.3 | 6.7 | 6.0 | 99.0 | 81.3 | 96.0 | 6.0 |
| FAYETTE | 6.3 | 5.7 | 6.3 | 99.0 | 97.7 | 99.0 | 7.0 |
| FIRECRACKER G-LS (PPG-TF 315) | 7.0 | 6.3 | 6.7 | 99.0 | 88.3 | 99.0 | 5.7 |
| MOONDANCE GLX | 6.3 | 6.3 | 6.0 | 99.0 | 94.7 | 99.0 | 6.7 |
| PPG-TF 249 | 6.3 | 6.3 | 6.3 | 99.0 | 95.3 | 99.0 | 7.0 |
| PPG-TF 318 | 6.3 | 6.0 | 6.0 | 99.0 | 89.3 | 99.0 | 6.7 |
| PST-5TRN | 6.7 | 6.7 | 6.3 | 99.0 | 94.7 | 99.0 | 7.0 |
| TITANIUM G-LS (PPG-TF 255) | 6.7 | 6.3 | 6.3 | 99.0 | 93.0 | 99.0 | 5.3 |
| AH2 | 6.3 | 6.0 | 5.7 | 99.0 | 88.0 | 99.0 | 6.0 |
| BANDIT | 6.3 | 5.7 | 5.7 | 99.0 | 96.3 | 99.0 | 5.7 |
| DLFPS-321/3679 | 6.7 | 6.0 | 6.3 | 99.0 | 91.3 | 99.0 | 5.7 |
| DLFPS-321/3693 | 7.0 | 6.3 | 6.3 | 99.0 | 86.3 | 99.0 | 6.3 |
| DLFPS-321/3701 | 6.7 | 6.3 | 6.3 | 99.0 | 90.3 | 99.0 | 6.0 |
| DLFPS-TF/3552 | 6.7 | 6.7 | 5.7 | 98.7 | 83.3 | 99.0 | 5.3 |
| DLFPS-TF/3553 | 6.7 | 7.0 | 7.0 | 99.0 | 80.0 | 99.0 | 5.7 |
| DRAGSTER | 6.3 | 6.0 | 6.0 | 99.0 | 97.7 | 99.0 | 7.7 |
| GO-RH20 | 6.7 | 6.3 | 5.7 | 99.0 | 89.7 | 99.0 | 7.0 |
| PPG-TF 231 | 6.7 | 6.3 | 6.7 | 98.7 | 96.3 | 99.0 | 6.3 |
| PPG-TF 267 | 6.3 | 6.3 | 6.3 | 99.0 | 94.3 | 99.0 | 6.7 |
| PPG-TF 316 | 7.0 | 6.7 | 6.0 | 99.0 | 84.7 | 99.0 | 5.7 |
| RH3 | 6.7 | 6.7 | 6.7 | 99.0 | 91.3 | 99.0 | 6.0 |
| SERENADE (PPG-TF 320) | 6.7 | 6.0 | 6.0 | 99.0 | 93.0 | 99.0 | 6.7 |
| TALLADEGA II (NAI-3N2) | 6.7 | 6.3 | 6.3 | 99.0 | 91.7 | 99.0 | 6.3 |
| TD2 | 6.3 | 5.7 | 6.0 | 98.7 | 91.3 | 99.0 | 6.7 |
| XANADU (JT 268) | 6.7 | 6.3 | 6.0 | 97.7 | 87.0 | 99.0 | 7.3 |
| DLFPS-321/3696 | 6.3 | 6.3 | 5.7 | 99.0 | 91.3 | 99.0 | 5.0 |
| DLFPS-321/3705 | 6.3 | 6.7 | 6.3 | 99.0 | 83.0 | 99.0 | 6.0 |
| GLX ACED (PST-5DART) | 6.3 | 6.7 | 6.0 | 99.0 | 91.0 | 99.0 | 6.0 |

TABLE 19.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2021 DATA

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

| NAME | TURFGRASS QUALITY | | | PERCENT GROUND COVER | | | PYTHIUM |
|----------------------|-------------------|----------------|--------------|----------------------|--------|------|---------|
| | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | SPRING | SUMMER | FALL | |
| LIFEGUARD | 6.3 | 6.3 | 5.7 | 99.0 | 83.0 | 97.7 | 6.0 |
| NAI-ST5 | 6.7 | 6.3 | 6.0 | 98.7 | 86.3 | 99.0 | 5.3 |
| PADRE 2 | 6.0 | 6.3 | 6.3 | 99.0 | 91.3 | 99.0 | 6.0 |
| PPG-TF 262 | 6.0 | 6.3 | 6.3 | 99.0 | 86.3 | 99.0 | 5.7 |
| PPG-TF 337 | 6.0 | 6.7 | 6.0 | 99.0 | 86.3 | 99.0 | 6.3 |
| PST-5BYOB | 6.7 | 6.0 | 6.0 | 99.0 | 95.7 | 99.0 | 6.3 |
| PST-5GLBS | 6.3 | 6.0 | 6.0 | 99.0 | 97.7 | 99.0 | 7.0 |
| PST-5MCMO | 6.0 | 6.0 | 6.3 | 99.0 | 86.7 | 99.0 | 5.0 |
| PST-5THM | 6.0 | 6.7 | 5.3 | 99.0 | 86.7 | 99.0 | 5.7 |
| RC4 | 6.7 | 6.7 | 6.3 | 99.0 | 83.3 | 99.0 | 5.0 |
| RDC | 6.3 | 6.0 | 6.3 | 99.0 | 93.0 | 99.0 | 7.0 |
| RS1 | 6.3 | 6.3 | 6.0 | 99.0 | 88.3 | 99.0 | 5.3 |
| STEALTH (PPG-TF 238) | 6.3 | 6.0 | 5.7 | 99.0 | 94.7 | 99.0 | 7.0 |
| TITAN GLX (TF445) | 6.3 | 5.7 | 5.7 | 99.0 | 89.3 | 99.0 | 5.7 |
| TMT1 | 6.7 | 6.3 | 6.0 | 99.0 | 83.0 | 99.0 | 5.3 |
| ZION (BAR TF 134) | 7.0 | 6.3 | 6.3 | 99.0 | 81.7 | 98.3 | 5.3 |
| 3N1 | 6.7 | 6.3 | 6.0 | 99.0 | 84.7 | 99.0 | 5.3 |
| BULLSEYE | 6.0 | 5.7 | 5.7 | 99.0 | 86.3 | 99.0 | 7.0 |
| DEGAS (LTP-TF-111) | 6.3 | 6.3 | 5.7 | 99.0 | 76.7 | 99.0 | 5.0 |
| ESCALADE | 5.7 | 6.0 | 6.3 | 99.0 | 96.0 | 99.0 | 6.0 |
| PARAMOUNT | 6.0 | 5.7 | 6.0 | 99.0 | 88.3 | 99.0 | 5.3 |
| RH1 | 6.3 | 6.7 | 6.0 | 99.0 | 92.7 | 99.0 | 5.7 |
| SETFM2 | 6.0 | 5.7 | 6.0 | 99.0 | 88.0 | 99.0 | 4.7 |
| TANK (PPG-TF 338) | 6.3 | 6.0 | 6.3 | 99.0 | 88.0 | 99.0 | 5.0 |
| TITAN MAX (TF456) | 6.7 | 5.7 | 6.0 | 99.0 | 81.3 | 99.0 | 5.3 |
| TRIAD (PPG-TF 323) | 6.3 | 6.3 | 6.0 | 99.0 | 83.0 | 96.0 | 4.7 |
| AST8118LM | 6.0 | 5.7 | 5.7 | 99.0 | 90.7 | 99.0 | 5.3 |
| ATF2116 | 6.3 | 6.0 | 6.0 | 99.0 | 93.0 | 99.0 | 5.7 |
| COL-TF-148 | 6.0 | 6.0 | 5.0 | 99.0 | 79.7 | 96.0 | 5.3 |
| DLFPS-321/3707 | 6.3 | 6.3 | 6.7 | 99.0 | 86.7 | 97.7 | 5.7 |
| ESTRENA | 6.3 | 5.7 | 6.0 | 99.0 | 79.7 | 99.0 | 6.0 |
| GO-AOMK | 6.3 | 6.3 | 6.3 | 99.0 | 90.0 | 99.0 | 6.3 |
| GRANDE 3 | 6.0 | 6.0 | 6.0 | 99.0 | 85.0 | 99.0 | 5.3 |
| JT 517 | 6.7 | 5.7 | 5.7 | 99.0 | 88.0 | 99.0 | 5.7 |
| K18-WB1 | 6.3 | 5.7 | 6.7 | 99.0 | 85.0 | 99.0 | 5.7 |
| MONUMENT (PST-5SQB) | 6.0 | 6.3 | 6.0 | 99.0 | 81.7 | 99.0 | 4.0 |
| NAI-ROS4 | 6.3 | 5.7 | 6.0 | 99.0 | 85.0 | 99.0 | 6.0 |
| PPG-TF 306 | 6.3 | 6.3 | 5.7 | 98.7 | 86.0 | 99.0 | 6.0 |
| PST-5GQ | 6.3 | 5.7 | 6.0 | 99.0 | 83.0 | 99.0 | 5.7 |
| RHF | 6.3 | 6.7 | 6.3 | 99.0 | 88.3 | 99.0 | 6.3 |
| SPYDER 2LS (ZRC1) | 6.7 | 6.0 | 6.0 | 99.0 | 91.3 | 99.0 | 5.3 |
| TOUGH (NAI-TUE) | 5.7 | 6.0 | 5.7 | 99.0 | 83.3 | 99.0 | 5.7 |
| BAR-FA8230 | 6.3 | 6.0 | 6.0 | 99.0 | 93.3 | 99.0 | 5.3 |
| BGR-TF3 | 6.3 | 6.0 | 5.7 | 99.0 | 93.0 | 99.0 | 5.7 |
| BRAVO 2 | 6.0 | 5.7 | 5.7 | 99.0 | 92.7 | 99.0 | 5.0 |

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2018 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
 2021 DATA

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

| NAME | SPRING | SUMMER | FALL | PERCENT GROUND COVER | | | PYTHIUM |
|------------------------|---------|---------|---------|----------------------|--------|------|---------|
| | DENSITY | DENSITY | DENSITY | SPRING | SUMMER | FALL | |
| BULLSEYE LTZ | 7.0 | 6.7 | 6.0 | 99.0 | 70.0 | 99.0 | 4.3 |
| DLFPS-321/3703 | 6.7 | 6.3 | 5.7 | 99.0 | 90.0 | 97.7 | 5.0 |
| FAIRFIELD (SETF104) | 6.7 | 6.3 | 6.0 | 98.7 | 71.7 | 96.0 | 5.0 |
| FIREHAWK SLT | 6.0 | 5.3 | 5.7 | 97.7 | 80.0 | 99.0 | 4.7 |
| GRO-PRO (SE53D2) | 6.7 | 6.7 | 6.7 | 99.0 | 90.0 | 99.0 | 6.7 |
| HEMI | 6.0 | 5.7 | 5.7 | 98.7 | 83.0 | 99.0 | 5.3 |
| JT 233 | 6.7 | 6.0 | 5.7 | 99.0 | 78.0 | 97.7 | 4.7 |
| K18-RS6 | 7.0 | 6.3 | 5.7 | 99.0 | 71.3 | 97.7 | 5.3 |
| LBF | 5.7 | 5.7 | 5.7 | 99.0 | 85.0 | 99.0 | 6.3 |
| PRO GOLD | 5.3 | 5.7 | 6.0 | 99.0 | 86.7 | 99.0 | 5.7 |
| PST-5DC24 | 6.0 | 6.0 | 5.7 | 99.0 | 86.7 | 97.7 | 5.3 |
| PST-5DZM | 6.3 | 6.0 | 6.0 | 99.0 | 76.7 | 97.7 | 4.7 |
| PST-5E6 | 6.0 | 5.7 | 5.7 | 99.0 | 86.3 | 97.7 | 5.0 |
| PST-5MINK | 6.3 | 6.3 | 6.7 | 99.0 | 90.0 | 97.7 | 5.7 |
| RAPTOR III | 6.7 | 6.3 | 5.7 | 99.0 | 78.0 | 97.7 | 5.7 |
| RAPTOR LS (PPG-TF 336) | 6.0 | 6.0 | 6.3 | 99.0 | 90.0 | 99.0 | 5.7 |
| RHL2 | 6.3 | 5.3 | 6.3 | 94.3 | 88.3 | 97.7 | 7.3 |
| TANGO | 5.7 | 5.0 | 5.3 | 99.0 | 89.7 | 97.7 | 6.3 |
| TEACHER (PPG-TF 313) | 6.0 | 6.0 | 5.7 | 97.7 | 89.7 | 96.0 | 6.0 |
| 5LSS | 6.7 | 6.0 | 5.7 | 99.0 | 66.3 | 96.0 | 4.0 |
| A-TF31 | 6.3 | 5.7 | 5.3 | 97.7 | 83.0 | 99.0 | 4.7 |
| AST8218LM | 6.0 | 5.7 | 5.7 | 99.0 | 91.3 | 99.0 | 6.3 |
| BIRMINGHAM | 6.0 | 5.3 | 5.7 | 99.0 | 88.3 | 99.0 | 4.7 |
| COPIOUS TF | 6.0 | 5.7 | 5.7 | 99.0 | 89.7 | 99.0 | 6.3 |
| NAI-FQZ-17 | 6.0 | 5.7 | 5.3 | 99.0 | 81.3 | 99.0 | 6.7 |
| NT-3 | 6.7 | 6.3 | 6.0 | 98.7 | 90.7 | 99.0 | 5.3 |
| SE5STAR | 6.0 | 6.0 | 5.3 | 99.0 | 94.3 | 89.3 | 7.0 |
| SETFM3 | 6.0 | 6.0 | 5.7 | 99.0 | 83.3 | 96.3 | 5.3 |
| ATF1768 | 5.7 | 5.7 | 5.7 | 99.0 | 93.3 | 99.0 | 6.0 |
| DLFPS-321/3694 | 6.3 | 5.7 | 5.7 | 99.0 | 73.3 | 99.0 | 4.7 |
| K18-NSE | 6.7 | 6.7 | 5.3 | 99.0 | 60.0 | 93.0 | 4.0 |
| NATURALLY GREEN | 6.0 | 5.7 | 5.7 | 99.0 | 95.0 | 99.0 | 6.0 |
| RAD-TF105 | 6.0 | 5.7 | 5.3 | 99.0 | 81.3 | 94.7 | 5.3 |
| GRAND PRIX (FC15-01P) | 5.7 | 5.3 | 5.3 | 99.0 | 78.3 | 99.0 | 5.0 |
| PALOMAR | 5.0 | 5.3 | 5.3 | 99.0 | 93.0 | 99.0 | 5.3 |
| PPG-TF 312 | 6.3 | 6.3 | 6.7 | 99.0 | 88.3 | 99.0 | 5.7 |
| BAR 9FE MAS | 5.7 | 5.0 | 5.3 | 99.0 | 91.7 | 99.0 | 6.0 |
| BAR FA 8228 | 5.7 | 5.0 | 5.0 | 99.0 | 97.7 | 99.0 | 6.0 |
| OG-WALK | 5.3 | 5.0 | 5.0 | 98.7 | 86.3 | 99.0 | 5.3 |
| RAD-TF131 | 5.3 | 4.3 | 4.7 | 76.3 | 74.7 | 89.7 | 6.0 |
| KENTUCKY-31 | 4.0 | 4.0 | 4.0 | 99.0 | 69.3 | 99.0 | 7.7 |
| RAD-TF115 (TURBO SS) | 4.3 | 3.7 | 4.0 | 66.3 | 50.0 | 79.7 | 5.0 |
| LSD VALUE | 1.1 | 0.9 | 1.1 | 16.9 | 49.1 | 8.3 | 5.7 |
| C.V. (%) | 9.1 | 8.7 | 9.7 | 5.4 | 14.1 | 3.2 | 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 2018 NATIONAL TALL FESCUE TEST GROWN FOR COLD TOLERANCE AT GUELPH ONTARIO, CANADA 1/
2021 DATA

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

| NAME | GENETIC | SPRING | LEAF | DENSITY RATINGS | | | % GROUND COVER | | PINK | COLOR | QUALITY RATINGS | | | | | | | | |
|-------------------------------|---------|---------|---------|-----------------|--------|------|----------------|------|-----------|-------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | COLOR | GREENUP | TEXTURE | SPRING | SUMMER | FALL | SUMMER | FALL | SNOW MOLD | NOV | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| PPG-TF 231 | 7.3 | 7.0 | 7.7 | 8.0 | 7.3 | 7.0 | 99.0 | 99 | 8.0 | 7.0 | 6.3 | 7.7 | 7.0 | 6.7 | 7.7 | 7.7 | 7.3 | 7.0 | 7.2 |
| PPG-TF 267 | 9.0 | 6.0 | 7.7 | 8.0 | 7.7 | 7.3 | 99.0 | 99 | 8.7 | 7.3 | 5.0 | 8.3 | 7.0 | 7.3 | 8.0 | 7.7 | 7.0 | 7.3 | 7.2 |
| BY-TF-169 | 7.7 | 6.3 | 7.3 | 7.7 | 7.7 | 7.3 | 99.0 | 99 | 8.3 | 6.7 | 6.0 | 7.7 | 7.3 | 7.3 | 7.7 | 7.0 | 7.0 | 6.7 | 7.1 |
| TEACHER (PPG-TF 313) | 7.3 | 6.3 | 7.7 | 7.3 | 8.3 | 7.7 | 99.0 | 99 | 9.0 | 7.0 | 6.0 | 7.3 | 5.7 | 7.7 | 8.0 | 7.3 | 7.7 | 7.0 | 7.1 |
| 3N1 | 7.7 | 6.3 | 7.3 | 7.3 | 6.7 | 6.3 | 99.0 | 99 | 8.3 | 7.0 | 6.0 | 7.3 | 7.0 | 7.7 | 7.3 | 7.3 | 6.7 | 6.7 | 7.0 |
| GO-RH20 | 7.0 | 6.3 | 7.3 | 7.3 | 7.3 | 7.7 | 99.0 | 99 | 8.7 | 7.0 | 6.0 | 7.3 | 6.7 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 |
| K18-WB1 | 7.7 | 6.7 | 7.3 | 8.0 | 7.7 | 7.3 | 99.0 | 99 | 8.7 | 6.7 | 6.7 | 7.3 | 6.3 | 6.7 | 7.3 | 7.0 | 7.3 | 7.0 | 7.0 |
| NAI-ROS4 | 7.0 | 6.0 | 6.7 | 6.7 | 7.7 | 7.7 | 99.0 | 99 | 8.7 | 7.0 | 5.7 | 6.7 | 7.3 | 7.3 | 7.7 | 7.0 | 7.7 | 7.0 | 7.0 |
| RAD-TF115 (TURBO SS) | 9.0 | 5.7 | 7.3 | 8.0 | 6.7 | 7.0 | 99.0 | 99 | 7.0 | 7.7 | 4.7 | 8.0 | 8.0 | 6.7 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 |
| SPYDER 2LS (ZRC1) | 7.0 | 6.0 | 7.7 | 7.3 | 7.7 | 7.3 | 99.0 | 99 | 8.3 | 7.3 | 5.3 | 7.0 | 7.0 | 7.0 | 7.7 | 7.3 | 7.3 | 7.3 | 7.0 |
| TRIAD (PPG-TF 323) | 8.0 | 6.0 | 8.0 | 7.3 | 7.7 | 7.3 | 99.0 | 99 | 7.0 | 7.0 | 5.3 | 7.3 | 6.7 | 7.0 | 8.0 | 7.7 | 7.3 | 6.7 | 7.0 |
| DLFPS-321/3694 | 7.7 | 7.0 | 7.0 | 7.7 | 7.7 | 7.3 | 99.0 | 99 | 8.3 | 7.0 | 6.3 | 7.7 | 7.0 | 6.3 | 6.7 | 7.3 | 7.0 | 6.7 | 6.9 |
| DLFPS-TF/3553 | 7.7 | 5.7 | 6.7 | 7.0 | 7.7 | 7.3 | 99.0 | 99 | 7.7 | 7.0 | 5.3 | 7.0 | 6.7 | 7.7 | 7.7 | 7.0 | 7.0 | 7.0 | 6.9 |
| PPG-TF 316 | 7.7 | 6.0 | 7.3 | 7.7 | 7.3 | 7.3 | 99.0 | 99 | 8.7 | 6.7 | 5.3 | 7.7 | 7.3 | 6.3 | 7.7 | 7.3 | 7.0 | 6.7 | 6.9 |
| TOUGH (NAI-TUE) | 7.7 | 5.3 | 7.0 | 7.0 | 7.3 | 7.0 | 99.0 | 99 | 7.7 | 7.3 | 5.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 6.9 |
| 3B2 | 6.7 | 5.3 | 6.7 | 7.3 | 6.3 | 6.7 | 99.0 | 99 | 8.3 | 7.0 | 5.3 | 7.3 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.8 |
| AH1 | 7.3 | 7.0 | 6.7 | 6.7 | 7.3 | 7.7 | 99.0 | 99 | 8.7 | 7.0 | 6.3 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 7.3 | 6.7 | 6.8 |
| BULLSEYE LTZ | 7.3 | 5.3 | 6.7 | 6.7 | 7.7 | 7.3 | 99.0 | 99 | 8.3 | 6.3 | 4.7 | 6.7 | 7.3 | 7.0 | 7.3 | 7.0 | 7.3 | 6.7 | 6.8 |
| COL-TF-148 | 7.3 | 6.7 | 7.3 | 6.7 | 7.3 | 7.7 | 99.0 | 99 | 8.0 | 6.7 | 6.0 | 6.7 | 6.7 | 7.0 | 7.3 | 6.7 | 7.7 | 6.7 | 6.8 |
| DLFPS-321/3693 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.3 | 99.0 | 99 | 8.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.3 | 6.7 | 6.8 |
| DLFPS-321/3695 | 7.0 | 6.3 | 7.7 | 7.3 | 7.3 | 7.3 | 99.0 | 99 | 8.7 | 6.7 | 5.7 | 7.3 | 6.0 | 6.3 | 7.3 | 7.7 | 7.0 | 7.0 | 6.8 |
| DLFPS-TF/3550 | 7.7 | 5.3 | 6.7 | 7.0 | 7.0 | 7.0 | 99.0 | 99 | 8.3 | 7.0 | 4.3 | 7.0 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 | 6.7 | 6.8 |
| FIREHAWK SLT | 7.0 | 5.3 | 7.0 | 7.3 | 8.0 | 7.3 | 99.0 | 99 | 7.7 | 7.0 | 5.3 | 7.3 | 6.0 | 7.7 | 7.3 | 7.0 | 7.0 | 6.3 | 6.8 |
| GALACTIC (SESCR1) | 7.0 | 6.3 | 7.3 | 6.3 | 7.3 | 7.0 | 99.0 | 99 | 8.0 | 6.7 | 6.0 | 6.7 | 7.0 | 6.3 | 8.0 | 7.0 | 7.0 | 6.7 | 6.8 |
| HEMI | 7.0 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 99.0 | 99 | 7.7 | 6.7 | 6.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | 6.8 |
| K18-NSE | 7.0 | 6.0 | 7.3 | 7.3 | 7.7 | 8.0 | 99.0 | 99 | 8.3 | 6.3 | 5.3 | 7.3 | 6.3 | 6.3 | 7.7 | 7.0 | 7.3 | 6.7 | 6.8 |
| PARAMOUNT | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 99.0 | 99 | 8.3 | 6.7 | 5.7 | 6.7 | 6.7 | 7.7 | 7.7 | 6.7 | 6.3 | 6.7 | 6.8 |
| PPG-TF 262 | 7.3 | 6.0 | 7.0 | 7.0 | 7.3 | 7.0 | 99.0 | 99 | 8.0 | 7.3 | 5.7 | 7.0 | 6.7 | 7.0 | 7.7 | 7.0 | 6.7 | 7.0 | 6.8 |
| PPG-TF 306 | 7.7 | 6.0 | 7.0 | 7.3 | 7.3 | 7.3 | 99.0 | 99 | 7.7 | 6.7 | 5.3 | 7.3 | 7.0 | 6.3 | 7.3 | 7.0 | 7.0 | 6.7 | 6.8 |
| RAD-TF131 | 8.3 | 5.7 | 8.0 | 8.3 | 8.0 | 7.3 | 99.0 | 99 | 8.3 | 6.3 | 5.0 | 8.0 | 6.3 | 6.7 | 7.3 | 7.0 | 7.7 | 6.3 | 6.8 |
| RH1 | 7.0 | 6.3 | 7.7 | 7.3 | 6.7 | 7.0 | 99.0 | 99 | 8.7 | 6.3 | 5.7 | 7.0 | 6.3 | 6.7 | 7.0 | 7.7 | 7.0 | 6.7 | 6.8 |
| SERENADE (PPG-TF 320) | 7.0 | 5.3 | 6.7 | 7.0 | 7.7 | 7.0 | 99.0 | 99 | 7.3 | 6.7 | 5.0 | 7.0 | 7.3 | 8.0 | 7.0 | 6.7 | 7.0 | 6.0 | 6.8 |
| STEALTH (PPG-TF 238) | 7.7 | 6.3 | 6.7 | 7.3 | 7.7 | 7.7 | 99.0 | 99 | 8.7 | 6.3 | 5.3 | 7.3 | 7.0 | 7.0 | 7.7 | 7.0 | 6.7 | 6.3 | 6.8 |
| AVENGER III (PPG-TF 308) | 7.3 | 6.3 | 6.7 | 7.0 | 7.7 | 7.0 | 97.7 | 99 | 8.0 | 6.7 | 6.0 | 6.7 | 6.3 | 7.0 | 7.3 | 6.7 | 7.0 | 6.3 | 6.7 |
| DLFPS-321/3696 | 8.7 | 6.0 | 7.3 | 7.7 | 7.0 | 7.0 | 99.0 | 99 | 8.0 | 7.3 | 4.7 | 7.7 | 6.7 | 6.7 | 7.3 | 6.7 | 6.7 | 7.0 | 6.7 |
| DLFPS-321/3699 | 8.0 | 5.3 | 6.3 | 7.3 | 7.0 | 7.0 | 99.0 | 99 | 8.3 | 6.7 | 4.7 | 7.3 | 7.3 | 6.3 | 7.3 | 6.7 | 7.0 | 6.7 | 6.7 |
| DLFPS-321/3705 | 6.7 | 6.7 | 6.7 | 7.0 | 7.3 | 7.0 | 99.0 | 99 | 8.3 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.7 | 6.7 | 6.3 | 6.0 | 6.7 |
| DLFPS-321/3706 | 6.3 | 6.7 | 7.3 | 6.3 | 7.7 | 7.3 | 99.0 | 99 | 8.0 | 6.3 | 5.3 | 6.7 | 6.3 | 6.7 | 7.7 | 7.3 | 7.0 | 6.3 | 6.7 |
| DLFPS-321/3707 | 7.3 | 6.3 | 6.7 | 7.0 | 7.3 | 7.7 | 99.0 | 99 | 8.3 | 6.0 | 5.7 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 6.0 | 6.7 |
| DLFPS-TF/3552 | 7.0 | 6.3 | 7.0 | 6.7 | 8.0 | 6.7 | 99.0 | 99 | 8.3 | 6.7 | 5.0 | 6.7 | 7.0 | 7.3 | 8.0 | 7.0 | 6.7 | 6.0 | 6.7 |
| DRAGSTER | 7.0 | 6.3 | 7.0 | 7.3 | 8.0 | 7.7 | 99.0 | 99 | 8.7 | 7.0 | 5.7 | 7.0 | 5.7 | 6.3 | 8.0 | 6.7 | 7.3 | 6.7 | 6.7 |
| FIRECRACKER G-LS (PPG-TF 315) | 7.3 | 5.0 | 7.0 | 7.0 | 7.3 | 7.0 | 99.0 | 99 | 9.0 | 6.3 | 4.3 | 7.3 | 6.7 | 7.0 | 7.3 | 7.3 | 7.0 | 6.3 | 6.7 |
| JT 233 | 7.7 | 5.0 | 7.0 | 7.0 | 7.3 | 6.7 | 99.0 | 99 | 8.3 | 6.7 | 4.0 | 7.0 | 7.7 | 6.7 | 7.3 | 7.0 | 6.7 | 7.0 | 6.7 |
| KIZZLE (K18-ROE) | 6.7 | 6.0 | 6.7 | 6.3 | 7.3 | 7.0 | 99.0 | 99 | 8.3 | 7.0 | 5.0 | 6.3 | 6.3 | 7.7 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 |
| PPG-TF 257 | 7.7 | 5.7 | 7.3 | 7.3 | 7.7 | 7.3 | 99.0 | 99 | 8.7 | 6.7 | 5.0 | 7.3 | 6.3 | 6.7 | 7.3 | 7.3 | 7.0 | 6.7 | 6.7 |

TABLE 20.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN FOR COLD TOLERANCE AT GUELPH ONTARIO, CANADA 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | DENSITY RATINGS | | | % GROUND COVER | | PINK SNOW | COLOR MOLD | NOV | QUALITY RATINGS | | | | | | | | MEAN |
|----------------------------|------------------|-------------------|-----------------|-----------------|--------|------|----------------|------|--------------|---------------|-----|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | SPRING | SUMMER | FALL | SUMMER | FALL | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| PPG-TF 337 | 7.3 | 6.3 | 7.3 | 7.3 | 7.0 | 7.3 | 99.0 | 99 | 8.0 | 7.0 | 5.3 | 6.7 | 6.7 | 7.0 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | |
| RS1 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 7.3 | 99.0 | 99 | 8.7 | 6.7 | 6.0 | 7.0 | 6.0 | 6.7 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | |
| TALLADEGA II (NAI-3N2) | 7.0 | 6.3 | 7.0 | 7.0 | 7.3 | 7.3 | 99.0 | 99 | 8.3 | 7.0 | 5.7 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | |
| TITAN MAX (TF456) | 7.3 | 6.7 | 6.3 | 7.3 | 7.7 | 6.7 | 99.0 | 99 | 8.7 | 6.3 | 5.7 | 7.3 | 6.3 | 6.7 | 7.7 | 7.0 | 6.7 | 6.3 | 6.7 | |
| TITANIUM G-LS (PPG-TF 255) | 7.7 | 5.3 | 7.0 | 7.0 | 7.0 | 7.0 | 99.0 | 99 | 8.0 | 6.3 | 5.0 | 7.3 | 6.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | |
| 5LSS | 6.7 | 5.3 | 7.3 | 7.7 | 8.0 | 7.3 | 99.0 | 99 | 8.3 | 6.0 | 5.0 | 6.7 | 6.3 | 7.0 | 7.7 | 7.3 | 7.0 | 6.0 | 6.6 | |
| AH2 | 7.0 | 5.7 | 7.3 | 6.7 | 7.7 | 7.3 | 99.0 | 99 | 8.3 | 6.3 | 4.7 | 7.0 | 6.0 | 6.7 | 7.7 | 7.0 | 7.3 | 6.3 | 6.6 | |
| BANDIT | 7.3 | 6.7 | 7.3 | 6.7 | 7.3 | 6.7 | 99.0 | 99 | 8.3 | 7.0 | 5.7 | 6.7 | 5.7 | 7.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.6 | |
| BULLSEYE | 6.7 | 6.3 | 6.7 | 6.7 | 6.0 | 6.3 | 99.0 | 99 | 8.0 | 6.7 | 5.7 | 6.7 | 6.3 | 7.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.6 | |
| DLFPS-321/3708 | 7.7 | 4.3 | 8.0 | 6.7 | 7.7 | 7.3 | 99.0 | 99 | 9.0 | 6.7 | 4.0 | 7.0 | 6.0 | 6.7 | 7.0 | 7.7 | 7.0 | 6.0 | 6.6 | |
| DYNAMITE G-LS (PPG-TF 254) | 7.3 | 6.0 | 7.0 | 7.0 | 6.7 | 7.3 | 99.0 | 99 | 8.3 | 6.0 | 5.7 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.3 | 6.3 | 6.6 | |
| ESTRENA | 6.3 | 6.0 | 7.0 | 6.7 | 7.7 | 7.0 | 99.0 | 99 | 8.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.7 | 8.0 | 7.0 | 6.7 | 6.0 | 6.6 | |
| NAI-ST5 | 7.0 | 5.3 | 7.0 | 6.7 | 8.0 | 6.7 | 99.0 | 99 | 8.0 | 6.7 | 4.3 | 7.0 | 6.3 | 7.0 | 7.7 | 7.0 | 6.7 | 6.7 | 6.6 | |
| OKEEFE (LTP-TF-122) | 7.3 | 5.7 | 6.7 | 7.0 | 7.3 | 7.3 | 99.0 | 99 | 8.0 | 7.0 | 5.0 | 7.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.6 | |
| RAD-TF105 | 8.0 | 5.7 | 7.3 | 7.3 | 7.7 | 7.0 | 99.0 | 99 | 8.0 | 6.7 | 5.0 | 7.3 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.6 | |
| RAPTOR III | 7.3 | 5.7 | 7.0 | 7.3 | 6.7 | 6.7 | 99.0 | 99 | 7.7 | 6.7 | 5.3 | 7.0 | 6.3 | 6.7 | 7.3 | 7.0 | 6.7 | 6.7 | 6.6 | |
| SYMPHONY (PPG-TF 305) | 7.0 | 5.7 | 7.3 | 6.7 | 7.3 | 7.0 | 99.0 | 99 | 8.7 | 6.3 | 5.3 | 6.7 | 6.3 | 7.0 | 7.3 | 7.0 | 6.7 | 6.3 | 6.6 | |
| AST8118LM | 8.0 | 5.0 | 8.0 | 6.7 | 7.0 | 6.3 | 99.0 | 99 | 8.3 | 7.0 | 4.3 | 7.0 | 6.0 | 6.0 | 6.7 | 7.0 | 7.7 | 7.0 | 6.3 | |
| BAR 9FE MAS | 6.7 | 7.3 | 6.3 | 6.7 | 6.7 | 6.7 | 99.0 | 99 | 8.0 | 6.0 | 7.0 | 6.3 | 5.7 | 7.0 | 7.0 | 6.3 | 6.3 | 6.3 | 6.5 | |
| BAR-FA8230 | 7.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.0 | 99.0 | 99 | 8.7 | 6.0 | 6.0 | 7.0 | 5.7 | 7.0 | 7.0 | 6.7 | 6.0 | 6.3 | 6.5 | |
| COPIOUS TF | 7.3 | 6.3 | 6.7 | 7.7 | 8.0 | 7.0 | 99.0 | 99 | 8.3 | 6.7 | 5.7 | 7.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.0 | 6.5 | |
| DLFPS-321/3701 | 7.0 | 5.3 | 7.0 | 7.3 | 7.7 | 6.7 | 99.0 | 99 | 8.7 | 6.3 | 4.7 | 7.0 | 6.3 | 6.7 | 7.3 | 7.0 | 7.0 | 6.3 | 6.5 | |
| DLFPS-321/3702 | 7.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 99.0 | 99 | 8.7 | 6.3 | 5.3 | 7.0 | 6.7 | 6.7 | 7.3 | 7.0 | 5.7 | 6.0 | 6.5 | |
| DLFPS-321/3703 | 7.3 | 5.3 | 7.0 | 7.0 | 7.0 | 6.3 | 99.0 | 99 | 8.0 | 6.0 | 4.7 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 6.5 | |
| ESCALADE | 6.0 | 7.0 | 6.3 | 6.3 | 6.3 | 6.3 | 99.0 | 99 | 8.3 | 5.7 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 7.0 | 6.0 | 6.5 | |
| FAYETTE | 7.0 | 6.0 | 6.3 | 7.0 | 6.3 | 6.7 | 99.0 | 99 | 8.0 | 6.3 | 5.7 | 7.0 | 5.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.0 | 6.5 | |
| FIRENZA II (PPG-TF 244) | 6.7 | 6.7 | 7.0 | 6.3 | 7.0 | 7.0 | 99.0 | 99 | 8.3 | 6.7 | 6.0 | 6.7 | 5.7 | 6.7 | 6.3 | 7.3 | 7.0 | 6.7 | 6.5 | |
| K18-RS6 | 6.3 | 6.0 | 6.7 | 6.7 | 7.0 | 6.7 | 99.0 | 99 | 8.0 | 6.3 | 5.0 | 6.7 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.5 | |
| NATURALLY GREEN | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 99.0 | 99 | 8.3 | 6.0 | 6.3 | 7.0 | 6.3 | 6.7 | 6.0 | 7.0 | 6.7 | 6.0 | 6.5 | |
| NT-3 | 6.7 | 6.3 | 7.7 | 6.3 | 7.7 | 7.0 | 99.0 | 99 | 8.7 | 6.3 | 5.0 | 6.7 | 5.7 | 7.3 | 7.3 | 7.3 | 6.7 | 6.3 | 6.5 | |
| PPG-TF 318 | 7.0 | 6.0 | 6.7 | 7.7 | 7.0 | 7.0 | 99.0 | 99 | 7.3 | 7.0 | 5.3 | 7.0 | 5.7 | 6.3 | 7.3 | 6.7 | 7.0 | 6.7 | 6.5 | |
| PST-5DZM | 7.7 | 5.0 | 6.7 | 6.7 | 7.0 | 6.3 | 99.0 | 99 | 8.3 | 6.3 | 4.3 | 7.0 | 6.7 | 6.3 | 7.7 | 6.7 | 6.7 | 6.3 | 6.5 | |
| PST-5GQ | 6.7 | 6.3 | 7.0 | 6.7 | 7.3 | 7.7 | 99.0 | 99 | 7.7 | 6.0 | 5.3 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 6.0 | 6.5 | |
| PST-5TRN | 7.3 | 5.7 | 6.3 | 7.0 | 6.7 | 6.3 | 97.7 | 99 | 7.7 | 6.0 | 4.7 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 6.5 | |
| RC4 | 8.3 | 4.7 | 6.7 | 7.3 | 7.0 | 6.7 | 99.0 | 99 | 8.0 | 6.3 | 4.3 | 7.7 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.5 | |
| RDC | 6.3 | 5.7 | 6.7 | 6.7 | 7.7 | 6.7 | 99.0 | 99 | 8.0 | 6.3 | 5.3 | 6.3 | 6.3 | 6.3 | 7.3 | 6.7 | 6.7 | 6.7 | 6.5 | |
| RH3 | 6.3 | 6.0 | 6.7 | 6.7 | 7.3 | 7.0 | 99.0 | 99 | 8.3 | 6.0 | 5.3 | 6.3 | 6.3 | 7.0 | 7.7 | 7.0 | 6.3 | 6.3 | 6.5 | |
| SETFM3 | 7.3 | 6.0 | 6.7 | 7.0 | 7.0 | 6.7 | 99.0 | 99 | 8.3 | 6.3 | 5.0 | 7.0 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.5 | |
| TANGO | 7.3 | 5.7 | 7.0 | 6.7 | 7.3 | 6.3 | 99.0 | 99 | 8.0 | 6.0 | 5.3 | 6.7 | 6.0 | 6.3 | 8.0 | 7.0 | 6.7 | 5.7 | 6.5 | |
| ZION (BAR TF 134) | 6.7 | 6.3 | 7.0 | 7.0 | 8.0 | 7.7 | 99.0 | 99 | 8.0 | 6.3 | 5.3 | 6.3 | 6.3 | 6.0 | 7.7 | 6.7 | 7.3 | 6.3 | 6.5 | |
| AST8218LM | 8.3 | 5.3 | 6.7 | 7.3 | 6.0 | 6.0 | 69.7 | 99 | 7.3 | 5.7 | 4.7 | 7.3 | 6.7 | 7.0 | 6.3 | 7.0 | 6.7 | 5.7 | 6.4 | |
| BONFIRE (JS DTT) | 7.7 | 5.7 | 6.7 | 7.3 | 7.0 | 6.7 | 99.0 | 99 | 8.7 | 6.7 | 4.7 | 7.0 | 6.3 | 5.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.4 | |
| DEGAS (LTP-TF-111) | 6.7 | 6.3 | 7.0 | 6.3 | 7.0 | 7.0 | 97.7 | 99 | 7.3 | 6.0 | 5.3 | 6.7 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 6.0 | 6.4 | |
| DLFPS-321/3679 | 7.0 | 5.7 | 6.7 | 6.7 | 7.3 | 6.7 | 99.0 | 99 | 8.0 | 6.3 | 5.0 | 6.7 | 6.0 | 7.0 | 7.3 | 6.7 | 6.7 | 6.0 | 6.4 | |
| GRANDE 3 | 6.3 | 6.3 | 7.0 | 6.3 | 6.3 | 6.7 | 97.7 | 99 | 7.7 | 7.0 | 5.7 | 6.7 | 6.0 | 5.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.4 | |

TABLE 20.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST GROWN FOR COLD TOLERANCE AT GUELPH ONTARIO, CANADA 1/
2021 DATA

| NAME | TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ | | | | | | | | | | QUALITY RATINGS | | | | | | | | |
|------------------------|--|----------------|--------------|----------------|----------------|------|-----------------------|------|-----------|----------------|-----------------|-----|------|------|------|-----|------|------|------|
| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | DENSITY SPRING | RATINGS SUMMER | FALL | % GROUND COVER SUMMER | FALL | PINK SNOW | COLOR MOLD NOV | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| JT 517 | 7.3 | 5.3 | 6.7 | 7.0 | 7.0 | 6.7 | 97.7 | 99 | 7.7 | 7.0 | 4.3 | 7.0 | 7.0 | 7.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.4 |
| RHF | 6.3 | 6.0 | 7.0 | 6.7 | 7.3 | 6.7 | 99.0 | 99 | 8.0 | 6.7 | 5.3 | 6.3 | 6.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.0 | 6.4 |
| RHL2 | 7.3 | 5.7 | 7.0 | 7.0 | 7.0 | 7.3 | 99.0 | 99 | 8.3 | 6.0 | 5.0 | 7.0 | 6.0 | 6.7 | 6.7 | 6.7 | 7.0 | 6.3 | 6.4 |
| TANK (PPG-TF 338) | 7.7 | 5.3 | 7.0 | 7.0 | 7.7 | 7.7 | 99.0 | 99 | 8.0 | 6.3 | 4.0 | 7.0 | 5.7 | 7.0 | 7.3 | 7.0 | 7.3 | 6.0 | 6.4 |
| TITAN GLX (TF445) | 7.0 | 6.0 | 6.3 | 7.0 | 7.3 | 6.7 | 99.0 | 99 | 8.7 | 6.3 | 5.7 | 7.0 | 6.3 | 6.0 | 7.0 | 6.7 | 6.7 | 6.0 | 6.4 |
| XANADU (JT 268) | 8.0 | 4.7 | 7.3 | 7.7 | 7.3 | 6.0 | 99.0 | 99 | 8.0 | 6.7 | 4.0 | 7.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.0 | 6.3 | 6.4 |
| ATF1768 | 6.7 | 5.3 | 6.7 | 6.7 | 7.3 | 6.7 | 99.0 | 99 | 8.7 | 6.0 | 4.3 | 6.7 | 5.7 | 7.3 | 7.0 | 6.7 | 6.7 | 6.3 | 6.3 |
| FAIRFIELD (SETF104) | 7.0 | 5.7 | 6.7 | 7.3 | 7.3 | 6.3 | 99.0 | 99 | 7.7 | 6.3 | 4.7 | 7.0 | 7.0 | 5.7 | 6.7 | 6.7 | 6.0 | 6.3 | 6.3 |
| GLX ACED (PST-5DART) | 7.0 | 5.7 | 6.3 | 6.7 | 7.0 | 6.7 | 99.0 | 99 | 7.3 | 6.3 | 5.0 | 6.7 | 6.0 | 6.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.3 |
| LIFEGUARD | 6.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 97.7 | 99 | 7.7 | 6.3 | 5.7 | 6.7 | 5.7 | 6.7 | 6.7 | 6.7 | 6.0 | 6.3 | 6.3 |
| MONUMENT (PST-5SQB) | 5.7 | 6.3 | 6.3 | 5.7 | 7.3 | 6.7 | 99.0 | 99 | 8.3 | 5.3 | 5.7 | 6.0 | 6.0 | 7.0 | 7.3 | 6.3 | 6.7 | 5.7 | 6.3 |
| MOONDANCE GLX | 6.7 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 99.0 | 99 | 8.0 | 6.0 | 5.7 | 6.3 | 6.3 | 7.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.3 |
| NAI-FQZ-17 | 7.3 | 5.0 | 7.0 | 7.0 | 7.7 | 6.7 | 99.0 | 99 | 8.7 | 6.3 | 4.3 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 6.0 | 6.3 |
| PADRE 2 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.7 | 99.0 | 99 | 7.7 | 6.3 | 5.7 | 5.7 | 6.0 | 7.0 | 6.7 | 7.0 | 6.7 | 5.7 | 6.3 |
| PPG-TF 249 | 7.3 | 5.7 | 6.3 | 6.7 | 6.7 | 6.3 | 99.0 | 99 | 8.3 | 6.7 | 5.0 | 6.7 | 7.3 | 5.7 | 6.7 | 6.7 | 6.3 | 6.0 | 6.3 |
| PPG-TF 312 | 7.0 | 6.7 | 7.3 | 7.0 | 7.7 | 7.3 | 99.0 | 99 | 8.3 | 5.7 | 5.7 | 6.3 | 5.7 | 5.7 | 7.7 | 7.0 | 6.3 | 6.0 | 6.3 |
| PST-5E6 | 6.0 | 7.0 | 6.0 | 5.7 | 6.7 | 6.0 | 99.0 | 99 | 8.0 | 5.3 | 6.0 | 6.0 | 6.0 | 7.3 | 6.7 | 6.7 | 6.0 | 5.3 | 6.3 |
| PST-5MCMO | 6.3 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 | 97.7 | 99 | 8.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.0 | 6.3 |
| PST-5MINK | 7.3 | 5.3 | 7.0 | 6.7 | 7.0 | 6.3 | 99.0 | 99 | 7.3 | 6.3 | 4.7 | 6.7 | 5.7 | 6.3 | 6.7 | 7.0 | 6.7 | 6.3 | 6.3 |
| PST-5THM | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.7 | 99.0 | 99 | 8.3 | 6.3 | 5.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.0 | 6.3 |
| RAPTOR LS (PPG-TF 336) | 7.3 | 6.3 | 6.7 | 7.0 | 7.3 | 6.7 | 99.0 | 99 | 8.0 | 5.7 | 5.7 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.3 | 5.0 | 6.3 |
| SE5STAR | 6.7 | 5.7 | 6.7 | 6.0 | 7.0 | 7.0 | 99.0 | 99 | 8.3 | 6.0 | 5.0 | 6.7 | 6.7 | 6.0 | 6.7 | 7.0 | 6.0 | 6.0 | 6.3 |
| TMT1 | 7.3 | 5.7 | 6.3 | 6.7 | 7.0 | 6.0 | 99.0 | 99 | 8.7 | 6.0 | 4.7 | 7.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.3 | 6.0 | 6.3 |
| BRAVO 2 | 7.0 | 5.7 | 6.0 | 7.0 | 6.3 | 6.7 | 99.0 | 99 | 8.3 | 6.0 | 4.3 | 7.0 | 6.7 | 6.7 | 7.0 | 6.3 | 6.7 | 5.0 | 6.2 |
| LBF | 6.7 | 6.0 | 6.7 | 6.0 | 6.0 | 6.7 | 97.7 | 99 | 8.0 | 7.0 | 5.7 | 6.3 | 5.3 | 6.7 | 6.0 | 7.0 | 6.3 | 6.3 | 6.2 |
| BGR-TF3 | 7.7 | 5.7 | 6.7 | 6.7 | 6.3 | 7.0 | 99.0 | 99 | 7.7 | 6.7 | 4.7 | 7.0 | 5.7 | 5.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.1 |
| GO-AOMK | 7.7 | 4.3 | 6.7 | 6.3 | 6.7 | 6.7 | 97.7 | 99 | 8.0 | 6.0 | 3.7 | 7.0 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.0 | 6.1 |
| PRO GOLD | 6.3 | 5.7 | 6.7 | 5.7 | 6.3 | 6.7 | 99.0 | 99 | 8.0 | 5.3 | 4.7 | 6.0 | 5.7 | 7.3 | 6.7 | 6.7 | 6.7 | 5.0 | 6.1 |
| PST-5GLBS | 6.7 | 5.7 | 7.0 | 6.7 | 6.3 | 6.0 | 99.0 | 99 | 8.0 | 6.0 | 4.7 | 6.7 | 6.0 | 6.0 | 6.0 | 7.0 | 6.3 | 6.3 | 6.1 |
| A-TF31 | 6.7 | 6.0 | 7.0 | 6.7 | 7.7 | 7.0 | 99.0 | 99 | 8.3 | 6.0 | 4.7 | 6.7 | 5.7 | 5.3 | 7.0 | 6.7 | 5.7 | 6.0 | 6.0 |
| BIRMINGHAM | 6.7 | 5.7 | 6.3 | 5.7 | 6.3 | 6.3 | 97.7 | 99 | 7.3 | 6.0 | 5.3 | 5.7 | 6.0 | 7.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 |
| PST-5BYOB | 6.0 | 6.0 | 6.3 | 5.7 | 6.3 | 6.3 | 99.0 | 99 | 7.7 | 6.3 | 5.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 | 5.7 | 5.7 | 6.0 |
| TD2 | 6.7 | 5.7 | 7.0 | 6.7 | 7.0 | 6.3 | 99.0 | 99 | 8.3 | 6.0 | 4.3 | 7.0 | 5.7 | 6.3 | 6.7 | 6.7 | 6.3 | 5.3 | 6.0 |
| GRO-PRO (SE53D2) | 6.3 | 5.3 | 5.7 | 5.7 | 7.0 | 5.7 | 99.0 | 99 | 8.0 | 5.0 | 5.3 | 6.0 | 5.7 | 7.0 | 7.0 | 5.7 | 5.7 | 5.0 | 5.9 |
| PALOMAR | 6.3 | 5.7 | 6.0 | 5.3 | 5.7 | 6.7 | 99.0 | 99 | 7.3 | 6.0 | 5.3 | 5.7 | 6.3 | 6.0 | 6.0 | 6.3 | 6.3 | 5.0 | 5.9 |
| SETFM2 | 6.3 | 5.7 | 6.3 | 5.7 | 5.7 | 6.3 | 96.3 | 99 | 7.7 | 6.7 | 4.7 | 5.3 | 6.3 | 6.0 | 5.7 | 6.3 | 6.7 | 6.3 | 5.9 |
| ATF2116 | 6.7 | 5.0 | 6.3 | 6.3 | 6.0 | 6.0 | 99.0 | 99 | 8.3 | 5.3 | 4.0 | 6.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 | 5.0 | 5.8 |
| OG-WALK | 6.3 | 5.7 | 5.7 | 5.3 | 6.3 | 6.3 | 97.7 | 99 | 8.7 | 6.3 | 5.0 | 5.3 | 5.7 | 6.7 | 5.7 | 6.3 | 6.0 | 6.0 | 5.8 |
| PST-5DC24 | 8.0 | 5.3 | 5.7 | 7.0 | 6.0 | 5.7 | 96.0 | 99 | 8.0 | 6.3 | 4.3 | 7.0 | 4.7 | 6.7 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 |
| GRAND PRIX (FC15-01P) | 5.7 | 5.3 | 6.3 | 5.3 | 6.3 | 5.3 | 99.0 | 99 | 8.0 | 5.3 | 4.0 | 5.0 | 6.0 | 6.7 | 5.7 | 6.7 | 5.0 | 5.0 | 5.5 |
| BAR FA 8228 | 6.0 | 5.7 | 5.7 | 5.3 | 6.0 | 5.3 | 99.0 | 99 | 8.3 | 5.0 | 4.7 | 5.7 | 5.3 | 6.0 | 5.3 | 6.0 | 4.7 | 5.7 | 5.4 |
| KENTUCKY-31 | 5.7 | 7.3 | 4.0 | 4.7 | 5.7 | 3.7 | 96.3 | 99 | 8.0 | 3.3 | 7.0 | 4.3 | 5.3 | 7.3 | 4.7 | 4.0 | 3.3 | 3.7 | 5.0 |
| LSD VALUE | 1.1 | 1.6 | 1.1 | 1.2 | 1.0 | 1.3 | 20.7 | 0 | 3.4 | 1.9 | 1.7 | 1.0 | 2.6 | 3.2 | 1.6 | 1.0 | 1.6 | 1.8 | 0.8 |
| C.V. (%) | 8.9 | 12.7 | 8.8 | 9.6 | 8.1 | 10.0 | 4.6 | 0 | 8.9 | 12.3 | 16.0 | 8.6 | 13.2 | 12.1 | 10.6 | 7.6 | 11.1 | 12.2 | 6.2 |

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 21.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT CORVALLIS, OR 1/
2021 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | MEAN |
|-------------------------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | |
| PPG-TF 267 | 7.0 | 6.0 | 6.7 | 6.7 | 6.3 | 7.0 | 7.0 | 5.7 | 6.5 | |
| RH1 | 7.0 | 6.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.7 | 5.3 | 6.4 | |
| TEACHER (PPG-TF 313) | 6.7 | 6.0 | 6.7 | 6.3 | 6.3 | 7.0 | 6.7 | 5.7 | 6.4 | |
| AH1 | 7.0 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 4.3 | 6.3 | |
| AH2 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 7.0 | 7.3 | 4.3 | 6.3 | |
| AVENGER III (PPG-TF 308) | 7.0 | 6.0 | 6.3 | 6.0 | 7.0 | 7.3 | 6.7 | 5.0 | 6.3 | |
| DLFPS-321/3708 | 7.3 | 5.3 | 6.7 | 7.0 | 6.3 | 7.7 | 6.7 | 4.7 | 6.3 | |
| HOUNDOG NINE (DLFPS-321/3702) | 6.7 | 6.0 | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 5.0 | 6.3 | |
| PPG-TF 262 | 6.7 | 6.0 | 7.0 | 6.0 | 6.3 | 6.3 | 7.0 | 5.3 | 6.3 | |
| RAPTOR LS (PPG-TF 336) | 6.0 | 5.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.3 | 4.3 | 6.2 | |
| TRIAD (PPG-TF 323) | 6.7 | 5.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 4.7 | 6.2 | |
| COL-TF-148 | 6.3 | 6.0 | 6.0 | 6.0 | 7.0 | 6.7 | 6.3 | 4.7 | 6.1 | |
| DLFPS-321/3707 | 6.7 | 5.3 | 6.3 | 6.0 | 6.0 | 7.0 | 6.7 | 5.3 | 6.1 | |
| DLFPS-TF/3553 | 6.7 | 6.0 | 6.0 | 6.3 | 6.3 | 7.0 | 6.7 | 4.7 | 6.1 | |
| FIRECRACKER G-LS (PPG-TF 315) | 7.0 | 5.7 | 6.0 | 6.0 | 6.7 | 7.0 | 6.3 | 5.3 | 6.1 | |
| LBF | 6.7 | 6.7 | 6.3 | 6.3 | 7.0 | 6.3 | 5.7 | 4.3 | 6.1 | |
| RACEWAY (DLFPS-321/3696) | 7.0 | 5.0 | 6.0 | 6.3 | 6.7 | 7.3 | 6.3 | 5.0 | 6.1 | |
| RHL2 | 6.7 | 5.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 4.0 | 6.1 | |
| STEALTH (PPG-TF 238) | 6.7 | 5.7 | 7.0 | 6.3 | 6.7 | 6.3 | 6.0 | 5.0 | 6.1 | |
| SYMPHONY (PPG-TF 305) | 7.0 | 5.3 | 6.0 | 6.0 | 7.0 | 6.7 | 7.0 | 5.0 | 6.1 | |
| TITANIUM G-LS (PPG-TF 255) | 7.0 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.0 | 5.0 | 6.1 | |
| XANADU (JT 268) | 6.7 | 5.7 | 6.3 | 6.7 | 6.3 | 6.0 | 6.7 | 5.3 | 6.1 | |
| BULLSEYE LTZ | 6.3 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 7.7 | 5.0 | 6.0 | |
| DLFPS-321/3703 | 7.0 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.7 | 4.7 | 6.0 | |
| DLFPS-321/3706 | 6.0 | 5.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.0 | 4.7 | 6.0 | |
| DRAGSTER | 6.3 | 6.0 | 6.3 | 6.0 | 6.0 | 6.3 | 6.7 | 5.0 | 6.0 | |
| DYNAMITE G-LS (PPG-TF 254) | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.0 | 4.7 | 6.0 | |
| ESSENTIAL 2 (DLFPS-TF/3552) | 6.3 | 5.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 4.3 | 6.0 | |
| GALACTIC (SESCR1) | 6.0 | 5.0 | 5.7 | 6.3 | 6.7 | 6.0 | 6.7 | 5.3 | 6.0 | |
| JT 517 | 6.7 | 4.7 | 6.0 | 6.7 | 6.3 | 6.3 | 6.7 | 5.0 | 6.0 | |
| NAI-ST5 | 7.0 | 5.3 | 6.3 | 6.3 | 6.7 | 6.7 | 7.0 | 4.0 | 6.0 | |
| OKEEFE (LTP-TF-122) | 6.7 | 5.3 | 6.0 | 6.0 | 6.7 | 6.3 | 6.3 | 5.0 | 6.0 | |
| PARAMOUNT | 6.0 | 5.3 | 6.7 | 6.0 | 6.3 | 6.3 | 6.7 | 4.7 | 6.0 | |
| PPG-TF 231 | 6.3 | 5.7 | 6.0 | 6.0 | 6.7 | 6.0 | 6.7 | 5.0 | 6.0 | |
| PPG-TF 316 | 6.3 | 5.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.0 | 4.7 | 6.0 | |
| PPG-TF 337 | 6.3 | 6.0 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 4.3 | 6.0 | |
| RDC | 6.7 | 5.7 | 6.3 | 6.0 | 6.0 | 6.7 | 6.7 | 5.0 | 6.0 | |
| SR 8700 (TMT1) | 6.3 | 5.3 | 5.7 | 6.0 | 6.3 | 7.0 | 7.0 | 4.7 | 6.0 | |
| TANK (PPG-TF 338) | 6.7 | 5.7 | 6.0 | 6.7 | 6.0 | 6.3 | 6.7 | 4.7 | 6.0 | |
| ZION (BAR TF 134) | 6.0 | 5.3 | 5.7 | 6.0 | 6.3 | 6.3 | 7.0 | 5.0 | 6.0 | |
| BONFIRE (JS DTT) | 6.3 | 4.7 | 5.3 | 6.0 | 6.7 | 7.0 | 7.0 | 4.7 | 5.9 | |
| DEGAS (LTP-TF-111) | 6.3 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 6.7 | 4.7 | 5.9 | |
| FIRENZA II (PPG-TF 244) | 7.3 | 5.3 | 6.0 | 6.0 | 6.7 | 6.3 | 6.3 | 4.7 | 5.9 | |
| GO-RH20 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 4.0 | 5.9 | |
| HEMI | 6.0 | 5.3 | 6.0 | 5.7 | 6.0 | 6.7 | 7.3 | 4.3 | 5.9 | |

TABLE 21.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT CORVALLIS, OR 1/
2021 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | |
|--------------------------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| K18-WB1 | 6.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 5.7 | 5.9 |
| PADRE 2 | 6.7 | 5.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 4.0 | 5.9 |
| PPG-TF 249 | 6.7 | 5.7 | 6.3 | 6.0 | 6.0 | 6.3 | 6.0 | 4.7 | 5.9 |
| PPG-TF 257 | 6.3 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 5.7 | 4.7 | 5.9 |
| PPG-TF 306 | 7.0 | 5.3 | 5.3 | 6.3 | 6.7 | 6.3 | 6.0 | 5.0 | 5.9 |
| RC4 | 6.7 | 5.3 | 5.7 | 6.0 | 6.3 | 6.3 | 6.7 | 4.7 | 5.9 |
| RS1 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 5.3 | 5.9 |
| SERENADE (PPG-TF 320) | 6.3 | 6.0 | 6.7 | 6.0 | 6.0 | 6.0 | 6.0 | 4.7 | 5.9 |
| SPYDER 2LS (ZRC1) | 6.0 | 5.3 | 5.7 | 5.7 | 6.3 | 6.3 | 7.0 | 5.0 | 5.9 |
| TALLADEGA II (NAI-3N2) | 7.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.3 | 6.7 | 4.0 | 5.9 |
| 3B2 | 6.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 5.7 | 3.3 | 5.8 |
| 3N1 | 6.7 | 5.3 | 6.0 | 6.7 | 6.0 | 6.3 | 6.3 | 4.0 | 5.8 |
| BLADERUNNER 3 (DLFPS-321/3701) | 6.3 | 5.0 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | 5.0 | 5.8 |
| BY-TF-169 | 6.7 | 5.3 | 5.3 | 6.0 | 6.3 | 6.3 | 6.7 | 4.3 | 5.8 |
| DLFPS-321/3694 | 7.0 | 5.3 | 5.3 | 6.0 | 6.0 | 6.7 | 6.0 | 5.0 | 5.8 |
| ESTRENA | 5.7 | 5.7 | 6.7 | 6.3 | 6.3 | 5.7 | 5.7 | 4.0 | 5.8 |
| JT 233 | 6.7 | 5.3 | 5.7 | 5.7 | 6.0 | 7.0 | 6.3 | 4.3 | 5.8 |
| K18-RS6 | 5.3 | 5.3 | 6.0 | 6.3 | 5.3 | 6.3 | 6.3 | 5.0 | 5.8 |
| KIZZLE (K18-ROE) | 6.0 | 5.7 | 6.0 | 6.3 | 6.0 | 5.7 | 6.0 | 5.0 | 5.8 |
| RH3 | 6.3 | 5.3 | 6.0 | 5.7 | 6.3 | 6.3 | 6.3 | 4.7 | 5.8 |
| RHF | 6.0 | 5.7 | 6.0 | 5.0 | 6.0 | 6.3 | 6.7 | 4.7 | 5.8 |
| SETFM3 | 6.3 | 5.3 | 5.7 | 5.7 | 6.3 | 6.7 | 6.0 | 5.0 | 5.8 |
| TD2 | 6.7 | 5.3 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 4.0 | 5.8 |
| TITAN GLX (TF445) | 7.0 | 5.7 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 4.7 | 5.8 |
| TOUGH (NAI-TUE) | 6.7 | 5.7 | 6.3 | 5.7 | 6.0 | 6.3 | 6.3 | 4.0 | 5.8 |
| ATF2116 | 6.7 | 6.0 | 6.3 | 5.7 | 5.7 | 5.7 | 6.0 | 4.3 | 5.7 |
| BULLSEYE | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 4.0 | 5.7 |
| CAPTAN (DLFPS-321/3705) | 6.0 | 4.7 | 5.7 | 5.7 | 6.3 | 6.0 | 7.0 | 4.7 | 5.7 |
| FAIRFIELD (SETF104) | 7.3 | 5.3 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 | 5.0 | 5.7 |
| FIREHAWK SLT | 6.3 | 5.3 | 6.0 | 6.0 | 5.3 | 6.3 | 6.3 | 4.7 | 5.7 |
| GLX ACED (PST-5DART) | 6.3 | 5.3 | 5.7 | 6.0 | 6.3 | 6.0 | 6.3 | 4.0 | 5.7 |
| GRANDE 3 | 6.0 | 4.7 | 6.7 | 6.3 | 6.0 | 6.0 | 5.7 | 4.3 | 5.7 |
| K18-NSE | 5.0 | 5.3 | 5.3 | 6.3 | 6.3 | 6.0 | 6.3 | 4.3 | 5.7 |
| NAI-ROS4 | 6.3 | 5.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 3.7 | 5.7 |
| NT-3 | 6.3 | 5.7 | 5.7 | 6.7 | 6.0 | 6.0 | 6.0 | 3.7 | 5.7 |
| PST-5GQ | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 4.7 | 5.7 |
| RAPTOR III | 6.3 | 5.3 | 5.7 | 6.0 | 6.7 | 6.0 | 6.7 | 3.7 | 5.7 |
| ROWDIER (DLFPS-321/3699) | 7.3 | 5.3 | 5.3 | 5.7 | 6.7 | 6.0 | 6.3 | 4.7 | 5.7 |
| 5LSS | 5.3 | 5.3 | 5.7 | 6.3 | 5.3 | 6.0 | 5.7 | 4.7 | 5.6 |
| DLFPS-321/3693 | 7.0 | 5.0 | 5.3 | 6.3 | 6.3 | 6.0 | 6.0 | 4.3 | 5.6 |
| DLFPS-321/3695 | 6.7 | 4.7 | 5.3 | 5.7 | 6.0 | 6.3 | 6.3 | 5.0 | 5.6 |
| GALLARDO (DLFPS-TF/3550) | 6.3 | 5.3 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 5.0 | 5.6 |
| NAI-FQZ-17 | 6.3 | 5.0 | 6.0 | 5.7 | 5.7 | 6.3 | 6.0 | 4.7 | 5.6 |
| NATURALLY GREEN | 6.7 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 4.3 | 5.6 |
| PPG-TF 318 | 6.3 | 5.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 4.0 | 5.6 |

TABLE 21.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT CORVALLIS, OR 1/
2021 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | MEAN |
|--------------------------|------------------|-----------------|------|------|-----|-----|-----|------|-----|------|
| | | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | |
| PST-5BYOB | 6.3 | 5.3 | 6.7 | 5.7 | 6.0 | 6.0 | 6.0 | 3.7 | 5.6 | |
| PST-5DC24 | 6.7 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 5.7 | 4.3 | 5.6 | |
| SETFM2 | 7.3 | 5.3 | 6.0 | 6.0 | 5.7 | 6.0 | 5.7 | 4.7 | 5.6 | |
| TANGO | 6.3 | 5.3 | 6.0 | 6.0 | 6.3 | 5.7 | 5.3 | 4.7 | 5.6 | |
| BENTLEY (DLFPS-321/3679) | 6.7 | 5.0 | 5.3 | 6.0 | 6.0 | 5.3 | 6.0 | 4.7 | 5.5 | |
| BGR-TF3 | 7.3 | 5.7 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 4.0 | 5.5 | |
| COPIOUS TF | 6.0 | 5.0 | 5.3 | 6.3 | 6.0 | 5.7 | 5.7 | 4.3 | 5.5 | |
| FAYETTE | 6.7 | 4.7 | 6.0 | 6.0 | 6.0 | 6.0 | 5.7 | 4.0 | 5.5 | |
| GO-AOMK | 6.3 | 5.7 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 3.7 | 5.5 | |
| PPG-TF 312 | 6.3 | 5.3 | 5.7 | 5.7 | 6.7 | 5.7 | 6.0 | 3.7 | 5.5 | |
| PRO GOLD | 6.3 | 5.3 | 5.7 | 5.3 | 6.0 | 6.0 | 6.0 | 4.0 | 5.5 | |
| PST-5DZM | 6.0 | 5.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 3.3 | 5.5 | |
| RAD-TF105 | 7.0 | 5.7 | 5.3 | 5.7 | 5.7 | 6.0 | 6.3 | 4.0 | 5.5 | |
| A-TF31 | 7.0 | 5.3 | 5.7 | 5.3 | 5.7 | 6.3 | 6.0 | 3.7 | 5.4 | |
| AST8118LM | 7.3 | 5.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 3.7 | 5.4 | |
| ATF1768 | 6.0 | 5.7 | 6.0 | 5.3 | 5.0 | 6.0 | 5.7 | 4.3 | 5.4 | |
| BANDIT | 6.3 | 5.3 | 5.3 | 5.7 | 6.0 | 5.7 | 5.7 | 4.3 | 5.4 | |
| BIRMINGHAM | 6.3 | 5.0 | 5.7 | 5.7 | 5.7 | 6.0 | 5.7 | 4.3 | 5.4 | |
| ESCALADE | 6.0 | 5.3 | 6.0 | 5.7 | 5.7 | 5.7 | 5.3 | 4.0 | 5.4 | |
| GRAND PRIX (FC15-01P) | 7.0 | 4.7 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 4.3 | 5.4 | |
| PST-5E6 | 6.3 | 5.7 | 5.7 | 5.7 | 6.0 | 5.3 | 5.7 | 4.0 | 5.4 | |
| PST-5GLBS | 6.0 | 5.0 | 5.3 | 5.7 | 6.0 | 6.0 | 5.7 | 4.0 | 5.4 | |
| PST-5THM | 6.3 | 5.0 | 5.7 | 5.7 | 6.0 | 5.7 | 6.0 | 3.7 | 5.4 | |
| BRAVO 2 | 6.0 | 4.7 | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 4.3 | 5.3 | |
| GRO-PRO (SE53D2) | 6.0 | 4.7 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 3.3 | 5.3 | |
| LIFEGUARD | 5.7 | 5.3 | 5.7 | 5.3 | 5.7 | 6.0 | 5.3 | 4.0 | 5.3 | |
| MONUMENT (PST-5SQB) | 6.0 | 4.7 | 5.3 | 5.7 | 6.3 | 6.0 | 5.3 | 4.0 | 5.3 | |
| PST-5MCMO | 6.0 | 5.3 | 5.7 | 5.3 | 6.0 | 5.7 | 5.3 | 4.0 | 5.3 | |
| PST-5MINK | 6.3 | 4.3 | 5.7 | 6.3 | 5.7 | 5.3 | 5.7 | 4.0 | 5.3 | |
| PST-5TRN | 6.0 | 5.0 | 5.3 | 5.3 | 6.0 | 6.0 | 5.7 | 3.7 | 5.3 | |
| SE5STAR | 6.7 | 5.0 | 5.3 | 5.3 | 6.3 | 6.0 | 5.3 | 4.0 | 5.3 | |
| TITAN MAX (TF456) | 6.0 | 5.0 | 5.3 | 5.7 | 5.7 | 5.3 | 6.0 | 4.3 | 5.3 | |
| AST8218LM | 7.0 | 4.7 | 5.3 | 5.3 | 5.7 | 6.0 | 6.0 | 3.7 | 5.2 | |
| RAD-TF115 (TURBO SS) | 7.3 | 5.0 | 5.0 | 5.0 | 5.3 | 5.7 | 5.3 | 4.7 | 5.1 | |
| RAD-TF131 | 6.3 | 4.7 | 4.7 | 5.0 | 5.3 | 6.0 | 5.7 | 4.3 | 5.1 | |
| BAR 9FE MAS | 6.3 | 5.0 | 5.3 | 5.0 | 5.3 | 5.7 | 5.3 | 3.0 | 5.0 | |
| MOONDANCE GLX | 6.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 3.0 | 5.0 | |
| OG-WALK | 6.3 | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.7 | 4.0 | 5.0 | |
| BAR-FA8230 | 5.7 | 4.7 | 4.7 | 5.3 | 5.7 | 5.7 | 5.3 | 3.0 | 4.9 | |
| BAR FA 8228 | 5.7 | 4.3 | 5.0 | 5.3 | 5.3 | 5.0 | 5.0 | 3.7 | 4.8 | |
| PALOMAR | 6.3 | 4.3 | 5.0 | 5.7 | 5.0 | 5.0 | 5.0 | 3.0 | 4.7 | |
| KENTUCKY-31 | 3.7 | 3.0 | 2.3 | 3.3 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | |
| LSD VALUE | 1.0 | 1.2 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.9 | 0.5 | |
| C.V. (%) | 8.6 | 11.2 | 11.5 | 10.0 | 9.6 | 8.8 | 9.0 | 12.6 | 5.4 | |

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

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

TABLE 22.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT KENNETT SQUARE, PA 1/
2021 DATA

_) (*BROWN PATCH COUNTS?)

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | PERCENT SPRING | GROUND SUMMER | COVER FALL | TYPHULA BLIGHT | BROWN PATCH COOL-SEASON | COLOR OCT | QUALITY RATINGS | | | | | | | | | |
|-------------------------|------------------|-------------------|-----------------|-------------------|------------------|---------------|-------------------|-------------------------------|--------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | | | | | | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| 3N1 | 8.0 | 7.3 | 6.7 | 98.7 | 99 | 99.0 | 3.7 | 9.0 | 7.0 | 5.7 | 6.3 | 7.3 | 8.0 | 7.3 | 8.0 | 7.0 | 8.7 | 6.7 | 7.2 |
| SYMPHONY (PPG-TF 305) | 7.3 | 7.0 | 4.7 | 99.0 | 99 | 99.0 | 4.0 | 8.7 | 6.0 | 6.0 | 6.3 | 7.3 | 7.3 | 7.0 | 8.0 | 7.0 | 8.0 | 7.7 | 7.2 |
| AH1 | 7.3 | 7.0 | 6.0 | 99.0 | 99 | 99.0 | 2.3 | 6.0 | 6.7 | 6.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.3 | 7.0 | 7.1 |
| AH2 | 7.0 | 7.0 | 5.7 | 98.7 | 99 | 99.0 | 3.7 | 7.0 | 6.0 | 6.3 | 7.3 | 7.7 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 7.1 |
| OKEEFE (LTP-TF-122) | 7.7 | 7.0 | 6.0 | 98.3 | 99 | 99.0 | 5.7 | 8.3 | 6.7 | 6.0 | 6.3 | 6.7 | 7.7 | 7.7 | 7.7 | 7.3 | 7.7 | 7.0 | 7.1 |
| PPG-TF 316 | 7.3 | 7.0 | 5.7 | 98.3 | 99 | 99.0 | 5.0 | 7.7 | 6.7 | 6.0 | 6.7 | 7.7 | 7.3 | 7.3 | 7.3 | 7.7 | 7.3 | 6.3 | 7.1 |
| RHF | 6.3 | 7.0 | 5.0 | 99.0 | 99 | 99.0 | 3.0 | 8.7 | 6.0 | 6.0 | 7.0 | 7.7 | 6.3 | 7.3 | 7.7 | 6.7 | 8.0 | 7.7 | 7.1 |
| BULLSEYE LTZ | 7.3 | 7.3 | 5.7 | 99.0 | 99 | 99.0 | 6.7 | 7.3 | 6.0 | 6.3 | 7.3 | 7.3 | 7.3 | 7.0 | 8.0 | 6.7 | 6.7 | 6.7 | 7.0 |
| DLFPS-321/3695 | 7.0 | 7.3 | 6.3 | 98.7 | 99 | 99.0 | 4.7 | 8.7 | 6.7 | 6.0 | 6.7 | 7.0 | 7.0 | 7.3 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 |
| DLFPS-TF/3550 | 7.3 | 7.3 | 5.3 | 99.0 | 99 | 99.0 | 2.0 | 8.0 | 6.7 | 5.7 | 6.7 | 7.0 | 7.3 | 7.3 | 7.7 | 7.7 | 7.0 | 6.3 | 7.0 |
| DLFPS-TF/3552 | 7.0 | 7.3 | 5.0 | 98.7 | 99 | 98.7 | 3.0 | 7.7 | 6.7 | 6.0 | 7.0 | 7.7 | 7.0 | 7.7 | 7.0 | 7.3 | 6.7 | 6.3 | 7.0 |
| DLFPS-TF/3553 | 7.0 | 7.3 | 6.3 | 99.0 | 99 | 99.0 | 3.7 | 7.3 | 6.0 | 6.3 | 7.0 | 7.3 | 7.0 | 7.0 | 7.7 | 7.0 | 7.7 | 6.0 | 7.0 |
| FIRENZA II (PPG-TF 244) | 7.0 | 7.3 | 5.3 | 99.0 | 99 | 99.0 | 3.3 | 8.3 | 7.0 | 6.0 | 6.7 | 7.0 | 7.0 | 7.7 | 7.7 | 7.7 | 7.3 | 6.0 | 7.0 |
| GALACTIC (SESCR1) | 7.3 | 7.3 | 6.0 | 99.0 | 99 | 99.0 | 3.0 | 6.0 | 6.3 | 5.7 | 6.7 | 7.3 | 7.3 | 7.3 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 |
| NAI-ROS4 | 6.7 | 7.0 | 6.3 | 98.7 | 99 | 99.0 | 4.3 | 8.3 | 6.3 | 5.7 | 6.3 | 7.0 | 6.7 | 7.0 | 8.0 | 7.7 | 8.0 | 6.7 | 7.0 |
| NAI-ST5 | 7.7 | 7.0 | 5.7 | 98.7 | 99 | 99.0 | 3.0 | 6.7 | 7.3 | 6.0 | 7.0 | 7.7 | 7.7 | 7.7 | 7.0 | 7.0 | 7.3 | 6.0 | 7.0 |
| TALLADEGA II (NAI-3N2) | 7.3 | 7.0 | 6.7 | 98.7 | 99 | 99.0 | 3.3 | 9.0 | 6.3 | 5.7 | 6.7 | 7.7 | 7.3 | 7.3 | 7.3 | 7.0 | 7.7 | 6.7 | 7.0 |
| TMT1 | 7.3 | 7.0 | 6.3 | 98.7 | 99 | 99.0 | 4.3 | 7.7 | 6.3 | 5.7 | 6.7 | 7.7 | 7.3 | 7.0 | 7.7 | 7.0 | 7.3 | 6.7 | 7.0 |
| TOUGH (NAI-TUE) | 7.7 | 7.3 | 6.3 | 98.7 | 99 | 99.0 | 5.3 | 7.7 | 7.0 | 5.7 | 6.7 | 7.3 | 7.7 | 7.7 | 7.0 | 7.7 | 7.0 | 6.0 | 7.0 |
| 3B2 | 6.7 | 7.0 | 6.0 | 98.7 | 99 | 99.0 | 3.7 | 8.0 | 6.3 | 5.7 | 6.3 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 8.0 | 7.3 | 6.9 |
| BANDIT | 8.0 | 7.3 | 6.7 | 99.0 | 99 | 99.0 | 5.7 | 7.3 | 7.0 | 5.7 | 6.7 | 7.0 | 8.0 | 7.3 | 6.7 | 7.3 | 6.3 | 6.7 | 6.9 |
| COPIOUS TF | 7.3 | 7.3 | 5.7 | 98.7 | 99 | 99.0 | 6.0 | 8.7 | 7.0 | 6.0 | 6.7 | 7.0 | 7.3 | 7.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.9 |
| DEGAS (LTP-TF-111) | 7.3 | 7.3 | 6.3 | 99.0 | 99 | 99.0 | 5.7 | 7.7 | 6.3 | 5.7 | 6.7 | 6.7 | 7.3 | 7.7 | 7.3 | 7.0 | 7.3 | 6.3 | 6.9 |
| DLFPS-321/3693 | 6.7 | 7.0 | 5.3 | 98.7 | 99 | 99.0 | 4.3 | 7.7 | 6.3 | 6.0 | 7.0 | 7.0 | 6.7 | 6.7 | 7.3 | 7.3 | 7.0 | 7.0 | 6.9 |
| DLFPS-321/3694 | 7.0 | 7.0 | 6.0 | 99.0 | 99 | 99.0 | 7.3 | 7.7 | 6.7 | 6.0 | 6.7 | 7.3 | 7.0 | 6.7 | 7.7 | 7.3 | 6.7 | 7.0 | 6.9 |
| DLFPS-321/3696 | 7.0 | 7.0 | 6.3 | 99.0 | 99 | 99.0 | 3.7 | 8.0 | 6.3 | 5.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.7 | 7.3 | 7.7 | 6.7 | 6.9 |
| DLFPS-321/3699 | 7.0 | 7.3 | 5.0 | 98.0 | 99 | 99.0 | 2.3 | 8.0 | 7.3 | 6.3 | 7.0 | 7.7 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | 6.3 | 6.9 |
| DLFPS-321/3702 | 7.0 | 7.0 | 5.7 | 98.3 | 99 | 99.0 | 4.0 | 7.0 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 7.3 | 6.3 | 6.9 |
| DLFPS-321/3707 | 7.3 | 7.3 | 5.3 | 98.3 | 99 | 99.0 | 1.7 | 4.7 | 6.7 | 6.3 | 7.0 | 7.3 | 7.3 | 7.3 | 6.3 | 7.0 | 6.7 | 6.7 | 6.9 |
| DLFPS-321/3708 | 7.0 | 7.0 | 5.3 | 99.0 | 99 | 99.0 | 1.3 | 5.3 | 6.7 | 6.0 | 7.0 | 7.3 | 7.0 | 7.3 | 6.7 | 7.0 | 6.7 | 7.0 | 6.9 |
| GO-RH20 | 7.0 | 7.0 | 6.7 | 99.0 | 99 | 99.0 | 3.3 | 8.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | 6.9 |
| JT 517 | 7.7 | 6.7 | 6.3 | 98.3 | 99 | 99.0 | 5.0 | 8.7 | 7.3 | 5.7 | 6.7 | 6.7 | 7.7 | 7.0 | 7.0 | 7.3 | 7.3 | 6.7 | 6.9 |
| KIZZLE (K18-ROE) | 6.7 | 7.3 | 6.3 | 98.7 | 99 | 99.0 | 5.7 | 9.0 | 6.3 | 5.7 | 6.3 | 6.7 | 6.7 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 6.9 |
| PPG-TF 249 | 7.3 | 7.0 | 6.0 | 98.3 | 99 | 99.0 | 3.7 | 7.0 | 6.3 | 6.0 | 7.0 | 7.0 | 7.3 | 7.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.9 |
| PPG-TF 262 | 6.7 | 7.0 | 5.3 | 98.7 | 99 | 99.0 | 2.3 | 8.3 | 6.3 | 5.7 | 6.7 | 7.7 | 6.7 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 6.9 |
| PST-5MCMO | 6.3 | 7.7 | 6.0 | 98.0 | 99 | 99.0 | 3.3 | 7.3 | 6.0 | 5.3 | 6.3 | 7.3 | 6.3 | 7.7 | 7.0 | 7.0 | 7.7 | 7.0 | 6.9 |
| RAPTOR LS (PPG-TF 336) | 6.3 | 7.3 | 5.7 | 98.7 | 99 | 99.0 | 2.3 | 5.3 | 6.3 | 6.0 | 7.0 | 8.0 | 6.3 | 7.3 | 6.7 | 7.0 | 6.7 | 7.3 | 6.9 |
| RC4 | 7.0 | 7.0 | 5.3 | 98.3 | 99 | 99.0 | 6.0 | 8.0 | 6.7 | 5.7 | 6.3 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 7.3 | 6.7 | 6.9 |
| RDC | 6.7 | 7.0 | 6.3 | 98.3 | 99 | 99.0 | 5.0 | 8.0 | 6.3 | 5.3 | 6.3 | 7.0 | 6.7 | 7.3 | 7.7 | 7.3 | 7.3 | 7.3 | 6.9 |
| RH1 | 6.7 | 7.3 | 6.0 | 99.0 | 99 | 99.0 | 2.0 | 7.7 | 6.3 | 6.3 | 6.3 | 7.0 | 6.7 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 6.9 |
| SETFM2 | 8.3 | 7.0 | 6.3 | 98.3 | 99 | 99.0 | 6.7 | 7.0 | 7.3 | 5.7 | 6.3 | 7.0 | 8.3 | 7.0 | 7.3 | 6.7 | 7.0 | 6.7 | 6.9 |
| TANK (PPG-TF 338) | 7.0 | 7.0 | 5.7 | 99.0 | 99 | 99.0 | 3.0 | 7.3 | 7.0 | 5.7 | 6.7 | 7.7 | 7.0 | 7.3 | 7.0 | 7.3 | 6.7 | 6.7 | 6.9 |
| XANADU (JT 268) | 7.0 | 7.0 | 5.7 | 98.7 | 99 | 99.0 | 4.3 | 8.3 | 6.7 | 5.3 | 5.7 | 7.3 | 7.0 | 7.0 | 7.7 | 7.7 | 7.3 | 6.7 | 6.9 |
| BULLSEYE | 6.7 | 7.3 | 6.7 | 99.0 | 99 | 99.0 | 4.0 | 8.7 | 6.0 | 6.0 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 | 7.3 | 7.7 | 6.0 | 6.8 |
| DLFPS-321/3703 | 7.7 | 7.0 | 5.7 | 99.0 | 99 | 99.0 | 4.0 | 7.3 | 6.0 | 5.3 | 6.3 | 7.7 | 7.7 | 7.0 | 7.3 | 7.0 | 6.3 | 6.3 | 6.8 |

TABLE 22.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT KENNETT SQUARE, PA 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | PERCENT SPRING | GROUND COVER | | | TYPHULA BLIGHT | BROWN PATCH COOL-SEASON | COLOR OCT | QUALITY RATINGS | | | | | | | | | |
|-------------------------------|------------------|-------------------|-----------------|-------------------|--------------|------|-----|-------------------|-------------------------------|--------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | SUMMER | FALL | | | | | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| FIRECRACKER G-LS (PPG-TF 315) | 7.0 | 6.7 | 5.7 | 98.7 | 99.0 | 99 | 3.3 | 6.7 | 6.3 | 5.3 | 6.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.7 | 6.7 | 7.0 | 6.8 | |
| GO-AOMK | 7.7 | 6.7 | 6.3 | 98.7 | 99.0 | 99 | 5.7 | 8.3 | 6.3 | 5.3 | 5.7 | 6.7 | 7.7 | 7.0 | 7.7 | 7.0 | 7.3 | 7.0 | 6.8 | |
| PARAMOUNT | 6.3 | 7.0 | 7.3 | 98.3 | 99.0 | 99 | 7.0 | 9.0 | 6.0 | 6.0 | 6.3 | 7.0 | 6.3 | 6.3 | 7.7 | 7.0 | 7.7 | 6.7 | 6.8 | |
| PPG-TF 231 | 7.3 | 7.0 | 5.3 | 98.7 | 99.0 | 99 | 1.7 | 6.7 | 6.3 | 6.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.7 | 6.3 | 6.0 | 6.8 | |
| PPG-TF 337 | 7.0 | 7.0 | 5.0 | 99.0 | 99.0 | 99 | 3.0 | 6.0 | 6.0 | 5.7 | 6.7 | 7.0 | 7.0 | 7.3 | 7.0 | 7.0 | 6.0 | 6.3 | 6.8 | |
| RAD-TF115 (TURBO SS) | 7.0 | 7.3 | 5.7 | 99.0 | 99.0 | 99 | 7.0 | 5.3 | 7.0 | 6.0 | 6.7 | 7.7 | 7.0 | 7.3 | 6.7 | 6.7 | 6.0 | 7.0 | 6.8 | |
| SERENADE (PPG-TF 320) | 6.7 | 7.0 | 6.3 | 98.7 | 99.0 | 99 | 4.3 | 7.0 | 6.0 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.3 | 6.7 | 6.8 | |
| TD2 | 6.7 | 7.0 | 5.3 | 98.7 | 99.0 | 99 | 4.0 | 7.7 | 6.7 | 5.7 | 6.7 | 7.0 | 6.7 | 7.3 | 6.7 | 7.0 | 6.7 | 7.3 | 6.8 | |
| TEACHER (PPG-TF 313) | 7.0 | 7.3 | 5.3 | 98.7 | 99.0 | 99 | 2.0 | 7.3 | 6.7 | 5.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 6.7 | 7.3 | 6.8 | |
| TRIAD (PPG-TF 323) | 7.3 | 7.3 | 6.0 | 98.3 | 99.0 | 99 | 4.7 | 7.7 | 7.3 | 5.7 | 6.7 | 7.0 | 7.3 | 7.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.8 | |
| A-TF31 | 7.0 | 7.3 | 5.3 | 98.3 | 99.0 | 99 | 8.7 | 9.0 | 7.0 | 5.7 | 6.0 | 7.0 | 7.0 | 7.0 | 7.3 | 6.7 | 7.3 | 6.0 | 6.7 | |
| AST8118LM | 7.0 | 7.3 | 6.0 | 98.7 | 99.0 | 99 | 7.0 | 8.0 | 6.3 | 5.7 | 6.3 | 6.3 | 7.0 | 7.3 | 6.7 | 7.0 | 7.3 | 6.3 | 6.7 | |
| BY-TF-169 | 6.3 | 7.0 | 6.0 | 98.3 | 99.0 | 99 | 4.0 | 6.7 | 6.7 | 6.0 | 6.7 | 7.3 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | |
| COL-TF-148 | 6.3 | 7.0 | 6.3 | 98.3 | 99.0 | 99 | 6.0 | 8.0 | 6.3 | 6.0 | 6.3 | 7.3 | 6.3 | 6.7 | 7.0 | 7.3 | 7.3 | 6.3 | 6.7 | |
| DLFPS-321/3701 | 6.7 | 7.0 | 6.0 | 98.7 | 99.0 | 99 | 4.3 | 8.0 | 7.0 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | |
| DLFPS-321/3706 | 6.7 | 7.0 | 5.7 | 98.7 | 98.7 | 99 | 2.3 | 5.7 | 6.3 | 5.7 | 6.7 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.7 | |
| DRAGSTER | 6.3 | 7.0 | 6.7 | 98.7 | 99.0 | 99 | 3.7 | 8.0 | 6.3 | 5.7 | 6.7 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 7.3 | 6.7 | 6.7 | |
| GRANDE 3 | 7.0 | 7.3 | 5.7 | 98.3 | 99.0 | 99 | 5.3 | 7.0 | 6.7 | 5.7 | 6.7 | 6.7 | 7.0 | 6.7 | 7.0 | 7.3 | 6.3 | 6.7 | 6.7 | |
| K18-RS6 | 7.0 | 7.0 | 6.0 | 98.7 | 99.0 | 99 | 2.7 | 6.0 | 6.3 | 5.7 | 6.7 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | |
| K18-WB1 | 7.0 | 7.3 | 5.7 | 98.7 | 99.0 | 99 | 2.0 | 6.3 | 6.3 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | |
| LBF | 7.3 | 7.0 | 6.3 | 98.3 | 99.0 | 99 | 3.0 | 7.3 | 6.0 | 5.7 | 6.3 | 6.3 | 7.3 | 6.7 | 6.7 | 7.3 | 7.0 | 6.7 | 6.7 | |
| NATURALLY GREEN | 8.3 | 7.0 | 7.3 | 98.7 | 99.0 | 99 | 4.7 | 8.0 | 7.0 | 5.7 | 6.3 | 7.0 | 8.3 | 6.3 | 6.7 | 6.7 | 7.3 | 6.3 | 6.7 | |
| PADRE 2 | 7.3 | 7.0 | 6.7 | 98.7 | 99.0 | 99 | 6.3 | 8.3 | 6.7 | 5.0 | 6.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.0 | 7.7 | 6.0 | 6.7 | |
| PPG-TF 306 | 7.3 | 7.3 | 5.7 | 98.7 | 99.0 | 99 | 5.7 | 7.3 | 6.3 | 5.7 | 6.7 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | |
| PPG-TF 318 | 7.0 | 7.3 | 5.7 | 99.0 | 99.0 | 99 | 2.0 | 5.7 | 6.3 | 6.3 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.7 | |
| RAPTOR III | 7.3 | 7.3 | 6.0 | 98.7 | 99.0 | 99 | 4.3 | 6.3 | 6.0 | 5.7 | 6.7 | 6.7 | 7.3 | 7.3 | 7.0 | 7.3 | 6.7 | 6.0 | 6.7 | |
| RH3 | 6.7 | 7.7 | 6.0 | 98.7 | 99.0 | 99 | 2.0 | 7.7 | 6.0 | 5.7 | 6.3 | 7.0 | 6.7 | 6.3 | 7.3 | 7.0 | 7.7 | 6.7 | 6.7 | |
| TITAN GLX (TF445) | 7.0 | 7.0 | 6.0 | 98.7 | 99.0 | 99 | 5.0 | 7.7 | 6.0 | 5.7 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | |
| TITANIUM G-LS (PPG-TF 255) | 7.0 | 7.3 | 6.0 | 99.0 | 99.0 | 99 | 4.3 | 5.0 | 6.7 | 5.3 | 6.7 | 8.0 | 7.0 | 7.0 | 6.3 | 7.0 | 6.7 | 6.3 | 6.7 | |
| ATF2116 | 7.0 | 7.0 | 7.3 | 98.7 | 99.0 | 99 | 5.7 | 8.7 | 6.7 | 5.0 | 6.0 | 6.7 | 7.0 | 6.0 | 7.3 | 7.0 | 7.3 | 6.7 | 6.6 | |
| AVENGER III (PPG-TF 308) | 7.0 | 7.0 | 6.0 | 99.0 | 99.0 | 99 | 4.7 | 6.3 | 6.7 | 6.0 | 7.0 | 6.7 | 7.0 | 7.3 | 6.7 | 5.7 | 6.7 | 6.3 | 6.6 | |
| BRAVO 2 | 7.0 | 7.3 | 7.0 | 98.3 | 99.0 | 99 | 1.7 | 7.3 | 6.7 | 5.7 | 6.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.7 | 6.6 | |
| DYNAMITE G-LS (PPG-TF 254) | 6.3 | 7.3 | 6.3 | 99.0 | 99.0 | 99 | 2.7 | 7.7 | 6.3 | 5.7 | 6.3 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.6 | |
| FAIRFIELD (SETF104) | 7.0 | 7.0 | 5.7 | 98.7 | 99.0 | 99 | 3.3 | 4.7 | 6.0 | 6.0 | 6.7 | 6.7 | 7.0 | 7.3 | 6.3 | 6.7 | 6.7 | 5.7 | 6.6 | |
| FIREHAWK SLT | 7.0 | 7.0 | 6.3 | 99.0 | 99.0 | 99 | 2.7 | 7.0 | 5.7 | 5.3 | 6.3 | 7.3 | 7.0 | 7.3 | 6.7 | 6.7 | 6.3 | 6.7 | 6.6 | |
| GLX ACED (PST-5DART) | 6.0 | 7.3 | 6.0 | 99.0 | 99.0 | 99 | 3.0 | 8.3 | 6.0 | 5.3 | 6.3 | 7.0 | 6.0 | 7.0 | 7.3 | 7.0 | 7.0 | 6.0 | 6.6 | |
| HEMI | 7.0 | 7.0 | 6.0 | 99.0 | 99.0 | 99 | 6.0 | 7.0 | 5.3 | 5.3 | 6.3 | 7.3 | 7.0 | 6.7 | 7.0 | 6.7 | 7.3 | 6.0 | 6.6 | |
| JT 233 | 7.0 | 7.0 | 6.3 | 98.7 | 99.0 | 99 | 7.0 | 8.7 | 6.3 | 5.0 | 6.0 | 6.7 | 7.0 | 7.0 | 7.7 | 7.0 | 7.3 | 6.0 | 6.6 | |
| K18-NSE | 6.7 | 7.0 | 5.7 | 98.7 | 99.0 | 99 | 3.7 | 7.3 | 5.7 | 5.7 | 6.7 | 7.0 | 6.7 | 6.3 | 7.0 | 7.3 | 6.7 | 6.0 | 6.6 | |
| NAI-FQZ-17 | 7.0 | 7.3 | 6.7 | 98.3 | 99.0 | 99 | 2.3 | 8.3 | 7.0 | 5.3 | 6.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7.3 | 7.0 | 5.7 | 6.6 | |
| NT-3 | 6.7 | 6.7 | 6.3 | 99.0 | 99.0 | 99 | 7.0 | 6.0 | 7.0 | 5.3 | 6.3 | 7.0 | 6.7 | 7.0 | 7.0 | 7.3 | 6.7 | 6.0 | 6.6 | |
| PPG-TF 257 | 6.7 | 7.3 | 5.7 | 99.0 | 99.0 | 99 | 3.3 | 6.3 | 7.0 | 6.0 | 6.7 | 7.7 | 6.7 | 7.3 | 6.3 | 6.3 | 6.7 | 6.0 | 6.6 | |
| PPG-TF 267 | 7.0 | 7.0 | 5.7 | 99.0 | 99.0 | 99 | 2.7 | 6.3 | 6.3 | 5.7 | 6.3 | 7.3 | 7.0 | 6.7 | 7.0 | 6.7 | 7.0 | 6.0 | 6.6 | |
| PST-5DC24 | 7.3 | 7.3 | 6.0 | 99.0 | 99.0 | 99 | 4.0 | 8.3 | 6.7 | 5.0 | 6.0 | 6.7 | 7.3 | 7.3 | 6.7 | 7.0 | 7.3 | 6.3 | 6.6 | |
| PST-5MINK | 6.3 | 7.3 | 6.7 | 99.0 | 99.0 | 99 | 5.3 | 8.0 | 6.0 | 5.7 | 6.3 | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 7.7 | 6.0 | 6.6 | |

TABLE 22.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT KENNETT SQUARE, PA 1/
2021 DATA

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

| NAME | BROWN | | | | | | | | | | QUALITY RATINGS | | | | | | | | |
|-----------------------|------------------|-------------------|-----------------|-------------------|------------------|---------------|-------------------|----------------------|--------------|-----|-----------------|-----|-----|-----|------|-----|------|------|------|
| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | PERCENT SPRING | GROUND SUMMER | COVER FALL | TYPHULA BLIGHT | PATCH COOL-SEASON | COLOR OCT | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| RAD-TF105 | 7.3 | 7.3 | 6.0 | 99.0 | 99.0 | 99.0 | 2.3 | 7.0 | 6.3 | 5.7 | 6.3 | 7.0 | 7.3 | 7.3 | 7.0 | 6.7 | 6.0 | 6.3 | 6.6 |
| RAD-TF131 | 8.0 | 7.3 | 5.3 | 98.3 | 99.0 | 99.0 | 6.3 | 4.0 | 7.7 | 5.7 | 6.7 | 7.7 | 8.0 | 7.0 | 6.7 | 6.0 | 5.7 | 6.3 | 6.6 |
| RS1 | 7.0 | 7.0 | 5.7 | 98.3 | 99.0 | 99.0 | 3.0 | 5.3 | 6.3 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.6 |
| SPYDER 2LS (ZRC1) | 7.0 | 7.3 | 6.3 | 98.7 | 99.0 | 99.0 | 2.0 | 5.3 | 6.3 | 5.7 | 6.3 | 7.0 | 7.0 | 7.3 | 7.0 | 6.7 | 6.7 | 6.0 | 6.6 |
| STEALTH (PPG-TF 238) | 6.3 | 7.0 | 5.7 | 99.0 | 99.0 | 99.0 | 5.0 | 6.3 | 6.3 | 5.7 | 6.7 | 7.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.6 |
| ZION (BAR TF 134) | 6.3 | 7.3 | 6.3 | 98.7 | 98.7 | 99.0 | 4.0 | 6.0 | 6.0 | 5.7 | 6.7 | 7.3 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.6 |
| AST8218LM | 7.3 | 7.0 | 7.3 | 98.0 | 99.0 | 99.0 | 6.7 | 8.7 | 6.7 | 6.0 | 6.3 | 6.3 | 7.3 | 6.3 | 7.0 | 6.3 | 7.3 | 5.7 | 6.5 |
| BGR-TF3 | 7.3 | 7.3 | 6.0 | 98.7 | 99.0 | 98.7 | 4.3 | 6.3 | 7.0 | 5.0 | 6.0 | 6.7 | 7.3 | 6.7 | 6.0 | 6.7 | 7.0 | 7.0 | 6.5 |
| BIRMINGHAM | 6.3 | 6.7 | 7.3 | 98.7 | 99.0 | 99.0 | 2.3 | 9.0 | 6.0 | 5.3 | 6.0 | 6.3 | 6.3 | 6.3 | 7.0 | 7.0 | 7.7 | 6.3 | 6.5 |
| DLFPS-321/3705 | 6.7 | 7.0 | 6.3 | 98.7 | 98.7 | 99.0 | 4.7 | 6.7 | 6.0 | 5.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 7.7 | 6.0 | 6.5 |
| GRO-PRO (SE53D2) | 6.3 | 7.0 | 6.3 | 98.7 | 99.0 | 99.0 | 4.7 | 7.7 | 6.0 | 5.0 | 6.0 | 7.3 | 6.3 | 6.7 | 7.0 | 7.0 | 7.3 | 5.7 | 6.5 |
| LIFEGUARD | 7.0 | 7.3 | 6.0 | 98.7 | 99.0 | 99.0 | 4.0 | 8.0 | 5.7 | 5.7 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 6.0 | 6.5 |
| PST-5BYOB | 6.7 | 7.7 | 6.7 | 98.7 | 99.0 | 99.0 | 2.0 | 8.3 | 5.7 | 5.3 | 6.3 | 6.7 | 6.7 | 6.3 | 6.7 | 7.0 | 7.3 | 6.3 | 6.5 |
| PST-5GLBS | 6.7 | 7.7 | 6.7 | 98.7 | 99.0 | 99.0 | 3.7 | 8.0 | 6.0 | 5.7 | 6.3 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 6.0 | 6.5 |
| PST-5GQ | 6.0 | 7.0 | 6.3 | 98.0 | 99.0 | 98.7 | 4.3 | 8.0 | 5.7 | 5.7 | 6.7 | 6.7 | 6.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.0 | 6.5 |
| RHL2 | 6.7 | 7.0 | 5.0 | 98.7 | 99.0 | 99.0 | 2.7 | 6.3 | 6.7 | 5.0 | 6.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.5 |
| SETFM3 | 7.0 | 7.0 | 6.7 | 99.0 | 99.0 | 99.0 | 5.0 | 7.7 | 6.7 | 5.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 7.0 | 6.7 | 5.7 | 6.5 |
| TANGO | 6.3 | 7.3 | 6.7 | 98.7 | 99.0 | 99.0 | 3.3 | 8.7 | 6.7 | 5.3 | 6.3 | 6.3 | 6.3 | 6.3 | 7.3 | 7.0 | 7.3 | 6.3 | 6.5 |
| TITAN MAX (TF456) | 7.0 | 6.7 | 5.7 | 98.3 | 99.0 | 99.0 | 2.3 | 5.7 | 6.3 | 5.7 | 6.0 | 7.0 | 7.0 | 7.0 | 6.3 | 7.3 | 5.7 | 6.7 | 6.5 |
| BAR 9FE MAS | 6.3 | 7.0 | 6.0 | 99.0 | 99.0 | 99.0 | 3.0 | 7.7 | 6.7 | 5.3 | 5.7 | 6.3 | 6.3 | 7.3 | 7.3 | 6.7 | 6.3 | 6.0 | 6.4 |
| BONFIRE (JS DTT) | 7.0 | 7.0 | 6.3 | 99.0 | 99.0 | 99.0 | 2.7 | 7.7 | 6.3 | 5.3 | 6.3 | 7.0 | 7.0 | 7.3 | 6.7 | 6.3 | 6.0 | 6.0 | 6.4 |
| DLFPS-321/3679 | 7.0 | 7.3 | 5.7 | 98.7 | 99.0 | 99.0 | 3.3 | 6.7 | 6.0 | 5.3 | 6.3 | 6.7 | 7.0 | 6.3 | 6.7 | 6.7 | 6.3 | 6.7 | 6.4 |
| ESTRENA | 6.0 | 7.0 | 7.3 | 98.3 | 99.0 | 99.0 | 5.3 | 8.0 | 6.3 | 5.7 | 6.0 | 7.0 | 6.0 | 6.7 | 6.7 | 6.7 | 7.3 | 6.0 | 6.4 |
| FAYETTE | 6.3 | 7.3 | 6.3 | 99.0 | 99.0 | 99.0 | 4.0 | 8.3 | 6.7 | 5.3 | 6.0 | 6.3 | 6.3 | 6.3 | 7.0 | 7.0 | 7.3 | 6.3 | 6.4 |
| PALOMAR | 6.7 | 7.0 | 7.7 | 98.0 | 99.0 | 99.0 | 4.3 | 8.7 | 6.0 | 5.3 | 5.7 | 7.0 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 6.4 |
| PST-5DZM | 6.7 | 7.3 | 5.7 | 99.0 | 99.0 | 99.0 | 7.3 | 7.7 | 6.0 | 5.3 | 6.3 | 6.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.3 | 6.4 |
| 5LSS | 6.0 | 7.0 | 5.0 | 99.0 | 99.0 | 99.0 | 3.7 | 6.3 | 6.3 | 5.7 | 6.3 | 7.3 | 6.0 | 7.0 | 5.7 | 7.0 | 6.3 | 5.3 | 6.3 |
| BAR-FA8230 | 6.7 | 7.0 | 6.3 | 98.3 | 99.0 | 99.0 | 3.7 | 6.3 | 6.0 | 5.3 | 6.0 | 6.3 | 6.7 | 6.3 | 6.3 | 6.7 | 7.7 | 5.7 | 6.3 |
| ESCALADE | 6.0 | 7.0 | 7.3 | 99.0 | 99.0 | 99.0 | 5.3 | 8.7 | 6.3 | 5.7 | 6.3 | 6.3 | 6.0 | 6.0 | 6.7 | 6.7 | 7.3 | 5.7 | 6.3 |
| MONUMENT (PST-5SQB) | 6.0 | 7.3 | 6.3 | 98.7 | 99.0 | 99.0 | 5.7 | 8.3 | 5.3 | 5.3 | 5.7 | 6.3 | 6.0 | 6.3 | 6.7 | 6.3 | 7.7 | 6.0 | 6.3 |
| MOONDANCE GLX | 6.3 | 6.7 | 7.3 | 99.0 | 99.0 | 99.0 | 6.0 | 8.7 | 5.7 | 5.3 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.7 | 8.0 | 6.3 | 6.3 |
| PST-5E6 | 6.7 | 7.3 | 5.7 | 98.7 | 99.0 | 99.0 | 5.0 | 7.7 | 5.7 | 5.7 | 6.7 | 7.0 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 5.3 | 6.3 |
| PST-5THM | 6.0 | 7.0 | 7.0 | 99.0 | 99.0 | 99.0 | 5.3 | 7.7 | 5.7 | 5.7 | 6.3 | 6.3 | 6.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.0 | 6.3 |
| SE5STAR | 6.7 | 7.3 | 7.3 | 99.0 | 99.0 | 99.0 | 4.3 | 7.3 | 6.0 | 5.7 | 6.0 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 | 7.0 | 5.3 | 6.3 |
| ATF1768 | 6.7 | 7.0 | 6.7 | 99.0 | 99.0 | 99.0 | 2.0 | 5.7 | 6.0 | 5.3 | 6.3 | 7.3 | 6.7 | 6.3 | 6.3 | 6.0 | 6.3 | 5.3 | 6.2 |
| PPG-TF 312 | 6.3 | 7.3 | 5.0 | 99.0 | 99.0 | 99.0 | 4.7 | 5.7 | 5.7 | 5.0 | 5.0 | 7.3 | 6.3 | 7.0 | 6.7 | 7.0 | 6.0 | 5.3 | 6.2 |
| PST-5TRN | 5.7 | 7.3 | 6.3 | 98.7 | 99.0 | 99.0 | 4.0 | 7.7 | 6.0 | 5.3 | 5.7 | 6.3 | 5.7 | 6.3 | 6.3 | 7.3 | 7.0 | 5.7 | 6.2 |
| PRO GOLD | 6.3 | 7.3 | 7.0 | 98.7 | 99.0 | 99.0 | 6.0 | 7.0 | 5.0 | 5.3 | 6.0 | 6.7 | 6.3 | 6.3 | 6.0 | 6.7 | 6.7 | 5.3 | 6.1 |
| BAR FA 8228 | 5.7 | 7.0 | 6.7 | 98.3 | 99.0 | 99.0 | 4.7 | 8.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.7 | 6.0 | 6.3 | 5.7 | 6.7 | 5.7 | 6.0 |
| GRAND PRIX (FC15-01P) | 6.0 | 7.0 | 7.3 | 98.3 | 99.0 | 99.0 | 3.3 | 8.0 | 6.3 | 5.3 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.7 | 5.3 | 6.0 |
| OG-WALK | 6.0 | 6.7 | 8.0 | 98.7 | 99.0 | 99.0 | 3.0 | 8.0 | 7.0 | 5.3 | 5.3 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.3 | 5.8 |
| KENTUCKY-31 | 2.7 | 4.0 | 9.0 | 93.3 | 97.0 | 98.7 | 1.7 | 7.0 | 3.0 | 3.0 | 3.0 | 3.3 | 2.7 | 2.7 | 3.3 | 3.0 | 3.0 | 3.0 | 3.0 |
| LSD VALUE | 1.0 | 0.8 | 1.2 | 0.9 | 0.3 | 0.5 | 7.4 | 3.6 | 1.3 | 1.1 | 1.0 | 0.9 | 1.0 | 1.0 | 1.6 | 1.0 | 1.4 | 1.7 | 0.4 |
| C.V. (%) | 8.7 | 5.8 | 11.3 | 0.5 | 0.2 | 0.1 | 57.0 | 20.3 | 10.2 | 9.2 | 8.5 | 7.5 | 8.7 | 8.0 | 10.5 | 8.2 | 10.3 | 12.2 | 3.9 |

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

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

TABLE 23.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|-------------------------------|------------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| PST-5MCMO | 5 | 8.0 | 6.3 | 8.0 | 7.0 | 8.0 | 7.7 | 7.0 | 7.3 | 7.7 | 7.7 | 7.7 | 8.0 | 8.0 | 8.0 | 7.7 |
| AVENGER III (PPG-TF 308) | 5 | 8.3 | 6.0 | 6.7 | 6.3 | 7.3 | 6.0 | 6.7 | 8.0 | 8.0 | 7.7 | 7.7 | 8.0 | 8.0 | 8.0 | 7.4 |
| DLFPS-321/3706 | 5 | 9.0 | 5.3 | 7.0 | 7.7 | 7.3 | 8.3 | 6.3 | 7.7 | 6.7 | 7.0 | 7.7 | 8.0 | 7.7 | 7.7 | 7.4 |
| DLFPS-321/3708 | 5 | 8.0 | 6.3 | 7.3 | 6.7 | 7.0 | 8.0 | 7.7 | 7.0 | 7.7 | 7.3 | 7.3 | 7.7 | 7.7 | 7.3 | 7.4 |
| RHL2 | 5 | 8.3 | 6.3 | 7.3 | 7.7 | 7.3 | 5.7 | 6.7 | 7.3 | 8.3 | 8.0 | 7.7 | 7.7 | 8.0 | 7.7 | 7.4 |
| ZION (BAR TF 134) | 5 | 8.3 | 6.7 | 7.7 | 6.0 | 7.3 | 7.3 | 7.3 | 6.7 | 7.0 | 7.3 | 7.7 | 8.0 | 8.0 | 8.0 | 7.4 |
| BAR FA 8228 | 5 | 8.0 | 6.0 | 7.7 | 5.3 | 7.3 | 8.0 | 7.7 | 5.3 | 8.0 | 7.3 | 7.7 | 7.7 | 7.7 | 7.3 | 7.3 |
| BGR-TF3 | 5 | 8.0 | 6.3 | 7.7 | 7.0 | 7.0 | 7.7 | 6.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.7 | 7.7 | 7.3 | 7.3 |
| COL-TF-148 | 5 | 8.0 | 7.3 | 7.0 | 7.0 | 7.3 | 8.0 | 7.3 | 7.7 | 7.0 | 6.7 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 |
| DLFPS-321/3695 | 5 | 8.7 | 6.7 | 7.0 | 6.3 | 7.7 | 8.3 | 7.3 | 4.0 | 7.7 | 7.7 | 7.7 | 8.0 | 8.0 | 8.0 | 7.3 |
| DLFPS-321/3699 | 5 | 8.7 | 6.7 | 7.0 | 7.0 | 6.7 | 7.7 | 6.7 | 7.7 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.3 | 7.3 |
| DLFPS-321/3705 | 5 | 8.0 | 5.7 | 7.0 | 6.7 | 7.3 | 7.3 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 8.0 | 8.0 | 7.7 | 7.3 |
| FIRECRACKER G-LS (PPG-TF 315) | 5 | 8.3 | 7.3 | 7.3 | 6.3 | 5.7 | 8.0 | 7.3 | 6.0 | 7.3 | 7.7 | 7.7 | 8.0 | 8.0 | 7.7 | 7.3 |
| FIREHAWK SLT | 5 | 8.7 | 6.3 | 7.7 | 7.3 | 6.3 | 8.0 | 7.3 | 6.3 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.3 | 7.3 |
| HEMI | 5 | 8.3 | 5.7 | 7.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7.3 | 7.3 | 8.0 | 8.0 | 7.7 | 7.3 |
| K18-WB1 | 5 | 8.3 | 6.7 | 7.7 | 6.0 | 6.7 | 7.0 | 6.7 | 6.3 | 7.3 | 7.7 | 8.0 | 8.3 | 8.0 | 8.0 | 7.3 |
| PPG-TF 257 | 5 | 8.0 | 6.3 | 7.3 | 8.0 | 7.7 | 7.3 | 6.3 | 7.3 | 6.3 | 6.7 | 7.0 | 8.0 | 8.0 | 7.3 | 7.3 |
| PRO GOLD | 5 | 8.0 | 5.7 | 7.0 | 6.7 | 6.7 | 7.3 | 6.3 | 7.0 | 7.7 | 7.3 | 7.3 | 8.0 | 8.0 | 7.7 | 7.3 |
| RH1 | 5 | 8.3 | 6.7 | 8.0 | 7.3 | 8.0 | 7.7 | 6.3 | 6.0 | 6.3 | 7.0 | 7.3 | 7.7 | 7.7 | 7.7 | 7.3 |
| TANGO | 5 | 8.0 | 6.3 | 7.0 | 6.3 | 6.0 | 6.7 | 7.3 | 7.3 | 8.0 | 7.7 | 7.3 | 8.0 | 8.0 | 7.3 | 7.3 |
| TANK (PPG-TF 338) | 5 | 8.3 | 6.7 | 8.0 | 6.7 | 6.3 | 8.0 | 6.0 | 7.7 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.7 | 7.3 |
| TITAN GLX (TF445) | 5 | 8.0 | 6.7 | 8.0 | 7.0 | 6.7 | 8.0 | 7.0 | 6.7 | 7.3 | 7.0 | 7.0 | 7.3 | 8.0 | 7.3 | 7.3 |
| AH2 | 5 | 9.0 | 7.0 | 7.7 | 7.0 | 7.0 | 8.0 | 7.3 | 7.3 | 6.7 | 7.0 | 6.7 | 7.0 | 7.3 | 7.0 | 7.2 |
| DEGAS (LTP-TF-111) | 5 | 8.3 | 6.7 | 7.7 | 6.0 | 7.0 | 8.3 | 7.3 | 7.0 | 7.3 | 6.7 | 7.0 | 7.3 | 7.3 | 7.0 | 7.2 |
| DRAGSTER | 5 | 7.7 | 7.0 | 7.7 | 5.3 | 6.7 | 7.0 | 7.3 | 7.3 | 6.3 | 7.0 | 7.3 | 8.0 | 8.0 | 8.0 | 7.2 |
| ESCALADE | 5 | 8.0 | 7.0 | 6.7 | 6.0 | 6.7 | 7.7 | 7.3 | 7.7 | 7.0 | 7.3 | 7.3 | 7.7 | 7.7 | 7.7 | 7.2 |
| K18-RS6 | 5 | 8.0 | 6.0 | 7.3 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 6.7 | 6.7 | 7.0 | 7.7 | 7.7 | 7.7 | 7.2 |
| PARAMOUNT | 5 | 8.0 | 6.0 | 7.0 | 6.3 | 6.7 | 8.3 | 6.7 | 6.0 | 7.3 | 7.0 | 7.3 | 8.0 | 8.0 | 7.7 | 7.2 |
| PPG-TF 262 | 5 | 8.0 | 7.0 | 8.0 | 7.0 | 7.0 | 6.3 | 7.3 | 7.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.7 | 7.0 | 7.2 |
| PPG-TF 306 | 5 | 8.3 | 6.0 | 7.7 | 6.0 | 6.3 | 7.0 | 6.7 | 7.0 | 6.7 | 7.3 | 7.3 | 8.0 | 8.0 | 8.0 | 7.2 |
| PST-5GLBS | 5 | 8.0 | 5.3 | 7.0 | 6.3 | 7.7 | 7.0 | 6.7 | 6.3 | 7.7 | 7.3 | 7.3 | 7.7 | 7.7 | 7.3 | 7.2 |
| RAPTOR LS (PPG-TF 336) | 5 | 8.3 | 6.3 | 8.0 | 7.3 | 6.7 | 8.7 | 7.0 | 4.7 | 6.0 | 6.7 | 7.3 | 8.0 | 8.0 | 7.7 | 7.2 |
| RS1 | 5 | 8.7 | 6.3 | 8.0 | 6.3 | 7.0 | 8.0 | 7.0 | 6.3 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 |
| SETFM2 | 5 | 8.3 | 6.3 | 7.3 | 7.0 | 7.0 | 7.7 | 6.7 | 6.3 | 7.7 | 7.3 | 7.0 | 7.3 | 7.7 | 7.3 | 7.2 |
| SPYDER 2LS (ZRC1) | 5 | 8.0 | 6.3 | 7.0 | 6.0 | 7.0 | 7.7 | 7.0 | 5.3 | 6.3 | 7.3 | 7.7 | 8.3 | 8.3 | 8.0 | 7.2 |
| TEACHER (PPG-TF 313) | 5 | 8.7 | 6.3 | 7.3 | 6.3 | 6.3 | 8.0 | 7.3 | 6.3 | 6.7 | 7.0 | 7.3 | 8.0 | 7.7 | 7.7 | 7.2 |
| TITANIUM G-LS (PPG-TF 255) | 5 | 8.3 | 7.0 | 8.0 | 6.7 | 7.0 | 8.7 | 7.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.2 |
| AST8118LM | 5 | 8.7 | 6.7 | 8.0 | 6.3 | 6.0 | 6.7 | 7.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.7 | 7.7 | 7.3 | 7.1 |
| ATF2116 | 5 | 8.0 | 6.0 | 8.0 | 5.7 | 5.7 | 8.3 | 6.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.3 | 7.1 |
| BONFIRE (JS DTT) | 5 | 8.0 | 6.7 | 8.7 | 6.0 | 6.7 | 8.0 | 7.0 | 7.3 | 6.3 | 6.3 | 7.0 | 7.3 | 7.3 | 7.0 | 7.1 |
| DLFPS-321/3703 | 5 | 8.3 | 6.3 | 7.3 | 7.3 | 7.7 | 7.7 | 6.7 | 6.0 | 6.0 | 6.7 | 7.0 | 7.7 | 7.7 | 7.3 | 7.1 |
| DLFPS-321/3707 | 5 | 8.0 | 6.3 | 7.3 | 6.3 | 7.0 | 8.3 | 7.3 | 6.3 | 6.3 | 6.7 | 7.0 | 7.3 | 7.3 | 7.3 | 7.1 |
| K18-NSE | 5 | 8.0 | 6.0 | 7.3 | 6.0 | 7.3 | 7.3 | 7.0 | 6.0 | 6.3 | 6.7 | 7.0 | 8.0 | 8.0 | 8.0 | 7.1 |
| NAI-ROS4 | 5 | 8.3 | 6.0 | 8.0 | 7.0 | 7.7 | 6.7 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 7.7 | 7.7 | 7.0 | 7.1 |
| OG-WALK | 5 | 8.0 | 5.3 | 7.3 | 6.3 | 7.3 | 7.0 | 6.0 | 5.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.1 |

TABLE 23.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
2021 DATA

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ | | | | | | | | | | | | MEAN |
|----------------------------|------------------|-------------------|-----------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| PADRE 2 | 5.0 | 8.3 | 5.3 | 7.3 | 6.3 | 7.0 | 8.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.7 | 7.7 | 7.7 | 7.1 |
| PPG-TF 337 | 5.0 | 8.0 | 6.7 | 7.0 | 6.7 | 7.3 | 6.3 | 6.0 | 6.7 | 7.3 | 7.0 | 7.3 | 8.0 | 8.0 | 7.3 | 7.1 |
| PST-5DZM | 5.0 | 8.3 | 6.3 | 7.7 | 7.3 | 7.3 | 8.0 | 7.3 | 6.7 | 6.3 | 6.7 | 6.7 | 7.3 | 7.3 | 6.7 | 7.1 |
| RAPTOR III | 5.0 | 8.7 | 6.0 | 7.7 | 6.0 | 7.3 | 8.0 | 7.0 | 7.7 | 6.3 | 6.7 | 7.0 | 7.3 | 7.3 | 7.3 | 7.1 |
| SERENADE (PPG-TF 320) | 5.0 | 8.0 | 7.0 | 8.0 | 6.7 | 7.7 | 7.3 | 7.0 | 5.3 | 7.0 | 6.7 | 7.0 | 7.3 | 7.7 | 7.0 | 7.1 |
| TMT1 | 5.0 | 8.3 | 8.0 | 7.3 | 6.7 | 6.7 | 7.3 | 5.3 | 7.7 | 7.7 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.1 |
| 5LSS | 5.0 | 8.7 | 6.7 | 7.7 | 6.0 | 7.3 | 6.7 | 6.0 | 6.0 | 7.3 | 7.3 | 7.3 | 7.7 | 7.3 | 7.3 | 7.0 |
| A-TF31 | 5.0 | 8.3 | 6.3 | 7.0 | 6.7 | 6.0 | 7.0 | 7.7 | 6.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.3 | 7.0 | 7.0 |
| BULLSEYE | 5.0 | 8.0 | 5.7 | 7.3 | 6.7 | 6.0 | 7.3 | 6.3 | 7.3 | 6.7 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 |
| COPIOUS TF | 5.0 | 8.3 | 6.3 | 7.0 | 5.3 | 6.3 | 7.7 | 6.3 | 4.7 | 7.0 | 7.3 | 7.7 | 8.3 | 8.3 | 8.0 | 7.0 |
| DLFPS-321/3679 | 5.0 | 8.7 | 6.7 | 7.7 | 5.3 | 7.3 | 8.0 | 7.3 | 6.0 | 6.7 | 6.3 | 7.0 | 7.3 | 7.7 | 7.0 | 7.0 |
| DLFPS-321/3693 | 5.0 | 8.3 | 6.7 | 8.0 | 7.3 | 6.7 | 8.3 | 7.0 | 6.0 | 5.3 | 6.0 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 |
| DLFPS-TF/3553 | 5.0 | 8.7 | 6.0 | 7.7 | 6.7 | 7.7 | 7.7 | 7.3 | 6.7 | 7.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 |
| DYNAMITE G-LS (PPG-TF 254) | 5.0 | 8.0 | 5.7 | 7.3 | 6.7 | 7.0 | 7.3 | 6.7 | 6.3 | 5.0 | 6.3 | 7.3 | 8.3 | 8.0 | 8.0 | 7.0 |
| GO-AOMK | 5.0 | 8.0 | 6.7 | 7.0 | 5.0 | 6.7 | 6.0 | 6.7 | 7.0 | 6.7 | 7.0 | 7.7 | 8.0 | 8.0 | 8.0 | 7.0 |
| GO-RH20 | 5.0 | 8.0 | 7.0 | 8.3 | 7.3 | 7.0 | 7.0 | 7.3 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 7.0 | 6.7 | 7.0 |
| JT 517 | 5.0 | 8.0 | 6.7 | 7.7 | 6.3 | 6.7 | 7.0 | 6.3 | 6.3 | 5.3 | 6.7 | 7.3 | 8.3 | 8.0 | 8.0 | 7.0 |
| NATURALLY GREEN | 5.0 | 8.0 | 6.0 | 6.0 | 6.3 | 7.0 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 |
| PPG-TF 249 | 5.0 | 8.3 | 6.3 | 6.7 | 5.7 | 6.3 | 7.0 | 6.7 | 6.7 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.7 | 7.0 |
| PPG-TF 312 | 4.7 | 8.3 | 6.7 | 7.7 | 6.3 | 6.7 | 8.0 | 5.7 | 7.0 | 6.3 | 6.7 | 6.7 | 7.7 | 7.7 | 7.7 | 7.0 |
| PST-5E6 | 5.0 | 8.3 | 6.7 | 8.0 | 6.7 | 6.3 | 7.3 | 7.3 | 6.0 | 6.0 | 6.3 | 7.0 | 7.7 | 7.7 | 7.7 | 7.0 |
| RAD-TF105 | 5.0 | 8.3 | 6.7 | 6.7 | 6.0 | 6.7 | 7.0 | 7.0 | 6.0 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.7 | 7.0 |
| RDC | 5.0 | 8.3 | 6.3 | 7.3 | 7.7 | 6.7 | 8.3 | 6.0 | 7.0 | 6.3 | 6.3 | 6.3 | 7.3 | 7.3 | 7.0 | 7.0 |
| RH3 | 5.0 | 8.7 | 6.7 | 7.7 | 5.7 | 6.7 | 7.3 | 6.7 | 6.7 | 6.3 | 6.7 | 7.3 | 7.7 | 7.7 | 7.7 | 7.0 |
| SE5STAR | 5.0 | 8.7 | 5.7 | 7.3 | 6.0 | 6.0 | 8.0 | 6.3 | 5.3 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.7 | 7.0 |
| TD2 | 5.0 | 8.3 | 7.0 | 7.0 | 7.0 | 7.0 | 8.3 | 7.0 | 7.3 | 6.7 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 7.0 |
| TRIAD (PPG-TF 323) | 5.0 | 8.7 | 6.7 | 7.0 | 5.7 | 6.0 | 6.7 | 7.3 | 6.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 8.0 | 7.0 |
| 3B2 | 5.0 | 8.0 | 6.0 | 7.7 | 7.0 | 6.3 | 7.0 | 7.0 | 6.0 | 6.7 | 6.7 | 7.0 | 7.7 | 7.3 | 7.0 | 6.9 |
| AH1 | 5.0 | 8.3 | 6.3 | 7.3 | 6.3 | 6.7 | 8.0 | 7.3 | 6.7 | 7.7 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.9 |
| BAR 9FE MAS | 5.0 | 8.0 | 6.7 | 7.7 | 6.0 | 6.3 | 7.0 | 6.7 | 7.7 | 7.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.9 |
| BAR-FA8230 | 5.0 | 8.0 | 6.7 | 7.0 | 6.7 | 6.7 | 7.3 | 7.0 | 5.3 | 7.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| BIRMINGHAM | 5.0 | 8.0 | 6.0 | 7.0 | 6.3 | 7.7 | 8.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.9 |
| BRAVO 2 | 5.0 | 8.3 | 5.7 | 7.3 | 6.7 | 6.0 | 7.3 | 6.7 | 6.0 | 6.7 | 6.7 | 7.0 | 7.3 | 7.3 | 7.3 | 6.9 |
| BULLSEYE LTZ | 5.0 | 8.7 | 6.0 | 7.7 | 6.3 | 7.0 | 6.3 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 6.9 |
| DLFPS-321/3694 | 5.0 | 9.0 | 6.7 | 7.7 | 6.7 | 7.3 | 8.3 | 6.0 | 6.3 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.9 |
| DLFPS-321/3696 | 5.0 | 8.0 | 6.0 | 7.3 | 6.3 | 7.3 | 7.0 | 6.0 | 6.7 | 7.3 | 7.0 | 6.7 | 7.0 | 7.3 | 6.7 | 6.9 |
| DLFPS-TF/3552 | 5.0 | 8.3 | 6.3 | 8.3 | 6.7 | 7.0 | 6.3 | 6.3 | 5.3 | 7.0 | 7.3 | 6.7 | 7.0 | 7.7 | 7.0 | 6.9 |
| LIFEGUARD | 5.0 | 8.3 | 7.0 | 6.7 | 6.3 | 6.3 | 6.0 | 7.3 | 6.3 | 7.3 | 7.0 | 7.0 | 7.3 | 7.7 | 7.0 | 6.9 |
| PALOMAR | 4.7 | 8.7 | 5.3 | 7.3 | 5.7 | 6.7 | 6.3 | 5.3 | 6.7 | 7.0 | 7.3 | 7.7 | 8.0 | 7.7 | 7.7 | 6.9 |
| PPG-TF 318 | 5.0 | 8.3 | 6.0 | 7.7 | 6.3 | 6.3 | 7.3 | 6.7 | 6.0 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| PST-5GQ | 5.0 | 8.7 | 7.0 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 6.7 | 7.0 | 7.3 | 7.3 | 7.0 | 6.9 |
| PST-5TRN | 5.0 | 8.0 | 6.7 | 6.7 | 7.3 | 6.7 | 6.7 | 6.3 | 5.3 | 6.0 | 6.7 | 7.3 | 8.0 | 7.7 | 7.7 | 6.9 |
| RC4 | 5.0 | 8.3 | 6.7 | 7.7 | 6.3 | 7.0 | 6.7 | 6.3 | 5.3 | 6.0 | 7.0 | 7.0 | 8.0 | 8.0 | 7.7 | 6.9 |
| TITAN MAX (TF456) | 5.0 | 8.7 | 5.3 | 7.7 | 6.7 | 6.3 | 6.7 | 7.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.3 | 7.0 | 6.9 |
| TOUGH (NAI-TUE) | 5.0 | 8.0 | 6.0 | 6.7 | 6.7 | 7.0 | 7.3 | 5.7 | 5.0 | 7.0 | 7.0 | 7.0 | 7.7 | 7.7 | 7.7 | 6.9 |

TABLE 23.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|-------------------------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| BANDIT | 5.0 | 8.3 | 6.7 | 7.7 | 6.3 | 6.7 | 7.7 | 6.7 | 5.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.3 | 7.0 | 6.8 |
| BY-TF-169 | 5.0 | 8.7 | 6.3 | 7.0 | 6.0 | 7.7 | 8.3 | 7.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.3 | 6.8 |
| DLFPS-321/3701 | 5.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 6.7 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 7.0 | 6.3 | 6.8 |
| FIRENZA II (PPG-TF 244) | 5.0 | 9.0 | 6.7 | 7.0 | 6.7 | 7.3 | 5.3 | 7.0 | 6.0 | 5.7 | 6.3 | 7.0 | 8.0 | 7.7 | 7.7 | 6.8 |
| JT 233 | 5.0 | 8.3 | 6.3 | 7.0 | 7.0 | 7.0 | 8.0 | 7.0 | 4.3 | 5.0 | 6.3 | 7.0 | 8.0 | 7.7 | 7.7 | 6.8 |
| KIZZLE (K18-ROE) | 5.0 | 8.3 | 6.7 | 7.0 | 6.0 | 6.3 | 7.0 | 7.3 | 5.3 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.8 |
| NT-3 | 5.0 | 8.7 | 6.3 | 6.3 | 5.7 | 7.3 | 7.3 | 6.7 | 5.7 | 7.0 | 6.7 | 7.0 | 7.7 | 7.7 | 7.0 | 6.8 |
| PPG-TF 267 | 5.0 | 8.3 | 7.0 | 7.7 | 6.0 | 6.7 | 5.7 | 7.0 | 5.7 | 6.7 | 7.0 | 7.0 | 7.7 | 7.7 | 7.3 | 6.8 |
| PST-5BYOB | 5.0 | 8.0 | 5.7 | 8.0 | 6.7 | 6.3 | 7.7 | 7.7 | 6.0 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.8 |
| PST-5MINK | 5.0 | 8.7 | 6.7 | 6.3 | 5.7 | 6.7 | 7.0 | 6.7 | 5.0 | 6.7 | 7.0 | 7.0 | 8.0 | 8.0 | 7.3 | 6.8 |
| SETFM3 | 5.0 | 8.3 | 6.0 | 7.3 | 6.3 | 6.0 | 6.7 | 7.0 | 4.3 | 7.3 | 7.3 | 7.0 | 7.3 | 7.7 | 7.3 | 6.8 |
| 3N1 | 5.0 | 8.0 | 6.7 | 7.7 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 |
| AST8218LM | 5.0 | 8.3 | 6.0 | 6.3 | 7.0 | 7.0 | 5.7 | 7.3 | 7.0 | 6.3 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 |
| ATF1768 | 4.7 | 8.0 | 6.3 | 7.0 | 5.0 | 6.7 | 7.3 | 6.7 | 6.7 | 6.0 | 6.7 | 6.7 | 7.3 | 7.3 | 7.3 | 6.7 |
| GLX ACED (PST-5DART) | 5.0 | 8.0 | 6.3 | 7.3 | 6.3 | 6.3 | 7.3 | 6.7 | 6.3 | 6.0 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 |
| LBF | 5.0 | 8.7 | 6.7 | 8.0 | 5.7 | 6.3 | 7.7 | 6.7 | 7.0 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 |
| NAI-FQZ-17 | 5.0 | 8.0 | 6.3 | 6.7 | 5.7 | 6.0 | 7.0 | 7.0 | 4.7 | 6.7 | 7.0 | 7.0 | 7.7 | 7.3 | 7.3 | 6.7 |
| NAI-ST5 | 5.0 | 8.7 | 5.7 | 6.7 | 6.3 | 6.7 | 6.0 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 7.3 | 7.3 | 7.3 | 6.7 |
| PPG-TF 231 | 5.0 | 7.3 | 6.3 | 8.0 | 6.3 | 6.7 | 8.3 | 5.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| PPG-TF 316 | 5.0 | 8.3 | 7.0 | 7.7 | 7.7 | 7.0 | 6.3 | 6.7 | 5.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 |
| DLFPS-321/3702 | 5.0 | 8.0 | 6.7 | 7.0 | 5.7 | 6.3 | 7.0 | 7.0 | 5.7 | 6.3 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.6 |
| FAIRFIELD (SETF104) | 5.0 | 8.3 | 6.3 | 7.0 | 5.7 | 5.7 | 6.0 | 7.0 | 6.7 | 6.0 | 6.3 | 6.3 | 7.3 | 7.3 | 7.3 | 6.6 |
| GRO-PRO (SE53D2) | 5.0 | 8.3 | 4.7 | 6.0 | 7.0 | 7.3 | 6.3 | 6.7 | 7.7 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.6 |
| MOONDANCE GLX | 5.0 | 8.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.7 | 5.3 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.6 |
| PST-5DC24 | 5.0 | 7.7 | 6.3 | 7.3 | 7.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.6 |
| PST-5THM | 5.0 | 8.3 | 6.7 | 8.0 | 6.3 | 5.7 | 6.0 | 6.0 | 5.7 | 8.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.7 | 6.6 |
| RAD-TF131 | 5.0 | 8.0 | 6.0 | 7.3 | 5.0 | 6.0 | 6.0 | 7.0 | 4.7 | 7.0 | 7.0 | 7.3 | 7.3 | 7.7 | 7.3 | 6.6 |
| TALLADEGA II (NAI-3N2) | 5.0 | 7.7 | 6.3 | 7.3 | 6.3 | 6.7 | 6.3 | 6.3 | 7.0 | 6.3 | 6.7 | 6.3 | 6.7 | 7.0 | 6.3 | 6.6 |
| KENTUCKY-31 | 5.0 | 8.3 | 5.7 | 5.7 | 6.3 | 6.0 | 5.7 | 5.7 | 6.3 | 6.3 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 6.5 |
| RAD-TF115 (TURBO SS) | 5.0 | 8.0 | 6.7 | 6.7 | 5.3 | 6.0 | 6.7 | 6.7 | 5.3 | 5.7 | 6.3 | 6.7 | 7.7 | 7.7 | 7.3 | 6.5 |
| FAYETTE | 4.7 | 8.3 | 5.0 | 7.3 | 6.3 | 7.0 | 7.3 | 7.3 | 6.0 | 5.3 | 5.7 | 6.0 | 6.3 | 6.3 | 6.0 | 6.4 |
| GALACTIC (SESCR1) | 5.0 | 8.3 | 6.7 | 7.7 | 6.7 | 6.7 | 8.0 | 7.0 | 6.7 | 6.3 | 5.7 | 5.3 | 5.3 | 5.7 | 5.3 | 6.4 |
| OKEEFE (LTP-TF-122) | 4.7 | 7.7 | 7.0 | 6.7 | 6.3 | 6.7 | 7.0 | 5.3 | 6.3 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 6.4 |
| RHF | 5.0 | 8.7 | 7.0 | 7.0 | 6.3 | 6.3 | 7.3 | 6.7 | 4.7 | 6.3 | 6.3 | 6.3 | 6.7 | 7.0 | 6.3 | 6.4 |
| SYMPHONY (PPG-TF 305) | 5.0 | 9.0 | 6.0 | 7.7 | 6.3 | 6.7 | 7.3 | 6.0 | 6.7 | 5.3 | 5.7 | 6.0 | 6.7 | 6.7 | 6.3 | 6.4 |
| XANADU (JT 268) | 4.7 | 8.3 | 6.7 | 7.0 | 4.7 | 5.3 | 7.0 | 7.0 | 5.3 | 5.3 | 6.3 | 6.3 | 7.7 | 7.7 | 7.3 | 6.4 |
| DLFPS-TF/3550 | 5.0 | 9.0 | 6.3 | 7.3 | 6.3 | 7.3 | 8.3 | 6.3 | 7.0 | 6.3 | 5.7 | 5.0 | 5.3 | 5.3 | 5.3 | 6.3 |
| GRAND PRIX (FC15-01P) | 4.7 | 7.7 | 6.0 | 7.3 | 6.3 | 6.3 | 7.7 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.0 | 6.3 |
| GRANDE 3 | 5.0 | 7.7 | 6.0 | 7.0 | 6.3 | 7.7 | 7.0 | 6.3 | 5.7 | 4.7 | 5.7 | 6.0 | 6.7 | 6.7 | 6.3 | 6.3 |
| MONUMENT (PST-5SQB) | 5.0 | 8.0 | 6.0 | 7.0 | 6.3 | 7.0 | 6.3 | 7.0 | 6.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 |
| STEALTH (PPG-TF 238) | 5.0 | 8.0 | 6.3 | 6.7 | 5.7 | 7.3 | 7.3 | 6.0 | 6.3 | 7.7 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.3 |
| ESTRENA | 5.0 | 8.3 | 5.3 | 7.0 | 6.0 | 6.7 | 5.3 | 6.3 | 6.3 | 7.0 | 6.3 | 5.7 | 6.0 | 6.0 | 6.0 | 6.2 |
| LSD VALUE | 0.7 | 1.3 | 5.0 | 4.0 | 5.9 | 5.8 | 7.1 | 7.8 | 5.3 | 5.3 | 3.6 | 4.9 | 6.0 | 5.4 | 5.7 | 2.2 |
| C.V. (%) | 2.7 | 5.7 | 14.7 | 12.0 | 17.4 | 14.9 | 19.1 | 17.0 | 21.4 | 17.9 | 12.2 | 13.5 | 14.9 | 13.5 | 14.6 | 7.1 |

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 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2018 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
 2021 DATA

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

| NAME | SPRING | SPRING | FALL | PERCENT GROUND COVER | | |
|-------------------------------|---------|---------|---------|----------------------|--------|------|
| | DENSITY | DENSITY | DENSITY | SPRING | SUMMER | FALL |
| PST-5MCMO | 6.0 | 4.3 | 7.3 | 90.7 | 64.7 | 93.3 |
| AVENGER III (PPG-TF 308) | 5.7 | 4.7 | 7.0 | 93.3 | 71.3 | 93.3 |
| DLFPS-321/3706 | 6.7 | 6.3 | 8.7 | 95.0 | 74.7 | 93.7 |
| DLFPS-321/3708 | 7.0 | 8.0 | 7.3 | 92.3 | 87.0 | 94.7 |
| RHL2 | 6.7 | 6.7 | 7.3 | 91.3 | 78.0 | 91.0 |
| ZION (BAR TF 134) | 6.0 | 5.7 | 8.0 | 92.3 | 73.3 | 93.3 |
| BAR FA 8228 | 6.0 | 6.0 | 6.7 | 91.0 | 75.3 | 91.0 |
| BGR-TF3 | 7.7 | 6.7 | 8.0 | 89.3 | 73.3 | 92.0 |
| COL-TF-148 | 5.7 | 5.0 | 6.7 | 93.3 | 67.7 | 91.0 |
| DLFPS-321/3695 | 6.7 | 6.0 | 7.7 | 94.0 | 75.7 | 93.7 |
| DLFPS-321/3699 | 6.7 | 6.3 | 7.0 | 90.7 | 72.0 | 91.7 |
| DLFPS-321/3705 | 6.3 | 6.7 | 7.7 | 94.7 | 81.3 | 93.7 |
| FIRECRACKER G-LS (PPG-TF 315) | 6.7 | 6.7 | 6.3 | 91.7 | 82.0 | 91.0 |
| FIREHAWK SLT | 7.0 | 6.0 | 6.3 | 90.7 | 73.3 | 92.0 |
| HEMI | 5.7 | 6.0 | 7.3 | 89.7 | 76.0 | 92.7 |
| K18-WB1 | 6.0 | 6.3 | 7.7 | 93.7 | 75.7 | 95.0 |
| PPG-TF 257 | 7.0 | 5.3 | 6.7 | 96.3 | 74.7 | 92.3 |
| PRO GOLD | 6.3 | 6.0 | 8.0 | 92.3 | 79.0 | 93.7 |
| RH1 | 7.0 | 5.0 | 7.0 | 95.7 | 60.3 | 93.7 |
| TANGO | 5.7 | 5.7 | 7.0 | 86.3 | 79.3 | 92.3 |
| TANK (PPG-TF 338) | 7.0 | 6.0 | 6.7 | 91.3 | 75.0 | 93.0 |
| TITAN GLX (TF445) | 5.3 | 6.3 | 6.3 | 90.7 | 73.0 | 92.7 |
| AH2 | 6.7 | 6.0 | 7.0 | 94.3 | 77.0 | 92.0 |
| DEGAS (LTP-TF-111) | 6.3 | 5.7 | 7.7 | 93.0 | 75.3 | 92.3 |
| DRAGSTER | 5.7 | 6.0 | 7.7 | 92.3 | 80.0 | 93.3 |
| ESCALADE | 6.0 | 5.0 | 8.0 | 88.7 | 70.7 | 91.7 |
| K18-RS6 | 5.7 | 5.3 | 7.3 | 93.7 | 76.0 | 91.0 |
| PARAMOUNT | 6.3 | 6.0 | 7.7 | 92.3 | 75.3 | 90.7 |
| PPG-TF 262 | 5.3 | 6.7 | 7.3 | 89.3 | 78.7 | 91.7 |
| PPG-TF 306 | 6.7 | 6.3 | 7.0 | 93.3 | 73.3 | 92.0 |
| PST-5GLBS | 6.0 | 5.0 | 6.7 | 92.3 | 71.7 | 92.3 |
| RAPTOR LS (PPG-TF 336) | 6.7 | 5.7 | 7.0 | 94.7 | 71.7 | 93.0 |
| RS1 | 6.3 | 6.3 | 6.3 | 91.7 | 78.7 | 91.7 |
| SETFM2 | 6.3 | 5.3 | 7.7 | 89.0 | 66.3 | 91.7 |
| SPYDER 2LS (ZRC1) | 6.0 | 4.7 | 7.3 | 95.0 | 67.3 | 95.3 |
| TEACHER (PPG-TF 313) | 6.3 | 6.3 | 8.7 | 93.0 | 70.7 | 94.0 |
| TITANIUM G-LS (PPG-TF 255) | 6.7 | 5.0 | 7.3 | 91.3 | 64.7 | 92.0 |
| AST8118LM | 7.7 | 6.7 | 7.3 | 88.3 | 72.3 | 92.3 |
| ATF2116 | 6.3 | 6.0 | 6.0 | 84.3 | 79.7 | 90.7 |
| BONFIRE (JS DTT) | 5.7 | 5.3 | 7.0 | 90.3 | 76.3 | 90.0 |
| DLFPS-321/3703 | 6.7 | 6.0 | 7.3 | 91.7 | 75.7 | 93.3 |
| DLFPS-321/3707 | 6.7 | 6.0 | 7.3 | 92.3 | 71.3 | 93.7 |
| K18-NSE | 5.7 | 5.3 | 7.7 | 93.0 | 74.0 | 94.3 |
| NAI-ROS4 | 7.0 | 5.7 | 7.3 | 93.0 | 63.0 | 91.0 |
| OG-WALK | 6.3 | 6.7 | 6.3 | 88.0 | 77.3 | 89.0 |

TABLE 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2018 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
 2021 DATA

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

| NAME | SPRING | SPRING | FALL | PERCENT GROUND COVER | | |
|----------------------------|---------|---------|---------|----------------------|--------|------|
| | DENSITY | DENSITY | DENSITY | SPRING | SUMMER | FALL |
| PADRE 2 | 6.3 | 6.0 | 7.7 | 91.0 | 69.7 | 92.3 |
| PPG-TF 337 | 4.7 | 3.7 | 7.7 | 92.3 | 68.7 | 91.7 |
| PST-5DZM | 6.7 | 3.7 | 7.7 | 87.3 | 58.3 | 93.7 |
| RAPTOR III | 7.3 | 6.0 | 7.3 | 91.0 | 71.7 | 91.0 |
| SERENADE (PPG-TF 320) | 6.0 | 5.7 | 5.7 | 91.0 | 78.3 | 86.3 |
| TMT1 | 6.7 | 5.0 | 6.7 | 92.7 | 75.3 | 90.7 |
| 5LSS | 6.3 | 6.3 | 6.3 | 92.0 | 74.0 | 92.3 |
| A-TF31 | 7.7 | 5.7 | 7.3 | 86.7 | 68.3 | 89.3 |
| BULLSEYE | 7.3 | 5.7 | 7.7 | 86.3 | 69.7 | 92.7 |
| COPIOUS TF | 5.7 | 5.3 | 7.0 | 85.0 | 70.7 | 93.7 |
| DLFPS-321/3679 | 7.0 | 5.7 | 7.0 | 92.7 | 68.0 | 94.0 |
| DLFPS-321/3693 | 6.7 | 5.7 | 7.3 | 95.3 | 73.3 | 94.0 |
| DLFPS-TF/3553 | 6.7 | 6.7 | 6.3 | 90.7 | 74.0 | 91.0 |
| DYNAMITE G-LS (PPG-TF 254) | 6.3 | 6.3 | 8.0 | 92.3 | 73.7 | 93.7 |
| GO-AOMK | 7.0 | 5.3 | 7.7 | 87.7 | 62.0 | 94.3 |
| GO-RH20 | 6.0 | 5.7 | 7.3 | 93.0 | 59.7 | 90.3 |
| JT 517 | 6.3 | 6.3 | 7.0 | 91.0 | 68.0 | 92.3 |
| NATURALLY GREEN | 7.3 | 6.7 | 8.0 | 91.3 | 74.0 | 90.3 |
| PPG-TF 249 | 6.3 | 6.7 | 8.0 | 89.0 | 77.7 | 92.7 |
| PPG-TF 312 | 5.3 | 3.7 | 7.0 | 94.3 | 70.3 | 91.7 |
| PST-5E6 | 6.7 | 4.0 | 6.3 | 89.7 | 66.0 | 93.7 |
| RAD-TF105 | 6.7 | 7.0 | 8.3 | 92.3 | 76.7 | 92.3 |
| RDC | 5.7 | 5.3 | 7.0 | 93.0 | 64.3 | 90.7 |
| RH3 | 7.3 | 4.7 | 7.7 | 90.0 | 66.3 | 94.3 |
| SE5STAR | 5.7 | 4.3 | 7.3 | 87.3 | 63.3 | 92.7 |
| TD2 | 6.7 | 6.7 | 7.3 | 95.3 | 79.7 | 89.7 |
| TRIAD (PPG-TF 323) | 7.0 | 6.7 | 6.7 | 92.0 | 78.7 | 92.7 |
| 3B2 | 5.3 | 5.3 | 8.0 | 89.3 | 70.0 | 92.3 |
| AH1 | 6.0 | 6.3 | 6.3 | 91.3 | 83.0 | 90.0 |
| BAR 9FE MAS | 6.3 | 4.7 | 7.3 | 86.0 | 79.3 | 91.3 |
| BAR-FA8230 | 5.7 | 5.3 | 7.0 | 87.3 | 69.7 | 86.3 |
| BIRMINGHAM | 6.7 | 6.0 | 7.0 | 89.3 | 70.3 | 89.3 |
| BRAVO 2 | 6.3 | 6.3 | 7.0 | 83.0 | 79.3 | 92.3 |
| BULLSEYE LTZ | 5.7 | 5.3 | 6.3 | 92.3 | 68.3 | 93.0 |
| DLFPS-321/3694 | 7.0 | 7.0 | 8.0 | 95.0 | 81.7 | 93.3 |
| DLFPS-321/3696 | 7.0 | 7.0 | 7.7 | 92.7 | 79.7 | 91.7 |
| DLFPS-TF/3552 | 6.7 | 6.3 | 7.3 | 89.7 | 76.7 | 92.7 |
| LIFEGUARD | 6.3 | 5.3 | 6.3 | 89.7 | 72.0 | 92.0 |
| PALOMAR | 6.0 | 3.7 | 8.0 | 85.7 | 60.7 | 93.0 |
| PPG-TF 318 | 6.7 | 4.7 | 7.7 | 91.3 | 62.7 | 93.0 |
| PST-5GQ | 6.3 | 5.7 | 7.0 | 89.0 | 79.3 | 93.0 |
| PST-5TRN | 6.0 | 4.3 | 6.7 | 89.0 | 60.7 | 92.3 |
| RC4 | 6.0 | 5.7 | 6.7 | 92.0 | 72.0 | 93.3 |
| TITAN MAX (TF456) | 7.7 | 5.3 | 5.7 | 91.7 | 57.3 | 90.0 |
| TOUGH (NAI-TUE) | 6.3 | 6.0 | 8.0 | 86.7 | 70.0 | 93.7 |

TABLE 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2018 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
2021 DATA

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

| NAME | TURFGRASS QUALITY | | | PERCENT GROUND COVER | | |
|-------------------------|-------------------|----------------|--------------|----------------------|--------|------|
| | SPRING DENSITY | SPRING DENSITY | FALL DENSITY | SPRING | SUMMER | FALL |
| BANDIT | 7.0 | 6.7 | 7.0 | 83.7 | 71.3 | 85.7 |
| BY-TF-169 | 7.0 | 5.3 | 7.3 | 94.7 | 68.7 | 91.7 |
| DLFPS-321/3701 | 5.3 | 5.7 | 6.7 | 89.3 | 78.7 | 93.0 |
| FIRENZA II (PPG-TF 244) | 6.0 | 4.3 | 6.0 | 92.3 | 68.7 | 92.7 |
| JT 233 | 7.7 | 5.0 | 8.0 | 90.0 | 62.3 | 94.7 |
| KIZZLE (K18-ROE) | 6.0 | 5.3 | 6.7 | 92.0 | 77.0 | 90.7 |
| NT-3 | 6.7 | 6.7 | 7.3 | 91.3 | 76.7 | 93.7 |
| PPG-TF 267 | 6.3 | 5.3 | 6.3 | 90.7 | 68.3 | 92.0 |
| PST-5BYOB | 6.0 | 5.0 | 5.0 | 86.0 | 65.7 | 86.7 |
| PST-5MINK | 7.3 | 5.0 | 7.0 | 90.7 | 62.0 | 93.3 |
| SETFM3 | 7.7 | 5.7 | 7.0 | 87.7 | 66.3 | 93.0 |
| 3N1 | 5.7 | 5.7 | 6.3 | 90.3 | 74.7 | 88.0 |
| AST8218LM | 7.3 | 7.0 | 7.0 | 85.3 | 74.0 | 93.0 |
| ATF1768 | 6.3 | 5.0 | 7.0 | 88.7 | 73.0 | 91.3 |
| GLX ACED (PST-5DART) | 6.0 | 4.3 | 5.3 | 90.0 | 81.0 | 90.7 |
| LBF | 6.7 | 5.7 | 6.3 | 93.7 | 68.0 | 92.3 |
| NAI-FQZ-17 | 5.3 | 5.0 | 6.0 | 88.0 | 74.0 | 89.7 |
| NAI-ST5 | 7.0 | 5.7 | 6.7 | 87.3 | 62.3 | 91.7 |
| PPG-TF 231 | 5.0 | 5.3 | 6.3 | 94.0 | 69.0 | 87.0 |
| PPG-TF 316 | 7.0 | 4.3 | 7.3 | 92.0 | 57.0 | 92.3 |
| DLFPS-321/3702 | 6.0 | 5.7 | 6.3 | 90.3 | 70.7 | 94.7 |
| FAIRFIELD (SETF104) | 7.0 | 4.3 | 6.3 | 88.7 | 56.0 | 92.3 |
| GRO-PRO (SE53D2) | 7.7 | 5.3 | 7.3 | 88.7 | 57.3 | 93.3 |
| MOONDANCE GLX | 7.0 | 5.0 | 6.0 | 88.3 | 61.0 | 90.0 |
| PST-5DC24 | 5.7 | 6.3 | 6.3 | 87.0 | 74.0 | 90.3 |
| PST-5THM | 7.0 | 6.0 | 6.7 | 89.3 | 80.0 | 92.3 |
| RAD-TF131 | 6.7 | 5.0 | 6.3 | 84.7 | 72.7 | 92.3 |
| TALLADEGA II (NAI-3N2) | 6.7 | 6.3 | 7.0 | 85.0 | 74.0 | 90.7 |
| KENTUCKY-31 | 5.3 | 3.3 | 8.0 | 87.7 | 64.0 | 95.0 |
| RAD-TF115 (TURBO SS) | 6.3 | 5.7 | 6.7 | 88.3 | 66.3 | 91.3 |
| FAYETTE | 5.3 | 4.0 | 5.0 | 92.0 | 53.0 | 88.0 |
| GALACTIC (SESCR1) | 7.0 | 7.0 | 6.0 | 92.7 | 73.0 | 83.7 |
| OKEEFE (LTP-TF-122) | 5.3 | 4.0 | 6.3 | 93.3 | 62.7 | 88.0 |
| RHF | 5.7 | 6.0 | 6.3 | 89.7 | 74.0 | 91.3 |
| SYMPHONY (PPG-TF 305) | 7.3 | 4.7 | 5.7 | 91.3 | 64.7 | 92.3 |
| XANADU (JT 268) | 6.3 | 4.0 | 5.7 | 87.0 | 65.3 | 91.3 |
| DLFPS-TF/3550 | 8.0 | 6.0 | 5.3 | 90.7 | 66.3 | 88.3 |
| GRAND PRIX (FC15-01P) | 6.0 | 4.7 | 6.7 | 86.3 | 63.7 | 91.7 |
| GRANDE 3 | 6.0 | 6.0 | 6.0 | 96.0 | 64.7 | 83.3 |
| MONUMENT (PST-5SQB) | 5.7 | 5.3 | 6.7 | 84.7 | 67.7 | 92.7 |
| STEALTH (PPG-TF 238) | 6.0 | 5.7 | 6.3 | 91.0 | 75.0 | 91.3 |
| ESTRENA | 6.7 | 5.3 | 7.3 | 87.3 | 69.7 | 94.0 |
| LSD VALUE | 2.8 | 4.3 | 5.5 | 8.8 | 76.9 | 18.0 |
| C.V. (%) | 15.3 | 23.7 | 17.7 | 4.3 | 17.9 | 4.1 |

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 24.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT LOGAN, UT 1/
2021 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|----------------------------|------------------|-------------------|-----------------|-------------------|-------------------|------------|-----|-----|-----|-----|-----|-----|------|
| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SUMMER DENSITY | COLOR NOVEMBER | UNIFORMITY | MAY | JUN | JUL | AUG | SEP | OCT | |
| RHL2 | 5.0 | 3.0 | 5.3 | 7.0 | 6.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.7 | 7.0 | 7.0 | 7.2 |
| 5LSS | 4.3 | 3.3 | 6.7 | 7.7 | 5.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 7.1 |
| AH1 | 5.0 | 3.3 | 4.7 | 7.0 | 5.3 | 6.7 | 7.3 | 7.0 | 7.0 | 6.7 | 7.7 | 6.7 | 7.1 |
| K18-NSE | 4.7 | 3.7 | 5.7 | 7.3 | 5.3 | 6.7 | 7.0 | 7.3 | 7.0 | 7.0 | 7.3 | 6.7 | 7.1 |
| RH3 | 4.7 | 4.0 | 4.3 | 7.0 | 5.7 | 7.3 | 7.0 | 7.3 | 7.3 | 6.7 | 7.7 | 6.7 | 7.1 |
| AH2 | 5.0 | 3.3 | 5.0 | 7.0 | 5.7 | 7.0 | 6.7 | 7.0 | 6.7 | 7.0 | 7.7 | 7.0 | 7.0 |
| DLFPS-TF/3552 | 5.0 | 3.3 | 4.7 | 7.0 | 5.3 | 6.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7.7 | 6.7 | 7.0 |
| RHF | 4.7 | 3.3 | 5.0 | 7.7 | 5.7 | 7.3 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 |
| TRIAD (PPG-TF 323) | 5.0 | 3.3 | 5.0 | 7.0 | 5.3 | 7.3 | 7.3 | 7.3 | 7.0 | 6.7 | 7.3 | 6.3 | 7.0 |
| DEGAS (LTP-TF-111) | 5.0 | 4.0 | 4.7 | 7.0 | 5.3 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 6.3 | 6.9 |
| DLFPS-321/3706 | 5.0 | 3.3 | 5.3 | 7.3 | 5.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 6.3 | 6.9 |
| K18-RS6 | 5.0 | 3.3 | 5.0 | 7.0 | 5.3 | 7.3 | 7.7 | 7.7 | 6.7 | 6.3 | 7.0 | 6.3 | 6.9 |
| PPG-TF 312 | 5.0 | 3.7 | 5.7 | 7.7 | 5.7 | 6.7 | 7.3 | 7.0 | 6.3 | 6.7 | 7.3 | 7.0 | 6.9 |
| RAPTOR LS (PPG-TF 336) | 5.0 | 3.3 | 4.7 | 7.3 | 5.7 | 6.7 | 7.3 | 7.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.9 |
| SPYDER 2LS (ZRC1) | 5.0 | 3.0 | 5.0 | 7.3 | 5.3 | 6.3 | 7.3 | 7.0 | 6.3 | 6.3 | 7.7 | 6.7 | 6.9 |
| TD2 | 5.0 | 3.0 | 5.0 | 7.0 | 5.7 | 7.0 | 7.0 | 7.3 | 7.0 | 6.7 | 7.3 | 6.3 | 6.9 |
| TITANIUM G-LS (PPG-TF 255) | 5.0 | 4.0 | 5.0 | 7.0 | 5.0 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 6.3 | 6.9 |
| XANADU (JT 268) | 5.0 | 3.7 | 4.3 | 7.0 | 5.7 | 6.7 | 7.3 | 7.0 | 7.3 | 6.7 | 7.0 | 6.3 | 6.9 |
| ZION (BAR TF 134) | 5.0 | 3.3 | 5.0 | 7.0 | 5.7 | 6.7 | 7.0 | 7.3 | 6.3 | 7.0 | 7.3 | 6.3 | 6.9 |
| BONFIRE (JS DTT) | 5.3 | 4.0 | 4.7 | 7.0 | 5.7 | 7.0 | 7.3 | 7.3 | 6.7 | 6.3 | 7.0 | 6.3 | 6.8 |
| BY-TF-169 | 5.3 | 3.7 | 4.7 | 7.0 | 5.0 | 6.3 | 7.0 | 7.3 | 6.3 | 6.3 | 7.0 | 6.7 | 6.8 |
| COL-TF-148 | 4.7 | 3.7 | 4.7 | 7.3 | 4.7 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.8 |
| DLFPS-321/3695 | 5.0 | 3.7 | 5.3 | 7.0 | 5.3 | 7.0 | 7.3 | 7.3 | 6.7 | 6.0 | 7.0 | 6.3 | 6.8 |
| DLFPS-321/3702 | 5.3 | 3.7 | 4.7 | 7.0 | 4.7 | 6.7 | 7.3 | 7.0 | 6.7 | 6.3 | 7.0 | 6.3 | 6.8 |
| DLFPS-321/3707 | 5.0 | 3.7 | 5.0 | 7.0 | 5.3 | 6.7 | 7.3 | 7.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.8 |
| DLFPS-321/3708 | 6.3 | 3.3 | 4.7 | 7.0 | 5.3 | 7.0 | 7.3 | 6.7 | 6.7 | 6.3 | 7.3 | 6.3 | 6.8 |
| FIREHAWK SLT | 5.0 | 3.7 | 5.0 | 7.0 | 5.0 | 6.7 | 7.3 | 7.0 | 6.7 | 6.3 | 7.0 | 6.3 | 6.8 |
| FIRENZA II (PPG-TF 244) | 5.0 | 3.7 | 5.0 | 7.0 | 5.3 | 6.7 | 7.3 | 7.0 | 6.3 | 6.3 | 7.3 | 6.3 | 6.8 |
| GALACTIC (SESCR1) | 5.0 | 3.0 | 4.3 | 7.0 | 6.0 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 6.7 | 6.8 |
| NAI-ST5 | 5.3 | 3.7 | 5.0 | 7.0 | 5.3 | 6.7 | 7.7 | 7.0 | 6.3 | 6.3 | 7.0 | 6.3 | 6.8 |
| PPG-TF 262 | 5.0 | 4.0 | 4.7 | 7.0 | 5.3 | 7.0 | 7.3 | 7.0 | 6.0 | 6.7 | 7.3 | 6.3 | 6.8 |
| PPG-TF 267 | 5.0 | 3.0 | 4.3 | 7.3 | 5.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 7.0 | 6.8 |
| PPG-TF 316 | 5.7 | 3.7 | 4.3 | 7.0 | 5.7 | 6.7 | 7.3 | 7.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.8 |
| RC4 | 5.0 | 3.0 | 5.0 | 7.0 | 6.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 6.7 | 6.8 |
| RDC | 5.0 | 3.3 | 4.3 | 7.3 | 6.0 | 6.7 | 7.3 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.8 |
| RS1 | 5.0 | 3.7 | 5.0 | 7.0 | 6.0 | 6.3 | 6.7 | 7.3 | 6.3 | 6.7 | 7.7 | 6.3 | 6.8 |
| SERENADE (PPG-TF 320) | 5.0 | 3.7 | 4.7 | 7.0 | 5.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.8 |
| SYMPHONY (PPG-TF 305) | 4.7 | 3.3 | 5.0 | 7.0 | 5.0 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 7.3 | 6.0 | 6.8 |
| TANK (PPG-TF 338) | 5.0 | 4.0 | 4.7 | 7.0 | 5.0 | 7.0 | 7.3 | 7.3 | 6.7 | 6.3 | 7.0 | 6.0 | 6.8 |
| TEACHER (PPG-TF 313) | 4.7 | 4.0 | 5.3 | 7.3 | 5.3 | 7.0 | 7.0 | 7.3 | 6.0 | 6.7 | 7.3 | 6.7 | 6.8 |
| TITAN MAX (TF456) | 5.0 | 3.0 | 5.0 | 7.3 | 5.0 | 7.0 | 7.0 | 7.3 | 6.7 | 6.3 | 7.0 | 6.3 | 6.8 |
| AVENGER III (PPG-TF 308) | 5.0 | 3.3 | 5.0 | 7.0 | 5.7 | 7.0 | 7.0 | 7.3 | 6.7 | 6.0 | 7.0 | 6.3 | 6.7 |
| BULLSEYE LTZ | 5.0 | 3.3 | 5.0 | 7.0 | 5.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 6.0 | 6.7 |
| DLFPS-321/3693 | 5.0 | 3.3 | 5.3 | 7.0 | 5.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 6.3 | 6.7 |
| DLFPS-321/3694 | 5.0 | 3.3 | 4.7 | 7.0 | 5.7 | 7.3 | 7.3 | 6.7 | 6.3 | 6.3 | 7.0 | 6.3 | 6.7 |

TABLE 24.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT LOGAN, UT 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SUMMER DENSITY | COLOR NOVEMBER | UNIFORMITY | MAY | JUN | QUALITY RATINGS | | | | MEAN |
|-------------------------------|------------------|-------------------|-----------------|-------------------|-------------------|------------|-----|-----|-----------------|-----|-----|-----|------|
| | | | | | | | | | JUL | AUG | SEP | OCT | |
| DLFPS-321/3696 | 6.0 | 3.0 | 5.0 | 7.0 | 4.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 7.0 | 6.3 | 6.7 |
| DLFPS-321/3701 | 5.0 | 3.7 | 4.7 | 7.0 | 5.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 6.3 | 6.7 |
| DLFPS-321/3703 | 5.0 | 3.7 | 5.0 | 7.0 | 5.0 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 6.0 | 6.7 |
| DLFPS-TF/3553 | 5.0 | 3.0 | 5.0 | 7.0 | 5.7 | 7.0 | 7.3 | 7.0 | 6.3 | 6.0 | 7.0 | 6.3 | 6.7 |
| DRAGSTER | 4.7 | 3.3 | 4.7 | 7.0 | 5.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.0 | 7.3 | 6.7 | 6.7 |
| DYNAMITE G-LS (PPG-TF 254) | 5.0 | 3.7 | 5.3 | 7.3 | 5.3 | 7.0 | 7.3 | 7.0 | 6.7 | 6.0 | 7.0 | 6.3 | 6.7 |
| FAIRFIELD (SETF104) | 5.0 | 3.0 | 4.3 | 7.0 | 4.7 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 6.3 | 6.7 |
| FIRECRACKER G-LS (PPG-TF 315) | 5.7 | 3.3 | 5.0 | 7.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 6.3 | 6.7 |
| GO-RH20 | 5.0 | 3.3 | 4.3 | 7.3 | 5.3 | 7.0 | 7.0 | 7.3 | 6.7 | 6.0 | 6.7 | 6.3 | 6.7 |
| HEMI | 5.0 | 3.0 | 4.3 | 6.7 | 4.7 | 6.7 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 6.3 | 6.7 |
| K18-WB1 | 5.0 | 3.7 | 5.0 | 7.0 | 5.7 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.7 |
| NAI-ROS4 | 5.0 | 3.0 | 4.7 | 7.0 | 5.3 | 6.7 | 7.0 | 7.3 | 6.3 | 6.3 | 7.0 | 6.3 | 6.7 |
| NT-3 | 5.0 | 3.7 | 5.3 | 7.0 | 5.3 | 7.0 | 7.0 | 6.7 | 6.3 | 6.3 | 7.3 | 6.3 | 6.7 |
| OKEEFE (LTP-TF-122) | 5.0 | 3.7 | 4.7 | 7.0 | 4.7 | 6.7 | 7.3 | 7.0 | 6.3 | 6.3 | 7.0 | 6.3 | 6.7 |
| PPG-TF 249 | 4.7 | 3.3 | 5.0 | 7.0 | 5.0 | 7.0 | 7.3 | 7.0 | 6.3 | 6.3 | 7.0 | 6.0 | 6.7 |
| PPG-TF 257 | 5.0 | 3.7 | 5.3 | 7.0 | 5.7 | 7.0 | 7.3 | 7.0 | 6.3 | 6.3 | 7.0 | 6.3 | 6.7 |
| PPG-TF 306 | 5.0 | 3.3 | 5.0 | 7.0 | 5.0 | 6.7 | 7.0 | 7.3 | 6.7 | 6.0 | 7.0 | 6.3 | 6.7 |
| PPG-TF 318 | 5.0 | 3.0 | 4.3 | 7.0 | 5.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.0 | 7.0 | 6.3 | 6.7 |
| PPG-TF 337 | 5.3 | 3.7 | 5.0 | 7.0 | 5.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 6.3 | 6.7 |
| PST-5E6 | 5.0 | 3.3 | 4.0 | 6.7 | 5.0 | 6.3 | 7.3 | 7.0 | 7.0 | 6.3 | 6.3 | 6.0 | 6.7 |
| PST-5TRN | 5.0 | 2.7 | 5.0 | 6.3 | 5.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.0 | 7.0 | 6.3 | 6.7 |
| RAPTOR III | 5.0 | 3.0 | 4.3 | 6.7 | 5.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 6.0 | 6.7 |
| RH1 | 5.3 | 3.0 | 4.7 | 7.0 | 5.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 6.3 | 6.7 |
| TALLADEGA II (NAI-3N2) | 5.0 | 3.0 | 5.0 | 7.0 | 4.3 | 7.0 | 7.3 | 7.3 | 6.0 | 6.0 | 7.0 | 6.3 | 6.7 |
| DLFPS-321/3699 | 5.3 | 3.7 | 4.7 | 7.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.0 | 6.6 |
| DLFPS-321/3705 | 5.0 | 3.0 | 4.3 | 7.0 | 5.7 | 7.3 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | 6.3 | 6.6 |
| DLFPS-TF/3550 | 5.0 | 3.3 | 4.3 | 7.0 | 4.7 | 7.0 | 7.0 | 7.3 | 6.0 | 6.0 | 7.0 | 6.3 | 6.6 |
| GLX ACED (PST-5DART) | 5.0 | 3.3 | 4.0 | 7.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.0 | 6.3 | 6.7 | 6.3 | 6.6 |
| GRANDE 3 | 5.3 | 3.7 | 4.7 | 7.0 | 5.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.0 | 7.0 | 6.3 | 6.6 |
| JT 233 | 5.0 | 3.3 | 5.0 | 7.0 | 4.7 | 6.7 | 7.3 | 7.0 | 6.7 | 6.0 | 6.3 | 6.0 | 6.6 |
| KIZZLE (K18-ROE) | 5.3 | 3.0 | 4.3 | 7.0 | 5.0 | 6.3 | 7.3 | 7.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.6 |
| PST-5DZM | 5.0 | 3.3 | 4.7 | 7.0 | 5.0 | 7.3 | 7.3 | 7.0 | 6.0 | 6.0 | 7.0 | 6.0 | 6.6 |
| PST-5GLBS | 5.0 | 3.7 | 5.0 | 7.0 | 5.0 | 6.0 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 6.0 | 6.6 |
| PST-5MCMO | 5.0 | 3.0 | 4.3 | 7.0 | 4.7 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 6.0 | 6.6 |
| RAD-TF105 | 5.3 | 3.0 | 4.7 | 7.0 | 4.7 | 6.3 | 7.0 | 7.0 | 6.0 | 6.3 | 7.0 | 6.0 | 6.6 |
| RAD-TF115 (TURBO SS) | 6.7 | 2.7 | 5.3 | 7.0 | 5.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 6.0 | 6.6 |
| SETFM3 | 5.7 | 3.3 | 4.3 | 6.7 | 5.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.6 |
| TANGO | 5.7 | 3.3 | 4.0 | 7.0 | 4.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 6.3 | 6.0 | 6.6 |
| TMT1 | 5.0 | 3.3 | 4.7 | 7.0 | 5.0 | 6.7 | 7.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.6 |
| ATF2116 | 6.7 | 3.3 | 4.3 | 6.7 | 4.0 | 6.3 | 7.0 | 7.0 | 6.7 | 5.7 | 6.7 | 6.0 | 6.5 |
| BAR 9FE MAS | 5.0 | 3.3 | 4.0 | 7.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 6.0 | 6.5 |
| ESTRENA | 5.3 | 3.7 | 5.3 | 7.3 | 5.0 | 6.7 | 7.0 | 7.0 | 6.7 | 5.7 | 6.3 | 6.3 | 6.5 |
| NATURALLY GREEN | 6.3 | 3.3 | 4.0 | 6.3 | 4.7 | 5.7 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 6.0 | 6.5 |
| PST-5DC24 | 5.7 | 3.0 | 4.3 | 6.7 | 5.0 | 6.7 | 6.7 | 7.0 | 6.0 | 6.3 | 7.0 | 6.0 | 6.5 |
| STEALTH (PPG-TF 238) | 5.0 | 3.0 | 5.0 | 7.3 | 5.0 | 6.7 | 6.7 | 7.0 | 6.3 | 6.0 | 7.0 | 6.0 | 6.5 |

TABLE 24.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT LOGAN, UT 1/
2021 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SUMMER DENSITY | COLOR NOVEMBER | UNIFORMITY | MAY | JUN | QUALITY RATINGS | | | | MEAN |
|-----------------------|------------------|-------------------|-----------------|-------------------|-------------------|------------|-----|-----|-----------------|-----|-----|-----|------|
| | | | | | | | | | JUL | AUG | SEP | OCT | |
| TITAN GLX (TF445) | 5.0 | 3.3 | 4.7 | 7.3 | 4.3 | 6.3 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 6.0 | 6.5 |
| 3B2 | 5.0 | 3.7 | 4.3 | 7.0 | 4.7 | 6.7 | 7.3 | 7.0 | 6.0 | 5.7 | 6.0 | 6.3 | 6.4 |
| 3N1 | 5.0 | 3.0 | 4.0 | 7.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.3 | 5.3 | 6.7 | 6.0 | 6.4 |
| AST8218LM | 7.0 | 3.0 | 4.0 | 6.7 | 4.3 | 6.3 | 7.0 | 7.0 | 6.3 | 5.7 | 6.3 | 6.0 | 6.4 |
| ATF1768 | 5.0 | 3.0 | 4.7 | 7.0 | 4.3 | 7.0 | 7.0 | 7.0 | 6.3 | 5.7 | 6.3 | 6.3 | 6.4 |
| BANDIT | 5.7 | 3.7 | 4.7 | 7.0 | 4.7 | 6.3 | 7.0 | 6.7 | 6.3 | 5.7 | 6.7 | 6.0 | 6.4 |
| BAR FA 8228 | 5.0 | 2.7 | 4.0 | 6.7 | 4.0 | 6.0 | 7.0 | 6.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.4 |
| BAR-FA8230 | 5.0 | 3.3 | 4.3 | 6.7 | 4.7 | 6.0 | 7.0 | 7.0 | 6.3 | 6.3 | 6.3 | 5.7 | 6.4 |
| FAYETTE | 5.3 | 3.7 | 4.7 | 7.0 | 5.0 | 6.7 | 7.0 | 6.7 | 6.0 | 6.0 | 6.7 | 6.0 | 6.4 |
| GO-AOMK | 6.0 | 3.0 | 5.0 | 6.7 | 4.0 | 6.3 | 7.0 | 6.7 | 6.3 | 6.0 | 6.7 | 6.0 | 6.4 |
| LIFEGUARD | 5.0 | 4.0 | 4.7 | 7.0 | 5.0 | 6.3 | 7.0 | 7.0 | 6.3 | 5.7 | 6.7 | 6.0 | 6.4 |
| PADRE 2 | 5.0 | 3.0 | 4.3 | 7.0 | 4.7 | 6.7 | 7.0 | 7.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.4 |
| PARAMOUNT | 5.3 | 4.0 | 4.7 | 7.0 | 5.0 | 7.3 | 7.0 | 7.0 | 6.0 | 5.7 | 6.7 | 6.3 | 6.4 |
| PPG-TF 231 | 5.3 | 3.7 | 5.0 | 7.0 | 5.0 | 7.0 | 7.3 | 7.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.4 |
| PST-5GQ | 5.0 | 3.0 | 4.3 | 7.0 | 4.7 | 6.3 | 6.7 | 6.7 | 6.0 | 6.3 | 6.7 | 6.0 | 6.4 |
| SETFM2 | 6.7 | 3.0 | 4.3 | 6.3 | 5.0 | 6.3 | 7.0 | 6.7 | 6.3 | 5.7 | 6.7 | 6.0 | 6.4 |
| BRAVO 2 | 5.0 | 3.0 | 4.0 | 6.7 | 4.7 | 6.0 | 7.0 | 7.0 | 6.3 | 5.7 | 6.3 | 5.7 | 6.3 |
| BULLSEYE | 5.3 | 3.3 | 4.7 | 7.0 | 4.3 | 7.0 | 7.0 | 7.0 | 6.0 | 5.7 | 6.3 | 6.0 | 6.3 |
| COPIOUS TF | 5.3 | 2.7 | 5.0 | 7.0 | 4.7 | 6.3 | 6.7 | 6.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 |
| DLFPS-321/3679 | 5.0 | 3.3 | 4.7 | 7.0 | 4.7 | 6.3 | 7.0 | 6.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 |
| GRO-PRO (SE53D2) | 4.7 | 3.0 | 4.0 | 6.7 | 4.7 | 6.0 | 7.0 | 7.0 | 6.3 | 5.3 | 6.0 | 6.0 | 6.3 |
| JT 517 | 5.7 | 3.0 | 4.3 | 6.3 | 4.3 | 6.0 | 6.7 | 6.7 | 6.0 | 6.0 | 6.7 | 6.0 | 6.3 |
| LBF | 5.7 | 3.3 | 4.7 | 7.0 | 4.7 | 6.3 | 7.0 | 6.3 | 6.3 | 6.0 | 6.7 | 5.7 | 6.3 |
| MONUMENT (PST-5SQB) | 5.0 | 3.0 | 4.3 | 7.0 | 4.7 | 7.0 | 7.0 | 6.7 | 6.0 | 5.7 | 6.3 | 6.0 | 6.3 |
| PRO GOLD | 5.0 | 3.0 | 4.3 | 6.3 | 4.3 | 6.7 | 6.7 | 7.0 | 6.3 | 5.7 | 6.3 | 5.7 | 6.3 |
| PST-5MINK | 5.0 | 2.7 | 4.3 | 7.0 | 4.7 | 6.3 | 7.0 | 6.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 |
| PST-5THM | 4.7 | 3.7 | 4.3 | 6.7 | 4.7 | 6.3 | 7.0 | 7.0 | 6.0 | 5.7 | 6.3 | 5.7 | 6.3 |
| RAD-TF131 | 6.0 | 3.0 | 5.3 | 6.7 | 4.7 | 6.3 | 6.3 | 6.7 | 6.0 | 6.3 | 6.7 | 6.0 | 6.3 |
| SE5STAR | 5.0 | 2.7 | 4.3 | 7.0 | 4.0 | 6.3 | 7.3 | 7.0 | 6.0 | 5.7 | 6.3 | 5.3 | 6.3 |
| A-TF31 | 6.0 | 3.0 | 5.0 | 7.0 | 4.3 | 6.3 | 6.3 | 6.7 | 6.0 | 6.0 | 6.7 | 5.7 | 6.2 |
| AST8118LM | 6.7 | 3.7 | 4.7 | 6.7 | 4.3 | 6.3 | 6.7 | 6.7 | 6.0 | 5.3 | 6.3 | 6.0 | 6.2 |
| GRAND PRIX (FC15-01P) | 5.3 | 3.3 | 4.0 | 6.0 | 4.0 | 6.0 | 6.7 | 7.0 | 6.0 | 5.7 | 6.0 | 5.7 | 6.2 |
| MOONDANCE GLX | 5.0 | 3.0 | 4.0 | 6.3 | 5.0 | 5.7 | 6.7 | 7.0 | 5.7 | 6.0 | 6.3 | 5.7 | 6.2 |
| PST-5BYOB | 5.0 | 3.3 | 4.0 | 6.3 | 4.3 | 6.0 | 7.0 | 7.0 | 6.0 | 5.7 | 5.7 | 5.7 | 6.2 |
| TOUGH (NAI-TUE) | 5.3 | 3.3 | 4.3 | 7.0 | 4.7 | 6.7 | 7.0 | 6.7 | 6.3 | 5.7 | 6.0 | 5.7 | 6.2 |
| BGR-TF3 | 6.0 | 2.7 | 4.0 | 6.7 | 4.7 | 6.0 | 7.0 | 6.7 | 5.7 | 5.7 | 6.0 | 5.3 | 6.1 |
| ESCALADE | 5.0 | 3.3 | 4.0 | 6.7 | 4.7 | 6.0 | 7.0 | 7.0 | 6.0 | 5.7 | 5.7 | 5.0 | 6.1 |
| NAI-FQZ-17 | 5.3 | 3.3 | 4.0 | 6.3 | 4.0 | 6.3 | 6.7 | 7.0 | 6.0 | 5.3 | 6.0 | 5.7 | 6.1 |
| OG-WALK | 5.0 | 3.0 | 3.7 | 6.0 | 4.0 | 5.7 | 6.7 | 6.7 | 6.0 | 5.3 | 6.0 | 5.7 | 6.1 |
| BIRMINGHAM | 5.3 | 3.7 | 4.7 | 6.7 | 4.7 | 6.3 | 6.7 | 6.7 | 6.0 | 5.0 | 6.0 | 5.7 | 6.0 |
| PALOMAR | 4.7 | 3.3 | 4.0 | 6.3 | 4.0 | 5.3 | 7.0 | 6.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 |
| KENTUCKY-31 | 3.0 | 4.3 | 3.0 | 5.0 | 3.3 | 5.3 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.0 | 5.7 |
| LSL VALUE | 0.7 | 1.1 | 0.8 | 0.7 | 0.9 | 1.0 | 1.1 | 1.4 | 1.2 | 1.0 | 0.8 | 0.8 | 0.4 |
| C.V. (%) | 7.9 | 14.2 | 9.9 | 5.2 | 10.1 | 7.5 | 5.3 | 5.6 | 7.6 | 8.3 | 6.6 | 6.9 | 3.5 |

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

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

TABLE 25. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
 2021 DATA

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

| NAME | SPRING GREENUP | MAY | JUN | QUALITY RATINGS | | | | MEAN |
|-------------------------------|-------------------|-----|-----|-----------------|-----|-----|-----|------|
| | | | | JUL | AUG | SEP | OCT | |
| ZION (BAR TF 134) | 5.0 | 7.0 | 6.7 | 5.3 | 5.7 | 7.0 | 6.7 | 6.4 |
| PPG-TF 249 | 3.3 | 7.0 | 6.7 | 5.7 | 5.0 | 7.3 | 6.0 | 6.3 |
| PPG-TF 306 | 3.7 | 7.0 | 7.0 | 5.7 | 5.3 | 6.7 | 6.3 | 6.3 |
| PPG-TF 316 | 3.7 | 7.3 | 6.7 | 5.7 | 5.3 | 6.7 | 6.3 | 6.3 |
| RHF | 4.0 | 7.0 | 6.7 | 5.3 | 5.3 | 7.0 | 6.3 | 6.3 |
| SPYDER 2LS (ZRC1) | 3.3 | 7.0 | 6.7 | 6.0 | 5.0 | 7.0 | 6.0 | 6.3 |
| 5LSS | 3.3 | 7.0 | 6.7 | 4.7 | 5.0 | 7.0 | 6.7 | 6.2 |
| AH1 | 4.0 | 7.0 | 6.7 | 5.0 | 5.0 | 7.3 | 6.3 | 6.2 |
| FIREHAWK SLT | 3.3 | 7.0 | 6.3 | 5.3 | 5.0 | 7.0 | 6.3 | 6.2 |
| GALACTIC (SESCR1) | 4.0 | 7.0 | 6.3 | 4.7 | 5.7 | 7.0 | 6.3 | 6.2 |
| PPG-TF 337 | 3.3 | 7.0 | 6.7 | 5.0 | 5.7 | 6.7 | 6.3 | 6.2 |
| RAPTOR LS (PPG-TF 336) | 3.3 | 7.3 | 6.7 | 5.0 | 5.3 | 6.7 | 6.0 | 6.2 |
| SYMPHONY (PPG-TF 305) | 3.3 | 7.0 | 6.7 | 5.7 | 5.0 | 6.7 | 6.0 | 6.2 |
| XANADU (JT 268) | 3.7 | 7.3 | 6.7 | 5.7 | 5.0 | 6.7 | 6.0 | 6.2 |
| DRAGSTER | 4.3 | 7.0 | 6.0 | 5.3 | 5.0 | 7.0 | 6.3 | 6.1 |
| DYNAMITE G-LS (PPG-TF 254) | 3.7 | 7.0 | 6.3 | 5.0 | 5.7 | 6.7 | 6.0 | 6.1 |
| K18-NSE | 4.7 | 7.0 | 6.0 | 4.7 | 5.7 | 7.0 | 6.3 | 6.1 |
| PPG-TF 257 | 3.3 | 7.0 | 6.7 | 5.0 | 5.0 | 6.7 | 6.0 | 6.1 |
| PPG-TF 262 | 3.7 | 7.0 | 6.3 | 5.0 | 5.3 | 6.7 | 6.0 | 6.1 |
| PPG-TF 312 | 4.0 | 7.3 | 6.0 | 4.7 | 5.0 | 7.3 | 6.3 | 6.1 |
| RC4 | 3.3 | 7.0 | 6.7 | 5.3 | 4.7 | 6.7 | 6.3 | 6.1 |
| RHL2 | 4.3 | 7.0 | 6.0 | 4.3 | 5.3 | 6.7 | 7.0 | 6.1 |
| STEALTH (PPG-TF 238) | 3.7 | 7.0 | 6.3 | 5.3 | 5.3 | 6.3 | 6.0 | 6.1 |
| 3N1 | 3.3 | 7.0 | 6.7 | 5.0 | 5.0 | 6.3 | 6.0 | 6.0 |
| BANDIT | 3.3 | 6.7 | 6.3 | 5.7 | 5.3 | 6.3 | 5.7 | 6.0 |
| BULLSEYE LTZ | 3.7 | 7.0 | 6.3 | 5.0 | 5.0 | 6.7 | 6.0 | 6.0 |
| BY-TF-169 | 4.0 | 7.0 | 6.0 | 4.3 | 5.7 | 7.0 | 6.0 | 6.0 |
| DLFPS-321/3705 | 3.3 | 7.0 | 6.3 | 4.7 | 5.3 | 6.7 | 6.0 | 6.0 |
| GO-RH20 | 4.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.7 | 6.0 | 6.0 |
| NAI-ROS4 | 4.3 | 7.0 | 6.0 | 4.7 | 5.3 | 7.0 | 6.0 | 6.0 |
| PPG-TF 267 | 3.3 | 7.0 | 6.7 | 4.7 | 5.0 | 6.7 | 6.0 | 6.0 |
| RDC | 3.7 | 7.0 | 6.7 | 4.7 | 5.3 | 6.3 | 6.0 | 6.0 |
| TEACHER (PPG-TF 313) | 4.3 | 7.0 | 6.3 | 4.0 | 5.0 | 7.0 | 6.7 | 6.0 |
| TRIAD (PPG-TF 323) | 3.7 | 7.0 | 6.3 | 4.7 | 5.3 | 6.7 | 6.0 | 6.0 |
| BONFIRE (JS DTT) | 3.3 | 7.0 | 6.7 | 4.3 | 5.0 | 6.7 | 6.0 | 5.9 |
| COPIOUS TF | 3.7 | 6.7 | 7.0 | 5.0 | 5.3 | 6.0 | 5.3 | 5.9 |
| DEGAS (LTP-TF-111) | 4.0 | 7.0 | 6.3 | 4.3 | 5.0 | 6.7 | 6.0 | 5.9 |
| DLFPS-321/3706 | 4.0 | 7.0 | 6.7 | 4.0 | 5.0 | 6.3 | 6.3 | 5.9 |
| DLFPS-321/3708 | 3.3 | 7.3 | 6.3 | 4.3 | 4.7 | 6.7 | 6.0 | 5.9 |
| FAIRFIELD (SETF104) | 3.7 | 7.0 | 6.0 | 5.3 | 5.0 | 6.3 | 6.0 | 5.9 |
| FIRECRACKER G-LS (PPG-TF 315) | 4.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.3 | 5.7 | 5.9 |
| FIRENZA II (PPG-TF 244) | 3.3 | 7.0 | 6.7 | 5.0 | 4.7 | 6.3 | 6.0 | 5.9 |
| GRANDE 3 | 4.3 | 7.0 | 6.0 | 4.3 | 5.3 | 6.7 | 6.0 | 5.9 |
| K18-RS6 | 4.3 | 7.0 | 6.0 | 4.3 | 5.3 | 7.0 | 6.0 | 5.9 |
| K18-WB1 | 4.3 | 7.0 | 6.3 | 4.3 | 5.0 | 7.0 | 6.0 | 5.9 |

TABLE 25. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
2021 DATA

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

| NAME | QUALITY RATINGS | | | | | | | MEAN |
|----------------------------|-------------------|-----|-----|-----|-----|-----|-----|------|
| | SPRING GREENUP | MAY | JUN | JUL | AUG | SEP | OCT | |
| KIZZLE (K18-ROE) | 4.3 | 7.0 | 6.7 | 5.0 | 5.0 | 6.0 | 6.0 | 5.9 |
| PADRE 2 | 4.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.3 | 6.0 | 5.9 |
| PPG-TF 231 | 4.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.3 | 6.0 | 5.9 |
| PRO GOLD | 3.7 | 7.0 | 6.7 | 5.0 | 4.3 | 6.3 | 6.0 | 5.9 |
| PST-5E6 | 4.0 | 7.0 | 6.3 | 5.3 | 5.0 | 6.0 | 6.0 | 5.9 |
| PST-5MCMO | 3.3 | 7.0 | 6.3 | 5.0 | 4.7 | 6.7 | 6.0 | 5.9 |
| PST-5MINK | 4.0 | 7.0 | 6.0 | 4.3 | 5.3 | 6.7 | 6.0 | 5.9 |
| RS1 | 4.0 | 7.0 | 6.0 | 4.3 | 5.0 | 6.7 | 6.3 | 5.9 |
| TALLADEGA II (NAI-3N2) | 4.3 | 7.0 | 6.7 | 4.7 | 5.0 | 6.3 | 6.0 | 5.9 |
| TD2 | 4.3 | 7.0 | 6.3 | 4.7 | 5.3 | 6.3 | 6.0 | 5.9 |
| TITANIUM G-LS (PPG-TF 255) | 3.7 | 7.0 | 6.7 | 4.3 | 5.0 | 6.3 | 6.0 | 5.9 |
| AH2 | 3.7 | 7.0 | 6.0 | 4.0 | 5.0 | 6.7 | 6.3 | 5.8 |
| AVENGER III (PPG-TF 308) | 3.7 | 6.7 | 6.0 | 4.7 | 5.0 | 6.7 | 6.0 | 5.8 |
| DLFPS-321/3702 | 4.0 | 7.0 | 6.0 | 3.7 | 5.3 | 7.0 | 6.0 | 5.8 |
| DLFPS-TF/3550 | 3.3 | 7.0 | 6.3 | 4.7 | 4.7 | 6.3 | 5.7 | 5.8 |
| HEMI | 3.7 | 7.0 | 6.3 | 4.3 | 5.0 | 6.3 | 5.7 | 5.8 |
| LIFEGUARD | 4.0 | 7.0 | 6.3 | 4.7 | 5.0 | 6.0 | 6.0 | 5.8 |
| NAI-ST5 | 4.0 | 7.0 | 6.0 | 4.7 | 5.0 | 6.3 | 6.0 | 5.8 |
| OKEEFE (LTP-TF-122) | 4.0 | 7.0 | 6.0 | 4.0 | 5.3 | 6.3 | 6.0 | 5.8 |
| PPG-TF 318 | 4.3 | 7.0 | 6.3 | 4.7 | 5.0 | 6.0 | 6.0 | 5.8 |
| PST-5BYOB | 4.0 | 7.0 | 6.3 | 5.0 | 4.7 | 6.0 | 6.0 | 5.8 |
| PST-5DC24 | 3.0 | 6.7 | 6.7 | 5.0 | 4.7 | 6.3 | 5.7 | 5.8 |
| PST-5DZM | 3.3 | 7.0 | 6.3 | 4.3 | 4.7 | 6.3 | 6.0 | 5.8 |
| RAD-TF105 | 4.0 | 7.0 | 6.3 | 4.3 | 5.0 | 6.3 | 5.7 | 5.8 |
| RAD-TF131 | 3.3 | 6.3 | 6.3 | 5.0 | 5.0 | 6.0 | 6.0 | 5.8 |
| RH3 | 4.0 | 7.3 | 6.0 | 4.3 | 4.3 | 7.0 | 5.7 | 5.8 |
| TANGO | 3.7 | 7.0 | 6.0 | 5.3 | 5.0 | 6.0 | 5.7 | 5.8 |
| TANK (PPG-TF 338) | 4.0 | 7.0 | 6.3 | 4.3 | 4.7 | 6.7 | 6.0 | 5.8 |
| TITAN GLX (TF445) | 4.0 | 7.0 | 6.0 | 4.3 | 5.0 | 6.7 | 6.0 | 5.8 |
| TOUGH (NAI-TUE) | 3.7 | 7.0 | 6.3 | 4.7 | 4.7 | 6.0 | 6.0 | 5.8 |
| BRAVO 2 | 4.0 | 7.0 | 6.0 | 4.7 | 4.7 | 5.7 | 6.0 | 5.7 |
| COL-TF-148 | 4.0 | 7.3 | 6.0 | 4.0 | 4.3 | 6.7 | 5.7 | 5.7 |
| DLFPS-321/3679 | 3.3 | 7.0 | 6.3 | 4.7 | 4.3 | 6.0 | 5.7 | 5.7 |
| DLFPS-321/3695 | 4.3 | 6.7 | 6.7 | 4.3 | 4.7 | 6.0 | 6.0 | 5.7 |
| DLFPS-321/3701 | 3.3 | 7.0 | 6.0 | 4.0 | 4.7 | 6.3 | 6.0 | 5.7 |
| DLFPS-TF/3552 | 4.0 | 7.0 | 6.3 | 4.3 | 4.7 | 6.0 | 6.0 | 5.7 |
| DLFPS-TF/3553 | 3.7 | 7.0 | 6.0 | 4.3 | 4.3 | 6.7 | 6.0 | 5.7 |
| ESTRENA | 3.0 | 7.0 | 6.0 | 4.3 | 4.7 | 6.0 | 6.0 | 5.7 |
| GRO-PRO (SE53D2) | 3.7 | 6.7 | 6.3 | 4.7 | 5.0 | 6.0 | 5.7 | 5.7 |
| MONUMENT (PST-5SQB) | 4.0 | 6.3 | 6.3 | 4.0 | 4.7 | 6.7 | 6.0 | 5.7 |
| NT-3 | 4.0 | 6.7 | 6.3 | 4.3 | 4.3 | 6.7 | 6.0 | 5.7 |
| PST-5GLBS | 3.7 | 7.0 | 5.7 | 4.7 | 4.7 | 6.3 | 5.7 | 5.7 |
| PST-5GQ | 3.0 | 6.7 | 6.3 | 5.0 | 4.7 | 6.0 | 5.7 | 5.7 |
| SERENADE (PPG-TF 320) | 4.7 | 6.7 | 6.3 | 4.0 | 5.3 | 6.0 | 6.0 | 5.7 |
| SETFM3 | 4.0 | 6.7 | 6.0 | 4.7 | 5.0 | 6.7 | 5.3 | 5.7 |

TABLE 25. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2018 NATIONAL TALL FESCUE TEST GROWN UNDER DROUGHT STRESS AT LOGAN, UT 1/
 2021 DATA

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

| NAME | QUALITY RATINGS | | | | | | | MEAN |
|-----------------------|-------------------|-----|------|------|------|-----|-----|------|
| | SPRING GREENUP | MAY | JUN | JUL | AUG | SEP | OCT | |
| TITAN MAX (TF456) | 3.7 | 6.7 | 6.0 | 4.3 | 5.0 | 6.0 | 6.0 | 5.7 |
| AST8218LM | 4.0 | 6.7 | 6.3 | 4.7 | 4.3 | 6.0 | 5.7 | 5.6 |
| ATF2116 | 4.0 | 7.0 | 5.7 | 4.3 | 4.7 | 5.7 | 6.0 | 5.6 |
| BIRMINGHAM | 4.3 | 6.7 | 6.0 | 4.7 | 4.3 | 6.0 | 5.7 | 5.6 |
| BULLSEYE | 4.3 | 7.0 | 6.0 | 4.7 | 4.0 | 6.0 | 6.0 | 5.6 |
| DLFPS-321/3693 | 4.3 | 7.3 | 6.0 | 3.3 | 4.3 | 6.7 | 6.0 | 5.6 |
| DLFPS-321/3699 | 4.0 | 6.7 | 6.0 | 4.0 | 4.7 | 6.3 | 6.0 | 5.6 |
| FAYETTE | 4.7 | 6.7 | 6.0 | 3.7 | 5.0 | 6.3 | 6.0 | 5.6 |
| GLX ACED (PST-5DART) | 4.0 | 6.7 | 6.3 | 4.3 | 4.7 | 6.0 | 5.3 | 5.6 |
| JT 233 | 4.0 | 7.0 | 6.3 | 4.3 | 4.3 | 6.0 | 5.7 | 5.6 |
| NAI-FQZ-17 | 4.0 | 6.3 | 6.3 | 4.3 | 5.0 | 6.0 | 5.7 | 5.6 |
| PARAMOUNT | 4.7 | 7.0 | 6.0 | 3.7 | 4.7 | 6.3 | 5.7 | 5.6 |
| PST-5THM | 3.7 | 6.7 | 6.3 | 4.3 | 4.7 | 5.7 | 6.0 | 5.6 |
| PST-5TRN | 3.7 | 6.7 | 6.0 | 4.3 | 4.7 | 6.0 | 5.7 | 5.6 |
| RAD-TF115 (TURBO SS) | 3.7 | 6.7 | 6.3 | 4.3 | 4.3 | 6.3 | 5.3 | 5.6 |
| RH1 | 3.7 | 7.0 | 5.7 | 4.0 | 4.7 | 6.3 | 6.0 | 5.6 |
| SE5STAR | 4.0 | 6.7 | 6.0 | 3.3 | 5.0 | 6.0 | 6.0 | 5.5 |
| SETFM2 | 4.0 | 6.3 | 6.0 | 4.7 | 4.3 | 6.0 | 5.7 | 5.5 |
| 3B2 | 4.0 | 7.0 | 5.7 | 3.7 | 4.3 | 6.0 | 6.0 | 5.4 |
| A-TF31 | 3.3 | 6.7 | 6.0 | 3.7 | 4.3 | 6.3 | 5.3 | 5.4 |
| BAR 9FE MAS | 3.3 | 6.3 | 5.3 | 4.3 | 4.7 | 6.0 | 6.0 | 5.4 |
| BAR-FA8230 | 3.7 | 7.0 | 6.0 | 4.7 | 4.0 | 5.7 | 5.3 | 5.4 |
| DLFPS-321/3694 | 4.3 | 7.0 | 6.0 | 3.7 | 4.0 | 6.0 | 6.0 | 5.4 |
| DLFPS-321/3696 | 4.0 | 7.0 | 5.7 | 3.7 | 4.7 | 6.0 | 5.7 | 5.4 |
| DLFPS-321/3703 | 4.7 | 7.0 | 5.7 | 3.3 | 4.3 | 6.3 | 6.0 | 5.4 |
| DLFPS-321/3707 | 4.0 | 6.7 | 6.3 | 4.0 | 4.0 | 6.0 | 5.7 | 5.4 |
| GO-AOMK | 4.0 | 6.3 | 6.0 | 4.3 | 4.7 | 6.0 | 5.0 | 5.4 |
| JT 517 | 3.0 | 7.0 | 5.7 | 4.7 | 4.3 | 5.7 | 5.3 | 5.4 |
| LBF | 3.7 | 6.3 | 6.0 | 4.0 | 4.3 | 6.3 | 5.7 | 5.4 |
| MOONDANCE GLX | 4.3 | 6.7 | 5.7 | 3.7 | 4.7 | 6.0 | 6.0 | 5.4 |
| RAPTOR III | 4.0 | 6.7 | 6.3 | 4.0 | 4.3 | 6.0 | 5.3 | 5.4 |
| TMT1 | 3.7 | 7.0 | 6.0 | 4.0 | 4.0 | 6.0 | 5.7 | 5.4 |
| AST8118LM | 3.7 | 6.7 | 6.0 | 4.0 | 3.7 | 6.0 | 5.7 | 5.3 |
| ESCALADE | 4.0 | 6.0 | 6.0 | 4.3 | 3.7 | 6.0 | 5.7 | 5.3 |
| GRAND PRIX (FC15-01P) | 3.3 | 6.3 | 6.0 | 3.7 | 4.0 | 6.0 | 6.0 | 5.3 |
| NATURALLY GREEN | 3.7 | 6.7 | 6.0 | 4.3 | 4.3 | 5.7 | 5.0 | 5.3 |
| OG-WALK | 3.7 | 6.3 | 6.0 | 4.0 | 4.0 | 6.0 | 5.7 | 5.3 |
| ATF1768 | 3.7 | 7.0 | 6.0 | 3.3 | 3.7 | 5.7 | 5.7 | 5.2 |
| BAR FA 8228 | 3.3 | 6.0 | 5.7 | 3.7 | 5.0 | 5.7 | 5.3 | 5.2 |
| BGR-TF3 | 4.0 | 6.7 | 5.7 | 3.7 | 4.3 | 5.7 | 5.3 | 5.2 |
| KENTUCKY-31 | 4.7 | 6.0 | 5.7 | 4.3 | 4.3 | 5.3 | 5.7 | 5.2 |
| PALOMAR | 4.0 | 6.0 | 5.7 | 3.7 | 3.7 | 6.0 | 5.7 | 5.1 |
| LSD VALUE | 2.2 | 0.8 | 3.9 | 9.3 | 2.2 | 1.1 | 0.8 | 1.5 |
| C.V. (%) | 16.6 | 5.2 | 10.2 | 27.8 | 14.5 | 8.4 | 6.7 | 7.6 |

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

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

TABLE 26. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 IN THE 2018 NATIONAL TALL FESCUE TEST AT BLACKSBURG (3" MOWING HEIGHT), VA 1/
 2021 DATA

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

| NAME | BROWN PATCH | MAY | JUN | QUALITY RATINGS | | | | OCT | MEAN |
|-------------------------------|-------------|-----|-----|-----------------|-----|-----|-----|-----|------|
| | | | | JUL | AUG | SEP | | | |
| TD2 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 7.3 | 8.0 | 7.2 | |
| TITAN GLX (TF445) | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 7.2 | |
| 5LSS | 6.3 | 7.3 | 6.7 | 6.7 | 7.0 | 7.3 | 7.7 | 7.1 | |
| PPG-TF 312 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 8.0 | 7.1 | |
| BULLSEYE LTZ | 6.7 | 7.3 | 6.3 | 6.3 | 7.0 | 7.0 | 7.7 | 6.9 | |
| SERENADE (PPG-TF 320) | 6.7 | 6.5 | 6.3 | 7.3 | 7.0 | 6.7 | 7.3 | 6.9 | |
| DEGAS (LTP-TF-111) | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 7.7 | 6.8 | |
| DLFPS-321/3708 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 7.7 | 6.8 | |
| DLFPS-TF/3550 | 5.7 | 7.0 | 6.3 | 6.7 | 6.3 | 7.0 | 7.7 | 6.8 | |
| DLFPS-TF/3553 | 6.3 | 7.0 | 6.7 | 7.0 | 6.3 | 6.7 | 7.0 | 6.8 | |
| GALACTIC (SESCR1) | 6.0 | 7.0 | 6.3 | 6.3 | 6.3 | 7.0 | 7.7 | 6.8 | |
| JT 517 | 6.0 | 6.3 | 6.7 | 6.3 | 6.7 | 7.0 | 7.7 | 6.8 | |
| PPG-TF 306 | 6.3 | 6.3 | 6.7 | 6.3 | 6.0 | 7.3 | 8.0 | 6.8 | |
| TITANIUM G-LS (PPG-TF 255) | 6.0 | 7.0 | 6.3 | 6.3 | 6.3 | 7.0 | 8.0 | 6.8 | |
| BY-TF-169 | 6.7 | 6.3 | 6.3 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | |
| DLFPS-321/3706 | 5.7 | 6.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 6.7 | |
| FIRENZA II (PPG-TF 244) | 6.0 | 6.7 | 6.3 | 6.3 | 6.0 | 7.0 | 7.7 | 6.7 | |
| NAI-ST5 | 5.3 | 6.7 | 6.3 | 6.7 | 6.3 | 6.7 | 7.3 | 6.7 | |
| RHL2 | 6.3 | 6.7 | 6.3 | 6.0 | 6.7 | 7.0 | 7.3 | 6.7 | |
| SYMPHONY (PPG-TF 305) | 5.3 | 7.0 | 6.0 | 6.3 | 6.3 | 7.0 | 7.3 | 6.7 | |
| 3N1 | 5.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 7.7 | 6.6 | |
| ATF1768 | 6.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.0 | 7.3 | 6.6 | |
| BAR-FA8230 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 7.3 | 6.6 | |
| DLFPS-321/3695 | 6.0 | 6.7 | 6.7 | 6.7 | 5.7 | 6.7 | 7.3 | 6.6 | |
| DLFPS-321/3701 | 7.0 | 7.0 | 6.3 | 6.3 | 6.3 | 6.3 | 7.3 | 6.6 | |
| DLFPS-321/3702 | 6.3 | 6.0 | 6.0 | 6.7 | 6.7 | 7.0 | 7.3 | 6.6 | |
| DLFPS-321/3707 | 5.7 | 7.0 | 6.0 | 6.3 | 6.3 | 6.7 | 7.3 | 6.6 | |
| DRAGSTER | 5.7 | 7.0 | 6.0 | 6.0 | 6.3 | 6.7 | 7.3 | 6.6 | |
| FAIRFIELD (SETF104) | 6.0 | 6.0 | 6.7 | 6.3 | 6.7 | 6.3 | 7.3 | 6.6 | |
| FIRECRACKER G-LS (PPG-TF 315) | 5.7 | 6.0 | 5.7 | 6.3 | 6.3 | 7.3 | 7.7 | 6.6 | |
| GO-RH20 | 5.3 | 6.7 | 6.3 | 6.0 | 6.3 | 6.7 | 7.7 | 6.6 | |
| NAI-ROS4 | 5.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 7.7 | 6.6 | |
| OKEEFE (LTP-TF-122) | 6.3 | 6.0 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.6 | |
| PARAMOUNT | 5.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 7.7 | 6.6 | |
| PPG-TF 231 | 5.7 | 7.0 | 6.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.6 | |
| PPG-TF 262 | 5.3 | 6.7 | 6.3 | 6.7 | 6.0 | 6.7 | 7.3 | 6.6 | |
| PPG-TF 318 | 6.3 | 6.0 | 6.0 | 6.3 | 6.3 | 7.3 | 7.3 | 6.6 | |
| PPG-TF 337 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 7.0 | 7.7 | 6.6 | |
| RAPTOR LS (PPG-TF 336) | 6.7 | 5.7 | 6.0 | 6.7 | 6.7 | 7.0 | 7.7 | 6.6 | |
| RH1 | 5.3 | 6.3 | 6.0 | 6.0 | 6.3 | 6.7 | 8.0 | 6.6 | |
| RS1 | 6.3 | 5.7 | 6.7 | 6.7 | 6.0 | 7.0 | 7.7 | 6.6 | |
| TITAN MAX (TF456) | 5.3 | 6.7 | 6.3 | 6.0 | 6.0 | 7.0 | 7.3 | 6.6 | |
| TMT1 | 5.7 | 7.3 | 6.0 | 6.7 | 6.0 | 6.7 | 7.0 | 6.6 | |
| DLFPS-321/3693 | 5.7 | 6.3 | 6.0 | 6.7 | 5.7 | 6.3 | 8.0 | 6.5 | |
| DLFPS-TF/3552 | 6.0 | 6.7 | 6.7 | 6.3 | 6.0 | 6.3 | 7.0 | 6.5 | |

TABLE 26. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2018 NATIONAL TALL FESCUE TEST AT BLACKSBURG (3" MOWING HEIGHT), VA 1/
 2021 DATA

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

| NAME | BROWN PATCH | MAY | JUN | QUALITY RATINGS | | | | OCT | MEAN |
|----------------------------|-------------|-----|-----|-----------------|-----|-----|-----|-----|------|
| | | | | JUL | AUG | SEP | | | |
| DYNAMITE G-LS (PPG-TF 254) | 5.3 | 6.7 | 5.7 | 6.3 | 5.7 | 6.7 | 8.0 | 6.5 | |
| NT-3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.5 | |
| PPG-TF 316 | 6.0 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.5 | |
| SPYDER 2LS (ZRC1) | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 7.0 | 7.7 | 6.5 | |
| TRIAD (PPG-TF 323) | 6.3 | 6.0 | 5.7 | 6.7 | 6.3 | 7.0 | 7.3 | 6.5 | |
| AH2 | 5.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.3 | 7.3 | 6.4 | |
| ATF2116 | 4.7 | 6.3 | 6.0 | 6.3 | 5.7 | 6.3 | 8.0 | 6.4 | |
| AVENGER III (PPG-TF 308) | 5.0 | 6.3 | 6.3 | 6.0 | 5.7 | 6.3 | 7.7 | 6.4 | |
| BONFIRE (JS DTT) | 6.0 | 6.7 | 6.0 | 5.7 | 7.0 | 6.3 | 6.7 | 6.4 | |
| COL-TF-148 | 6.7 | 6.3 | 6.3 | 6.3 | 6.0 | 6.7 | 7.0 | 6.4 | |
| DLFPS-321/3699 | 5.7 | 5.7 | 6.3 | 6.3 | 6.3 | 6.3 | 7.7 | 6.4 | |
| PADRE 2 | 4.0 | 6.3 | 6.3 | 6.3 | 5.3 | 7.0 | 7.0 | 6.4 | |
| PPG-TF 257 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 7.0 | 7.7 | 6.4 | |
| PPG-TF 267 | 4.7 | 6.7 | 5.7 | 6.3 | 5.7 | 6.7 | 7.3 | 6.4 | |
| PST-5E6 | 6.3 | 5.0 | 6.0 | 6.7 | 6.3 | 6.7 | 7.7 | 6.4 | |
| RAPTOR III | 5.7 | 6.3 | 5.7 | 6.3 | 6.0 | 6.3 | 7.7 | 6.4 | |
| RH3 | 6.0 | 6.7 | 6.0 | 6.3 | 6.0 | 6.7 | 7.0 | 6.4 | |
| TALLADEGA II (NAI-3N2) | 5.0 | 6.7 | 6.0 | 6.0 | 6.0 | 6.3 | 7.3 | 6.4 | |
| TANK (PPG-TF 338) | 6.3 | 6.7 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.4 | |
| TEACHER (PPG-TF 313) | 5.3 | 6.7 | 6.3 | 6.7 | 5.7 | 6.3 | 6.7 | 6.4 | |
| TOUGH (NAI-TUE) | 4.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.3 | 7.3 | 6.4 | |
| ZION (BAR TF 134) | 6.3 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.4 | |
| AST8218LM | 4.3 | 6.3 | 6.0 | 6.3 | 6.3 | 5.7 | 7.3 | 6.3 | |
| DLFPS-321/3705 | 6.7 | 6.0 | 6.0 | 6.3 | 5.7 | 7.0 | 7.0 | 6.3 | |
| HEMI | 6.3 | 6.7 | 5.7 | 6.3 | 6.0 | 6.7 | 6.7 | 6.3 | |
| K18-WB1 | 5.3 | 6.3 | 5.3 | 6.0 | 6.0 | 6.7 | 7.7 | 6.3 | |
| KIZZLE (K18-ROE) | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 7.0 | 6.3 | 6.3 | |
| LIFEGUARD | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 6.7 | 7.7 | 6.3 | |
| MOONDANCE GLX | 5.3 | 6.0 | 6.3 | 6.0 | 5.7 | 6.3 | 7.3 | 6.3 | |
| PST-5TRN | 5.7 | 5.7 | 5.7 | 6.7 | 6.7 | 6.0 | 7.0 | 6.3 | |
| RAD-TF115 (TURBO SS) | 5.7 | 6.3 | 6.0 | 6.0 | 5.7 | 6.3 | 7.3 | 6.3 | |
| STEALTH (PPG-TF 238) | 5.7 | 6.0 | 6.0 | 5.7 | 5.7 | 6.7 | 7.7 | 6.3 | |
| BRAVO 2 | 4.0 | 6.3 | 6.3 | 6.0 | 5.3 | 6.3 | 6.7 | 6.2 | |
| DLFPS-321/3679 | 5.7 | 6.0 | 6.3 | 5.7 | 6.0 | 6.0 | 7.3 | 6.2 | |
| DLFPS-321/3694 | 5.3 | 6.7 | 6.0 | 6.0 | 5.3 | 6.3 | 6.7 | 6.2 | |
| K18-NSE | 6.3 | 5.7 | 5.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.2 | |
| K18-RS6 | 4.7 | 6.7 | 5.7 | 5.7 | 5.0 | 6.3 | 7.7 | 6.2 | |
| LBF | 4.3 | 5.7 | 6.3 | 6.3 | 5.7 | 6.0 | 7.0 | 6.2 | |
| PPG-TF 249 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 7.0 | 6.2 | |
| PST-5MCMO | 5.3 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.2 | |
| RDC | 5.7 | 6.3 | 5.7 | 6.3 | 6.3 | 6.0 | 6.7 | 6.2 | |
| SETFM3 | 5.0 | 6.3 | 5.7 | 6.0 | 5.7 | 6.0 | 7.7 | 6.2 | |
| 3B2 | 5.0 | 5.7 | 6.0 | 5.7 | 6.0 | 6.7 | 6.3 | 6.1 | |
| A-TF31 | 4.0 | 6.3 | 6.3 | 6.0 | 5.3 | 6.0 | 6.3 | 6.1 | |
| COPIOUS TF | 4.3 | 6.7 | 6.0 | 5.7 | 5.3 | 6.3 | 6.7 | 6.1 | |

TABLE 26. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2018 NATIONAL TALL FESCUE TEST AT BLACKSBURG (3" MOWING HEIGHT), VA 1/
2021 DATA

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

| NAME | BROWN PATCH | MAY | JUN | QUALITY RATINGS | | | OCT | MEAN |
|-----------------------|-------------|------|------|-----------------|------|------|------|------|
| | | | | JUL | AUG | SEP | | |
| DLFPS-321/3696 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 5.7 | 6.0 | 6.1 |
| DLFPS-321/3703 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.7 | 7.0 | 6.1 |
| ESTRENA | 5.0 | 5.7 | 5.7 | 6.3 | 5.7 | 6.3 | 6.7 | 6.1 |
| GLX ACED (PST-5DART) | 5.0 | 6.0 | 5.7 | 6.0 | 5.3 | 6.3 | 7.3 | 6.1 |
| GO-AOMK | 3.3 | 6.0 | 6.0 | 5.7 | 5.3 | 6.0 | 7.7 | 6.1 |
| GRANDE 3 | 5.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.3 | 6.0 | 6.1 |
| GRO-PRO (SE53D2) | 4.3 | 6.3 | 6.3 | 6.0 | 5.3 | 6.3 | 6.3 | 6.1 |
| JT 233 | 5.0 | 6.7 | 5.3 | 6.3 | 5.7 | 6.3 | 6.3 | 6.1 |
| NATURALLY GREEN | 4.0 | 6.0 | 6.3 | 6.0 | 5.3 | 5.7 | 7.0 | 6.1 |
| PST-5DC24 | 5.3 | 6.0 | 5.7 | 6.0 | 5.7 | 6.0 | 7.0 | 6.1 |
| PST-5GLBS | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 7.3 | 6.1 |
| PST-5GQ | 5.0 | 5.7 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 6.1 |
| RAD-TF131 | 4.3 | 5.7 | 6.0 | 6.0 | 5.7 | 6.7 | 6.7 | 6.1 |
| RC4 | 4.3 | 6.7 | 6.3 | 5.3 | 5.7 | 6.0 | 6.7 | 6.1 |
| XANADU (JT 268) | 4.3 | 6.0 | 5.7 | 5.7 | 5.7 | 6.7 | 7.0 | 6.1 |
| AH1 | 5.0 | 6.0 | 5.3 | 5.7 | 5.7 | 6.3 | 7.0 | 6.0 |
| NAI-FQZ-17 | 5.0 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.7 | 6.0 |
| PST-5BYOB | 4.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.3 | 7.0 | 6.0 |
| SE5STAR | 4.3 | 6.0 | 5.7 | 6.0 | 5.7 | 6.0 | 6.7 | 6.0 |
| TANGO | 4.7 | 5.7 | 6.0 | 5.7 | 5.3 | 6.0 | 7.3 | 6.0 |
| BAR 9FE MAS | 4.3 | 5.3 | 6.0 | 5.7 | 5.7 | 5.7 | 7.0 | 5.9 |
| BAR FA 8228 | 4.7 | 5.3 | 5.7 | 5.3 | 6.0 | 6.3 | 6.7 | 5.9 |
| BULLSEYE | 4.3 | 5.7 | 5.3 | 5.7 | 5.3 | 6.3 | 7.0 | 5.9 |
| FIREHAWK SLT | 5.3 | 6.3 | 5.3 | 5.3 | 6.0 | 6.3 | 6.3 | 5.9 |
| PST-5DZM | 5.3 | 5.0 | 5.3 | 5.7 | 6.0 | 6.3 | 7.3 | 5.9 |
| RHF | 6.0 | 6.0 | 5.0 | 5.7 | 6.3 | 6.3 | 6.0 | 5.9 |
| SETFM2 | 3.3 | 5.7 | 6.0 | 6.0 | 5.3 | 6.0 | 6.7 | 5.9 |
| BANDIT | 4.0 | 5.7 | 5.7 | 5.3 | 5.0 | 6.7 | 6.3 | 5.8 |
| RAD-TF105 | 4.7 | 6.3 | 5.7 | 5.3 | 5.7 | 5.7 | 6.0 | 5.8 |
| AST8118LM | 4.3 | 5.7 | 5.0 | 5.7 | 5.7 | 6.0 | 6.3 | 5.7 |
| BGR-TF3 | 4.0 | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 6.7 | 5.7 |
| ESCALADE | 4.0 | 5.7 | 6.0 | 6.3 | 5.0 | 5.3 | 6.0 | 5.7 |
| FAYETTE | 4.0 | 5.7 | 6.0 | 5.7 | 5.3 | 5.7 | 6.0 | 5.7 |
| GRAND PRIX (FC15-01P) | 4.3 | 5.7 | 5.3 | 5.3 | 5.3 | 5.7 | 7.0 | 5.7 |
| MONUMENT (PST-5SQB) | 4.7 | 5.0 | 5.7 | 5.3 | 5.3 | 6.0 | 7.0 | 5.7 |
| PRO GOLD | 4.7 | 5.0 | 5.7 | 5.3 | 5.3 | 6.3 | 6.7 | 5.7 |
| PST-5MINK | 5.0 | 5.3 | 5.7 | 5.3 | 5.0 | 6.7 | 6.0 | 5.7 |
| OG-WALK | 3.3 | 5.0 | 6.0 | 5.7 | 5.0 | 5.7 | 6.0 | 5.6 |
| PST-5THM | 5.0 | 5.0 | 6.0 | 5.7 | 5.3 | 6.3 | 5.3 | 5.6 |
| BIRMINGHAM | 5.0 | 5.7 | 5.3 | 5.0 | 5.0 | 5.0 | 6.0 | 5.3 |
| PALOMAR | 3.7 | 5.0 | 5.3 | 5.3 | 4.7 | 5.3 | 6.0 | 5.3 |
| KENTUCKY-31 | 5.0 | 3.3 | 3.7 | 3.3 | 3.7 | 3.7 | 3.7 | 3.6 |
| LSD VALUE | 2.2 | 2.0 | 3.1 | 2.1 | 1.5 | 1.5 | 1.7 | 0.9 |
| C.V. (%) | 19.5 | 13.5 | 12.3 | 12.3 | 12.0 | 10.6 | 11.6 | 7.9 |

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

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

TABLE 27.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT BLACKSBURG (1.5" MOWING HEIGHT), VA 1/
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | MEAN |
|----------------------------|--|-----|-----|-----|-----|-----|------|
| | MAY | JUN | JUL | AUG | SEP | OCT | |
| 5LSS | 6.7 | 6.3 | 6.0 | 6.7 | 6.7 | 7.7 | 6.7 |
| DLFPS-TF/3550 | 6.3 | 6.3 | 6.3 | 6.3 | 6.7 | 8.0 | 6.7 |
| BULLSEYE LTZ | 7.0 | 5.7 | 6.0 | 6.3 | 6.7 | 7.7 | 6.6 |
| DLFPS-321/3701 | 6.7 | 6.0 | 6.3 | 6.3 | 6.3 | 7.7 | 6.6 |
| PPG-TF 312 | 6.7 | 6.0 | 6.0 | 6.3 | 6.7 | 8.0 | 6.6 |
| TD2 | 6.0 | 6.3 | 6.3 | 6.3 | 6.7 | 8.0 | 6.6 |
| TITANIUM G-LS (PPG-TF 255) | 6.7 | 6.0 | 5.7 | 6.3 | 7.0 | 8.0 | 6.6 |
| BONFIRE (JS DTT) | 6.3 | 6.3 | 5.7 | 6.7 | 6.7 | 7.3 | 6.5 |
| DLFPS-321/3708 | 6.3 | 6.0 | 6.0 | 6.0 | 6.7 | 8.0 | 6.5 |
| RHL2 | 6.0 | 5.7 | 6.0 | 6.7 | 7.0 | 7.7 | 6.5 |
| RS1 | 5.7 | 6.7 | 5.7 | 6.3 | 6.7 | 8.0 | 6.5 |
| SERENADE (PPG-TF 320) | 6.0 | 5.7 | 6.3 | 6.3 | 7.0 | 7.7 | 6.5 |
| TITAN GLX (TF445) | 5.7 | 6.0 | 6.3 | 6.3 | 7.0 | 7.7 | 6.5 |
| ZION (BAR TF 134) | 6.3 | 6.0 | 6.7 | 6.0 | 6.7 | 7.3 | 6.5 |
| BAR-FA8230 | 6.0 | 6.0 | 6.3 | 6.7 | 6.0 | 7.3 | 6.4 |
| DEGAS (LTP-TF-111) | 6.3 | 5.7 | 6.3 | 6.3 | 6.3 | 7.7 | 6.4 |
| DLFPS-321/3707 | 6.3 | 6.0 | 6.0 | 5.7 | 6.7 | 7.7 | 6.4 |
| FIRENZA II (PPG-TF 244) | 6.0 | 5.7 | 6.0 | 6.0 | 6.7 | 8.0 | 6.4 |
| PPG-TF 262 | 6.3 | 6.0 | 6.0 | 6.0 | 6.7 | 7.7 | 6.4 |
| ATF1768 | 6.3 | 6.0 | 6.0 | 6.3 | 6.0 | 7.3 | 6.3 |
| BY-TF-169 | 6.0 | 6.0 | 6.7 | 5.7 | 6.7 | 7.0 | 6.3 |
| DLFPS-321/3706 | 6.3 | 5.7 | 6.0 | 6.0 | 6.7 | 7.3 | 6.3 |
| DLFPS-TF/3553 | 6.0 | 5.7 | 6.3 | 6.3 | 6.7 | 7.0 | 6.3 |
| GALACTIC (SESCR1) | 6.7 | 5.7 | 5.7 | 6.0 | 6.7 | 7.3 | 6.3 |
| GO-RH20 | 6.3 | 6.0 | 5.3 | 6.0 | 6.3 | 7.7 | 6.3 |
| JT 517 | 5.7 | 6.0 | 5.3 | 6.3 | 6.7 | 8.0 | 6.3 |
| NAI-ST5 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 7.3 | 6.3 |
| PPG-TF 231 | 6.3 | 5.7 | 5.7 | 5.7 | 7.0 | 7.3 | 6.3 |
| PPG-TF 306 | 5.3 | 6.0 | 6.0 | 6.0 | 6.7 | 8.0 | 6.3 |
| PPG-TF 316 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 7.0 | 6.3 |
| RH1 | 6.0 | 5.7 | 5.7 | 6.0 | 6.7 | 8.0 | 6.3 |
| RH3 | 6.7 | 6.0 | 5.7 | 5.7 | 6.3 | 7.3 | 6.3 |
| SPYDER 2LS (ZRC1) | 5.7 | 5.7 | 6.0 | 5.7 | 7.0 | 7.7 | 6.3 |
| SYMPHONY (PPG-TF 305) | 6.0 | 6.0 | 6.0 | 6.0 | 6.7 | 7.3 | 6.3 |
| TITAN MAX (TF456) | 6.7 | 5.3 | 5.7 | 6.0 | 6.7 | 7.3 | 6.3 |
| AH2 | 6.0 | 5.7 | 6.0 | 5.7 | 6.0 | 8.0 | 6.2 |
| DLFPS-321/3693 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 8.0 | 6.2 |
| DLFPS-321/3699 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 7.7 | 6.2 |
| DLFPS-321/3702 | 5.7 | 5.7 | 6.0 | 6.0 | 6.7 | 7.3 | 6.2 |
| DLFPS-TF/3552 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 7.3 | 6.2 |
| DRAGSTER | 5.7 | 5.7 | 5.3 | 6.3 | 6.3 | 7.7 | 6.2 |
| DYNAMITE G-LS (PPG-TF 254) | 6.7 | 5.3 | 6.0 | 5.7 | 6.3 | 7.3 | 6.2 |
| K18-RS6 | 6.0 | 6.0 | 5.3 | 5.3 | 6.7 | 7.7 | 6.2 |
| LIFEGUARD | 5.3 | 5.7 | 6.0 | 5.3 | 6.7 | 8.0 | 6.2 |
| OKEEFE (LTP-TF-122) | 5.3 | 5.7 | 5.7 | 6.3 | 7.0 | 7.0 | 6.2 |

TABLE 27.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT BLACKSBURG (1.5" MOWING HEIGHT), VA 1/
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | MEAN |
|-------------------------------|--|-----|-----|-----|-----|-----|------|
| | MAY | JUN | JUL | AUG | SEP | OCT | |
| PPG-TF 257 | 5.7 | 5.3 | 5.7 | 5.7 | 7.0 | 7.7 | 6.2 |
| PPG-TF 337 | 6.3 | 5.7 | 6.0 | 6.0 | 6.0 | 7.3 | 6.2 |
| TRIAD (PPG-TF 323) | 5.3 | 5.3 | 6.3 | 6.0 | 6.7 | 7.7 | 6.2 |
| 3N1 | 5.7 | 6.0 | 5.7 | 5.3 | 5.7 | 8.0 | 6.1 |
| AVENGER III (PPG-TF 308) | 5.3 | 5.7 | 5.7 | 5.7 | 6.3 | 7.7 | 6.1 |
| COL-TF-148 | 6.0 | 6.0 | 6.0 | 5.3 | 6.0 | 7.0 | 6.1 |
| DLFPS-321/3695 | 6.0 | 5.3 | 5.7 | 5.3 | 6.3 | 7.7 | 6.1 |
| DLFPS-321/3705 | 5.7 | 5.3 | 5.7 | 5.3 | 7.0 | 7.7 | 6.1 |
| FIRECRACKER G-LS (PPG-TF 315) | 5.7 | 5.0 | 5.7 | 6.0 | 6.7 | 7.7 | 6.1 |
| NAI-ROS4 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 7.3 | 6.1 |
| NT-3 | 6.3 | 5.7 | 5.7 | 5.7 | 6.3 | 7.0 | 6.1 |
| PARAMOUNT | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 7.7 | 6.1 |
| PPG-TF 249 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 7.0 | 6.1 |
| PPG-TF 318 | 5.3 | 5.7 | 5.3 | 6.0 | 6.7 | 7.3 | 6.1 |
| PST-5E6 | 5.0 | 5.3 | 6.0 | 6.0 | 6.3 | 7.7 | 6.1 |
| RAPTOR LS (PPG-TF 336) | 5.3 | 5.0 | 6.0 | 6.3 | 6.3 | 7.3 | 6.1 |
| SETFM3 | 6.0 | 5.3 | 6.0 | 5.7 | 6.0 | 7.7 | 6.1 |
| STEALTH (PPG-TF 238) | 5.7 | 5.7 | 5.3 | 5.3 | 6.7 | 8.0 | 6.1 |
| TMT1 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 7.7 | 6.1 |
| PPG-TF 267 | 6.0 | 5.3 | 5.7 | 5.3 | 6.3 | 7.3 | 6.0 |
| RAD-TF115 (TURBO SS) | 5.7 | 5.3 | 5.3 | 5.7 | 6.3 | 7.7 | 6.0 |
| RAPTOR III | 6.3 | 5.7 | 5.7 | 5.0 | 6.3 | 7.0 | 6.0 |
| RDC | 5.7 | 5.0 | 5.7 | 6.0 | 6.7 | 7.0 | 6.0 |
| TEACHER (PPG-TF 313) | 5.7 | 5.3 | 6.0 | 5.7 | 6.0 | 7.3 | 6.0 |
| ATF2116 | 5.7 | 5.3 | 5.3 | 5.0 | 6.3 | 8.0 | 5.9 |
| DLFPS-321/3694 | 6.0 | 5.3 | 5.7 | 5.0 | 6.3 | 7.0 | 5.9 |
| FAIRFIELD (SETF104) | 5.7 | 5.3 | 5.7 | 5.3 | 6.3 | 7.0 | 5.9 |
| K18-WB1 | 5.7 | 5.0 | 5.7 | 5.3 | 6.3 | 7.7 | 5.9 |
| PST-5DZM | 5.3 | 5.3 | 5.3 | 5.7 | 6.3 | 7.3 | 5.9 |
| RC4 | 6.0 | 5.7 | 5.3 | 5.3 | 6.0 | 7.3 | 5.9 |
| DLFPS-321/3703 | 4.7 | 5.3 | 6.0 | 5.3 | 6.3 | 7.0 | 5.8 |
| ESTRENA | 5.3 | 5.0 | 5.3 | 5.3 | 6.3 | 7.3 | 5.8 |
| GLX ACED (PST-5DART) | 5.3 | 5.7 | 5.3 | 5.0 | 6.0 | 7.7 | 5.8 |
| GRANDE 3 | 5.3 | 6.0 | 5.3 | 5.0 | 6.0 | 7.0 | 5.8 |
| HEMI | 5.7 | 5.0 | 5.3 | 5.3 | 6.7 | 7.0 | 5.8 |
| JT 233 | 5.7 | 5.0 | 6.0 | 5.0 | 6.0 | 7.0 | 5.8 |
| LBF | 5.7 | 5.7 | 5.3 | 5.3 | 5.7 | 7.0 | 5.8 |
| MOONDANCE GLX | 5.7 | 5.3 | 5.7 | 5.0 | 5.7 | 7.7 | 5.8 |
| NAI-FQZ-17 | 5.3 | 5.3 | 5.7 | 5.3 | 6.0 | 7.0 | 5.8 |
| PST-5GLBS | 5.3 | 5.3 | 5.3 | 5.3 | 6.0 | 7.7 | 5.8 |
| TANK (PPG-TF 338) | 5.3 | 5.7 | 5.7 | 5.3 | 6.3 | 6.7 | 5.8 |
| AST8218LM | 5.7 | 5.3 | 5.0 | 5.0 | 6.0 | 7.3 | 5.7 |
| BAR FA 8228 | 5.3 | 5.0 | 5.0 | 5.7 | 6.0 | 7.0 | 5.7 |
| DLFPS-321/3679 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 7.0 | 5.7 |
| FIREHAWK SLT | 5.7 | 5.3 | 5.0 | 5.3 | 6.0 | 6.7 | 5.7 |

TABLE 27.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2018 NATIONAL TALL FESCUE TEST AT BLACKSBURG (1.5" MOWING HEIGHT), VA 1/
2021 DATA

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

| NAME | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
|------------------------|------|------|------|------|------|------|------|
| K18-NSE | 5.0 | 5.0 | 5.7 | 5.3 | 6.7 | 6.7 | 5.7 |
| NATURALLY GREEN | 5.7 | 6.0 | 5.0 | 4.7 | 5.7 | 7.0 | 5.7 |
| PADRE 2 | 6.3 | 5.3 | 5.7 | 4.0 | 6.3 | 6.7 | 5.7 |
| PST-5MCMO | 5.3 | 4.7 | 5.0 | 6.0 | 6.3 | 6.7 | 5.7 |
| PST-5TRN | 4.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.7 | 5.7 |
| TALLADEGA II (NAI-3N2) | 6.0 | 4.7 | 5.0 | 5.0 | 6.0 | 7.7 | 5.7 |
| XANADU (JT 268) | 5.3 | 5.3 | 5.0 | 5.0 | 6.3 | 7.3 | 5.7 |
| 3B2 | 5.7 | 5.0 | 5.0 | 5.3 | 6.0 | 6.3 | 5.6 |
| A-TF31 | 5.3 | 6.0 | 5.0 | 5.0 | 5.7 | 6.3 | 5.6 |
| AH1 | 5.0 | 5.0 | 5.3 | 5.3 | 6.0 | 7.0 | 5.6 |
| BRAVO 2 | 6.0 | 5.0 | 5.3 | 4.7 | 5.7 | 6.7 | 5.6 |
| KIZZLE (K18-ROE) | 5.3 | 5.0 | 5.3 | 5.3 | 6.3 | 6.3 | 5.6 |
| PST-5DC24 | 5.3 | 5.0 | 5.3 | 5.3 | 5.7 | 7.0 | 5.6 |
| PST-5GQ | 4.7 | 4.7 | 5.0 | 5.7 | 6.3 | 7.0 | 5.6 |
| PST-5MINK | 5.0 | 5.3 | 5.0 | 5.0 | 6.0 | 7.0 | 5.6 |
| TANGO | 5.3 | 5.0 | 5.0 | 4.7 | 5.7 | 7.7 | 5.6 |
| DLFPS-321/3696 | 5.7 | 5.0 | 5.0 | 6.0 | 5.3 | 6.0 | 5.5 |
| FAYETTE | 5.7 | 5.3 | 5.0 | 5.0 | 5.7 | 6.3 | 5.5 |
| SETFM2 | 5.7 | 5.7 | 5.0 | 4.7 | 5.3 | 6.7 | 5.5 |
| BAR 9FE MAS | 5.0 | 5.3 | 5.0 | 5.0 | 5.3 | 7.0 | 5.4 |
| BULLSEYE | 5.3 | 5.0 | 4.7 | 4.7 | 5.7 | 7.0 | 5.4 |
| COPIOUS TF | 6.0 | 5.0 | 5.0 | 4.7 | 5.7 | 6.3 | 5.4 |
| GO-AOMK | 5.7 | 5.7 | 4.7 | 3.7 | 5.7 | 7.3 | 5.4 |
| MONUMENT (PST-5SQB) | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 6.7 | 5.4 |
| PRO GOLD | 5.0 | 5.0 | 5.0 | 4.7 | 6.3 | 6.7 | 5.4 |
| PST-5BYOB | 5.0 | 5.0 | 5.3 | 5.0 | 5.3 | 6.7 | 5.4 |
| RAD-TF131 | 4.3 | 4.5 | 5.3 | 5.0 | 6.3 | 6.3 | 5.4 |
| RHF | 5.7 | 4.3 | 5.3 | 5.3 | 6.0 | 5.7 | 5.4 |
| SE5STAR | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 5.3 | 5.4 |
| TOUGH (NAI-TUE) | 5.3 | 5.3 | 4.7 | 4.7 | 5.7 | 7.0 | 5.4 |
| GRAND PRIX (FC15-01P) | 5.0 | 4.7 | 5.0 | 4.7 | 5.7 | 7.0 | 5.3 |
| GRO-PRO (SE53D2) | 5.3 | 5.0 | 4.7 | 4.7 | 6.0 | 6.3 | 5.3 |
| RAD-TF105 | 5.0 | 4.7 | 4.7 | 5.3 | 5.7 | 6.3 | 5.3 |
| PST-5THM | 4.7 | 4.7 | 5.0 | 4.7 | 6.3 | 5.7 | 5.2 |
| AST8118LM | 4.7 | 4.7 | 4.3 | 4.3 | 5.7 | 6.7 | 5.1 |
| BANDIT | 5.0 | 4.7 | 4.7 | 4.3 | 5.3 | 6.3 | 5.1 |
| ESCALADE | 5.3 | 5.0 | 5.0 | 4.0 | 5.0 | 6.0 | 5.1 |
| BGR-TF3 | 5.0 | 5.0 | 4.7 | 4.0 | 4.7 | 6.7 | 5.0 |
| BIRMINGHAM | 5.0 | 5.0 | 4.7 | 4.0 | 5.0 | 6.3 | 5.0 |
| PALOMAR | 4.7 | 5.0 | 5.0 | 4.0 | 5.0 | 6.0 | 4.9 |
| OG-WALK | 5.0 | 5.3 | 4.7 | 4.0 | 4.3 | 5.7 | 4.8 |
| KENTUCKY-31 | 3.0 | 2.7 | 2.3 | 2.7 | 2.7 | 3.0 | 2.7 |
| LSD VALUE | 2.6 | 1.7 | 1.6 | 1.8 | 1.9 | 1.9 | 1.1 |
| C.V. (%) | 15.3 | 13.0 | 13.2 | 16.1 | 13.0 | 12.2 | 9.7 |

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

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