TABLE 1.
TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT EIGHTEEN LOCATIONS IN THE U.S.
2023 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CA4 | CT1 | IA1 | IA2 | IN1 | IN2 | MA1 | MN1 | NE1 | NJ2 | OH2 | OH3 | ON1 | OR1 | QE1 | UT1 | VA1 | VA2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20PR10 | 7.9 | 6.1 | 5.9 | 6.0 | 5.4 | 5.4 | 5.8 | 5.7 | 6.2 | 6.3 | 6.3 | 4.1 | 6.9 | 6.4 | 6.6 | 6.4 | 7.0 | 6.3 |
| ALPHA CENTAURI | 7.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.4 | 5.6 | 6.1 | 6.0 | 7.1 | 5.8 | 4.3 | 6.4 | 6.4 | 5.9 | 6.5 | 7.0 | 7.2 |
| APS | 7.7 | 6.3 | 6.0 | 6.0 | 6.0 | 5.5 | 6.2 | 5.9 | 6.1 | 7.5 | 6.0 | 4.7 | 7.2 | 6.8 | 6.5 | 7.1 | 7.0 | 7.2 |
| BAR LP 22174 | 7.7 | 5.8 | 5.7 | 6.0 | 5.6 | 5.3 | 5.5 | 5.3 | 6.3 | 6.3 | 5.7 | 4.9 | 6.6 | 5.6 | 5.7 | 6.7 | 6.6 | 5.9 |
| BAR LP 22191 | 7.8 | 6.1 | 5.9 | 5.9 | 5.4 | 5.3 | 5.9 | 5.1 | 6.2 | 5.3 | 6.0 | 4.4 | 6.0 | 5.8 | 5.6 | 6.9 | 6.7 | 6.2 |
| BAR LP 22256 | 7.2 | 6.0 | 5.8 | 6.0 | 5.1 | 4.7 | 5.3 | 4.9 | 6.3 | 5.2 | 6.0 | 4.3 | 5.8 | 5.3 | 5.6 | 6.3 | 6.2 | 6.4 |
| BAR LP 22262 | 7.4 | 5.5 | 6.0 | 5.9 | 4.9 | 4.7 | 5.4 | 4.9 | 6.2 | 5.3 | 5.6 | 3.7 | 5.8 | 5.3 | 5.3 | 6.0 | 6.3 | 6.6 |
| BAR LP 22263 | 7.4 | 5.8 | 6.0 | 6.0 | 5.5 | 4.2 | 5.2 | 5.3 | 5.8 | 5.2 | 5.6 | 4.9 | 6.5 | 5.6 | 5.5 | 6.3 | 6.6 | 6.6 |
| BRIGHTSTAR SLT | 7.9 | 5.6 | 5.8 | 5.9 | 4.7 | 5.4 | 4.7 | 5.0 | 6.0 | 4.6 | 5.7 | 3.9 | 5.9 | 5.8 | 5.3 | 6.0 | 6.0 | 6.2 |
| BSG-PR22 | 7.9 | 5.3 | 6.0 | 5.8 | 5.0 | 4.4 | 6.0 | 5.5 | 6.1 | 4.5 | 5.5 | 3.6 | 5.3 | 6.8 | 4.8 | 5.9 | 6.8 | 6.1 |
| BY-PS2 | 7.9 | 5.9 | 6.0 | 5.8 | 5.1 | 5.1 | 6.4 | 6.0 | 6.6 | 6.8 | 6.2 | 3.6 | 6.4 | 6.5 | 5.7 | 6.8 | 6.8 | 6.7 |
| CJP1R | 7.9 | 6.3 | 6.0 | 5.8 | 5.9 | 4.5 | 5.3 | 6.2 | 6.1 | 7.1 | 6.1 | 4.4 | 6.1 | 6.6 | 6.5 | 6.4 | 6.8 | 6.6 |
| DARK MATTER | 7.7 | 5.9 | 5.7 | 5.8 | 4.9 | 4.8 | 5.4 | 5.2 | 5.9 | 4.4 | 5.6 | 3.8 | 6.6 | 6.4 | 5.4 | 6.2 | 6.6 | 6.6 |
| DLF-LGT-3066 | 7.5 | 5.7 | 5.9 | 5.7 | 5.6 | 4.9 | 4.8 | 4.8 | 5.8 | 6.2 | 6.0 | 3.5 | 6.1 | 5.5 | 5.6 | 5.6 | 6.4 | 6.5 |
| DLF-PR-3726 | 8.0 | 6.3 | 5.8 | 6.1 | 6.4 | 5.9 | 5.9 | 6.1 | 6.2 | 7.1 | 6.5 | 4.3 | 6.1 | 6.3 | 6.0 | 6.6 | 6.6 | 6.7 |
| DLF-PR-3727 | 7.9 | 6.2 | 5.8 | 6.0 | 5.9 | 5.7 | 5.3 | 5.3 | 6.3 | 5.6 | 6.0 | 4.0 | 5.4 | 6.6 | 5.9 | 6.6 | 6.8 | 6.8 |
| DLF-PR-3728 | 7.5 | 6.2 | 5.6 | 6.1 | 6.0 | 5.5 | 5.8 | 6.2 | 6.4 | 7.6 | 6.6 | 4.0 | 6.4 | 7.1 | 5.6 | 7.0 | 7.0 | 7.0 |
| DLF-PR-3729 | 7.3 | 5.9 | 6.0 | 5.8 | 5.8 | 5.3 | 5.6 | 6.8 | 6.4 | 6.9 | 6.2 | 5.1 | 6.3 | 6.7 | 6.3 | 6.8 | 6.9 | 6.7 |
| DLF-PR-3730 | 7.8 | 6.3 | 6.2 | 5.9 | 5.7 | 5.8 | 5.7 | 6.4 | 6.1 | 7.3 | 6.1 | 4.3 | 6.8 | 6.3 | 5.7 | 7.1 | 7.1 | 6.7 |
| DLF-PR-3735 | 7.3 | 5.6 | 5.9 | 6.0 | 5.4 | 4.6 | 5.5 | 5.8 | 6.7 | 5.8 | 5.9 | 3.2 | 6.1 | 6.4 | 5.9 | 6.7 | 7.0 | 6.8 |
| DLF-PR-3736 | 7.8 | 5.8 | 6.0 | 5.9 | 6.4 | 5.5 | 5.7 | 5.9 | 6.3 | 6.3 | 5.9 | 4.9 | 6.1 | 6.1 | 5.8 | 7.1 | 7.0 | 7.1 |
| DLF-PR-3737 | 7.8 | 6.3 | 5.9 | 6.0 | 5.5 | 5.0 | 5.3 | 5.3 | 6.0 | 5.8 | 5.9 | 4.1 | 5.7 | 6.5 | 5.5 | 6.2 | 6.1 | 6.4 |
| DLF-PR-3738 | 7.6 | 6.3 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 6.2 | 6.5 | 6.3 | 3.9 | 6.3 | 6.5 | 6.2 | 7.2 | 7.0 | 7.1 |
| ELEKTRA GLR (PPG-PR 671) | 7.7 | 6.2 | 5.8 | 5.9 | 5.4 | 5.1 | 6.0 | 6.2 | 6.5 | 6.8 | 6.2 | 4.4 | 5.9 | 6.7 | 6.1 | 6.9 | 7.1 | 6.9 |
| GO-RUS20 | 7.8 | 5.9 | 6.0 | 6.0 | 5.4 | 5.4 | 5.3 | 5.7 | 6.5 | 6.4 | 6.1 | 4.2 | 6.3 | 6.0 | 5.5 | 6.0 | 6.6 | 6.8 |
| GO-RUS21 | 7.6 | 6.1 | 6.4 | 6.0 | 5.9 | 5.7 | 5.9 | 6.2 | 6.3 | 6.7 | 6.1 | 4.2 | 6.3 | 6.6 | 5.8 | 7.1 | 7.1 | 7.0 |
| GO-RUS22 | 7.5 | 6.0 | 5.8 | 6.0 | 5.3 | 5.0 | 5.7 | 5.7 | 6.1 | 5.6 | 6.2 | 3.6 | 6.1 | 6.2 | 5.8 | 6.6 | 7.0 | 6.3 |
| GRAY EAGLE SLT (PST-2MEG) | 7.3 | 5.9 | 5.9 | 5.8 | 5.6 | 4.9 | 5.5 | 6.5 | 6.1 | 5.6 | 6.0 | 4.6 | 6.0 | 7.0 | 5.6 | 6.2 | 7.1 | 7.0 |
| GREENBACK | 8.0 | 5.6 | 5.8 | 6.1 | 4.7 | 4.8 | 5.8 | 5.1 | 6.2 | 4.8 | 6.0 | 3.2 | 6.0 | 6.0 | 5.5 | 6.6 | 6.5 | 6.3 |
| HIGH OCTANE | 7.0 | 5.8 | 6.0 | 5.9 | 5.1 | 4.9 | 5.4 | 5.6 | 6.0 | 5.5 | 6.0 | 3.0 | 6.0 | 6.6 | 5.6 | 5.9 | 6.5 | 6.6 |
| HOMERUN LS | 7.2 | 5.9 | 6.3 | 6.0 | 5.3 | 5.8 | 5.4 | 6.6 | 6.1 | 5.4 | 5.8 | 4.5 | 5.9 | 6.5 | 5.8 | 6.7 | 6.8 | 6.3 |
| KARMA | 7.6 | 5.8 | 5.7 | 6.0 | 4.9 | 5.0 | 5.5 | 5.3 | 6.1 | 5.1 | 5.9 | 3.7 | 6.2 | 6.0 | 5.8 | 6.1 | 6.0 | 6.0 |
| LINN | 6.6 | 4.9 | 5.7 | 5.7 | 3.4 | 3.1 | 3.0 | 2.2 | 5.0 | 1.8 | 2.7 | 3.2 | 4.9 | 4.1 | 4.9 | 3.2 | 4.7 | 4.5 |
| LTP-NR | 7.7 | 6.0 | 6.0 | 5.9 | 5.7 | 4.8 | 6.0 | 5.4 | 6.3 | 6.3 | 6.2 | 3.6 | 6.1 | 6.5 | 5.5 | 6.6 | 7.2 | 6.5 |
| LTP-RPP4 | 7.7 | 6.1 | 6.0 | 6.0 | 5.3 | 5.3 | 6.3 | 6.0 | 6.5 | 7.3 | 5.9 | 3.3 | 6.0 | 6.9 | 5.8 | 7.0 | 7.3 | 6.8 |
| MRSL-PR22 | 7.9 | 5.8 | 5.7 | 5.8 | 5.1 | 4.5 | 5.6 | 5.4 | 6.3 | 4.0 | 5.6 | 4.1 | 6.3 | 6.5 | 5.8 | 6.2 | 6.3 | 5.9 |
| NAI-PR5 | 7.6 | 6.3 | 6.0 | 6.0 | 6.2 | 4.9 | 5.9 | 5.8 | 5.9 | 6.3 | 6.4 | 4.3 | 6.6 | 6.9 | 6.3 | 7.0 | 6.7 | 6.9 |
| PISTON | 7.7 | 5.9 | 5.9 | 6.0 | 5.9 | 4.9 | 5.8 | 6.1 | 6.3 | 6.3 | 6.4 | 3.8 | 6.8 | 6.2 | 6.6 | 6.1 | 7.0 | 6.3 |
| PPG-PR 602 | 8.0 | 6.1 | 6.0 | 6.0 | 5.9 | 4.8 | 5.6 | 6.1 | 6.6 | 6.8 | 6.1 | 4.6 | 6.6 | 6.2 | 5.7 | 6.3 | 6.2 | 6.9 |
| PPG-PR 606 | 7.4 | 6.1 | 6.1 | 5.8 | 5.8 | 5.1 | 6.2 | 6.5 | 7.2 | 7.4 | 6.5 | 4.9 | 6.1 | 6.6 | 6.0 | 7.2 | 7.0 | 6.6 |
| PPG-PR 610 | 7.6 | 6.1 | 6.1 | 6.0 | 5.3 | 5.2 | 5.8 | 6.3 | 6.9 | 6.9 | 6.1 | 4.8 | 6.6 | 6.5 | 6.3 | 6.7 | 7.2 | 6.3 |
| PPG-PR 611 | 8.0 | 6.1 | 6.0 | 6.0 | 5.6 | 5.2 | 5.4 | 6.1 | 6.2 | 7.0 | 6.0 | 3.9 | 7.1 | 6.8 | 6.0 | 6.6 | 7.0 | 6.9 |
| PPG-PR 620 | 7.9 | 6.0 | 6.0 | 5.9 | 5.4 | 4.7 | 5.0 | 6.1 | 6.4 | 6.8 | 6.2 | 3.7 | 7.0 | 6.4 | 6.0 | 6.1 | 7.1 | 6.7 |
| PPG-PR 637 | 7.7 | 6.3 | 5.9 | 6.0 | 6.1 | 5.3 | 6.0 | 5.9 | 6.6 | 7.5 | 6.2 | 4.1 | 7.0 | 6.9 | 6.3 | 6.6 | 6.9 | 7.0 |

TABLE 1.          TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
(CONT'D)           GROWN AT EIGHTEEN LOCATIONS IN THE U.S.
                          2023 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CA4 | CT1 | IA1 | IA2 | IN1 | IN2 | MA1 | MN1 | NE1 | NJ2 | OH2 | OH3 | ON1 | OR1 | QE1 | UT1 | VA1 | VA2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PPG-PR 639 | 7.9 | 6.4 | 5.9 | 6.0 | 5.7 | 5.1 | 5.7 | 6.9 | 6.4 | 7.2 | 6.1 | 4.5 | 6.6 | 6.8 | 6.8 | 5.7 | 7.1 | 6.8 |
| PPG-PR 642 | 7.8 | 6.0 | 6.0 | 6.0 | 5.5 | 5.2 | 5.7 | 5.9 | 6.2 | 6.8 | 6.3 | 3.7 | 6.2 | 6.2 | 6.2 | 6.3 | 7.2 | 7.3 |
| PPG-PR 643 | 7.9 | 6.3 | 6.1 | 6.0 | 5.5 | 4.7 | 6.0 | 5.8 | 6.2 | 6.2 | 6.1 | 3.7 | 6.6 | 6.8 | 5.4 | 5.9 | 7.1 | 6.6 |
| PPG-PR 644 | 7.2 | 6.3 | 6.0 | 5.8 | 5.3 | 4.5 | 6.1 | 6.1 | 6.1 | 7.3 | 6.1 | 4.3 | 6.8 | 7.3 | 5.7 | 6.3 | 7.0 | 7.0 |
| PPG-PR 646 | 7.7 | 6.3 | 6.0 | 6.1 | 5.5 | 4.6 | 5.5 | 5.8 | 6.0 | 6.6 | 6.7 | 3.9 | 5.6 | 6.7 | 5.8 | 6.3 | 6.6 | 6.7 |
| PPG-PR 647 | 7.8 | 6.1 | 6.0 | 6.0 | 5.8 | 4.8 | 6.2 | 6.0 | 6.3 | 5.8 | 5.8 | 3.7 | 7.3 | 6.7 | 6.6 | 6.3 | 6.8 | 6.6 |
| PPG-PR 658 | 8.2 | 6.2 | 5.9 | 6.0 | 6.0 | 5.0 | 5.5 | 6.3 | 6.4 | 7.5 | 5.9 | 5.3 | 6.8 | 6.7 | 6.7 | 6.9 | 6.2 | 6.8 |
| PPG-PR 661 | 7.7 | 6.3 | 5.7 | 6.1 | 6.1 | 4.8 | 6.2 | 6.6 | 6.6 | 6.7 | 6.2 | 3.3 | 7.0 | 6.8 | 6.2 | 7.0 | 7.0 | 6.8 |
| PPG-PR 662 | 7.8 | 6.2 | 6.0 | 5.9 | 5.7 | 5.7 | 6.3 | 5.9 | 7.0 | 7.3 | 6.4 | 4.1 | 6.0 | 6.3 | 6.2 | 6.8 | 7.0 | 7.1 |
| PPG-PR 663 | 7.8 | 6.1 | 6.0 | 6.0 | 5.9 | 5.2 | 6.0 | 6.1 | 6.4 | 6.7 | 6.3 | 3.5 | 5.4 | 6.5 | 6.0 | 7.1 | 7.4 | 6.9 |
| PPG-PR 664 | 7.5 | 6.4 | 5.9 | 6.0 | 6.0 | 5.4 | 6.2 | 6.4 | 6.7 | 7.4 | 6.0 | 3.7 | 5.9 | 7.0 | 6.2 | 7.2 | 7.3 | 7.1 |
| PPG-PR 665 | 7.7 | 6.4 | 6.0 | 6.0 | 5.9 | 5.8 | 5.9 | 5.9 | 6.5 | 6.5 | 6.2 | 5.0 | 6.4 | 6.8 | 6.5 | 6.3 | 7.4 | 6.9 |
| PPG-PR 666 | 7.7 | 6.3 | 6.0 | 5.9 | 5.9 | 5.7 | 5.8 | 6.2 | 6.5 | 6.8 | 6.5 | 3.4 | 6.7 | 6.4 | 6.1 | 6.2 | 7.3 | 7.0 |
| PPG-PR 667 | 7.7 | 6.0 | 6.0 | 5.8 | 5.8 | 5.0 | 5.6 | 6.1 | 6.8 | 7.0 | 6.3 | 4.0 | 6.7 | 6.4 | 6.0 | 6.9 | 7.1 | 7.0 |
| PPG-PR 668 | 7.8 | 6.1 | 6.1 | 6.0 | 6.1 | 5.7 | 5.8 | 6.9 | 6.2 | 7.0 | 6.5 | 3.7 | 6.4 | 6.4 | 6.9 | 6.4 | 6.8 | 7.2 |
| PPG-PR 670 | 8.0 | 6.5 | 5.9 | 5.9 | 6.1 | 5.7 | 6.0 | 6.1 | 6.8 | 6.7 | 6.4 | 3.6 | 6.1 | 6.7 | 6.5 | 7.3 | 7.1 | 7.2 |
| PS4 | 7.8 | 6.0 | 6.0 | 6.1 | 5.5 | 5.2 | 5.8 | 6.1 | 5.8 | 6.0 | 6.2 | 4.9 | 6.6 | 6.5 | 6.5 | 6.5 | 6.9 | 6.7 |
| PST-214 | 8.0 | 6.1 | 6.0 | 6.0 | 5.7 | 5.2 | 5.6 | 6.4 | 6.5 | 6.8 | 6.0 | 3.6 | 5.9 | 6.7 | 6.3 | 7.6 | 6.2 | 6.7 |
| PST-2ADS | 7.4 | 6.3 | 6.2 | 5.9 | 5.4 | 5.3 | 6.1 | 6.0 | 6.5 | 6.3 | 6.0 | 4.3 | 6.8 | 6.5 | 6.1 | 6.6 | 7.0 | 6.8 |
| PST-2BGL | 7.7 | 5.9 | 6.0 | 6.0 | 5.6 | 5.3 | 5.5 | 5.3 | 6.2 | 6.1 | 6.0 | 3.1 | 6.5 | 6.6 | 6.3 | 6.8 | 7.0 | 6.4 |
| PST-2DRG | 7.7 | 5.6 | 5.9 | 6.2 | 5.0 | 4.9 | 5.3 | 6.0 | 6.0 | 4.8 | 6.1 | 3.4 | 5.1 | 5.9 | 5.7 | 6.7 | 6.9 | 6.2 |
| PST-2E6 | 7.8 | 5.8 | 5.9 | 5.8 | 5.5 | 4.7 | 5.5 | 5.9 | 6.1 | 5.5 | 6.1 | 3.8 | 5.9 | 6.7 | 5.9 | 6.4 | 6.7 | 6.4 |
| PST-2EGY | 7.7 | 6.0 | 5.8 | 6.0 | 5.4 | 5.3 | 5.9 | 6.4 | 6.4 | 5.8 | 6.3 | 5.0 | 5.3 | 6.4 | 5.9 | 7.0 | 6.9 | 6.5 |
| PST-2GDS | 7.7 | 6.1 | 6.0 | 6.0 | 5.2 | 5.2 | 5.6 | 6.4 | 6.4 | 6.3 | 6.2 | 3.8 | 5.9 | 6.4 | 5.7 | 7.1 | 6.9 | 6.6 |
| PST-2HFM | 7.7 | 5.9 | 6.0 | 6.1 | 5.4 | 4.8 | 5.4 | 6.1 | 6.5 | 6.0 | 6.4 | 3.6 | 6.3 | 6.7 | 6.2 | 7.4 | 6.7 | 6.6 |
| PST-2MES1 | 7.2 | 6.2 | 6.1 | 5.8 | 5.1 | 5.3 | 5.5 | 6.1 | 6.4 | 5.2 | 6.3 | 4.0 | 6.3 | 6.6 | 5.8 | 6.8 | 7.0 | 7.1 |
| PST-2SPF | 7.9 | 5.3 | 5.7 | 5.9 | 4.3 | 4.1 | 4.5 | 4.8 | 6.0 | 4.1 | 5.1 | 3.0 | 5.6 | 5.9 | 6.5 | 3.4 | 6.3 | 5.5 |
| PVF-RPP2 | 7.7 | 6.0 | 5.8 | 5.9 | 5.5 | 4.9 | 6.2 | 5.6 | 6.3 | 6.9 | 6.2 | 4.6 | 6.9 | 6.6 | 6.5 | 6.4 | 6.5 | 6.9 |
| PVF-SGS5 | 8.0 | 6.3 | 6.0 | 5.9 | 6.0 | 5.0 | 6.0 | 6.1 | 6.6 | 6.9 | 6.3 | 4.3 | 6.9 | 6.1 | 6.3 | 6.4 | 6.9 | 6.8 |
| QUASAR | 7.9 | 6.1 | 5.9 | 6.0 | 5.5 | 5.3 | 5.7 | 5.7 | 5.9 | 6.1 | 6.3 | 4.3 | 6.2 | 6.5 | 5.8 | 6.3 | 6.7 | 6.4 |
| RC20-02O | 7.2 | 5.8 | 5.9 | 6.0 | 5.4 | 5.1 | 5.3 | 5.8 | 6.0 | 3.9 | 6.1 | 4.8 | 5.5 | 6.6 | 6.2 | 5.7 | 6.4 | 5.9 |
| RPP3 | 7.6 | 5.9 | 6.0 | 6.1 | 5.5 | 5.0 | 5.4 | 5.8 | 5.9 | 5.7 | 6.0 | 3.3 | 6.0 | 6.5 | 5.6 | 6.7 | 6.4 | 6.1 |
| SE-DK | 7.7 | 5.5 | 5.9 | 5.9 | 5.4 | 4.3 | 6.0 | 6.2 | 6.0 | 4.5 | 6.1 | 3.5 | 6.3 | 6.7 | 5.2 | 5.9 | 6.4 | 6.1 |
| SEPR-2013 | 7.4 | 5.5 | 5.6 | 6.0 | 4.6 | 4.4 | 5.0 | 4.6 | 6.0 | 3.3 | 5.4 | 4.3 | 5.2 | 5.9 | 5.7 | 6.3 | 5.8 | 6.1 |
| SGP4 | 7.3 | 6.3 | 5.9 | 6.0 | 5.9 | 5.2 | 5.8 | 6.1 | 6.2 | 7.3 | 5.9 | 5.4 | 6.2 | 6.5 | 6.3 | 6.5 | 6.9 | 6.7 |
| SILETZ | 7.5 | 6.4 | 6.3 | 6.0 | 5.6 | 5.6 | 6.1 | 6.1 | 6.7 | 7.3 | 6.7 | 5.1 | 6.7 | 6.6 | 6.1 | 7.6 | 7.0 | 6.9 |
| STELLAR 4GL | 7.5 | 6.2 | 5.8 | 6.0 | 5.8 | 4.8 | 6.0 | 6.4 | 6.0 | 6.6 | 6.4 | 4.3 | 6.5 | 6.7 | 6.3 | 6.9 | 6.9 | 6.3 |
| TSC-CRS | 7.7 | 5.5 | 5.9 | 6.0 | 5.1 | 4.5 | 5.5 | 5.8 | 5.8 | 3.7 | 6.1 | 2.9 | 5.5 | 6.1 | 5.3 | 5.7 | 5.9 | 6.4 |
| ULTRA SPORT (PST-2HAF20) | 7.9 | 6.0 | 6.0 | 6.0 | 5.8 | 4.8 | 5.7 | 6.4 | 6.7 | 6.3 | 6.4 | 4.6 | 5.6 | 6.4 | 5.9 | 7.4 | 7.0 | 6.9 |
| | | | | | | | | | | | | | | | | | | |
| LSD VALUE | 0.7 | 0.4 | 0.3 | 0.3 | 0.6 | 0.9 | 0.5 | 0.8 | 0.5 | 0.6 | 0.6 | 2.2 | 1.1 | 0.6 | 0.9 | 0.8 | 0.6 | 0.5 |
| C.V. (%) | 5.6 | 4.5 | 3.3 | 3.0 | 6.8 | 10.5 | 6.0 | 8.5 | 4.8 | 6.2 | 6.3 | 33.9 | 11.1 | 6.2 | 9.6 | 8.1 | 5.9 | 5.1 |

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 2.     MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT NINE LOCATIONS IN THE U.S.  1/
2023 DATA

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

| NAME | CO1 | IA1 | IN1 | IN2 | MA1 | NJ1 | QE1 | VA1 | WI1 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 007XL | 3.4 | 6.2 | 5.9 | 6.5 | 6.6 | 5.6 | 3.6 | 5.6 | 6.2 |
| BARRACUDA | 3.4 | 6.3 | 5.9 | 6.3 | 5.7 | 4.8 | 2.4 | 6.2 | 6.0 |
| CHINOOK (H10G-OP) | 3.4 | 6.3 | 6.3 | 6.8 | 6.0 | 6.1 | 2.2 | 5.6 | 5.9 |
| DLF-AP-3084 | 3.5 | 6.2 | 6.2 | 6.9 | 5.8 | 7.2 | 2.8 | 5.9 | 6.3 |
| MATCH PLAY | 3.4 | 6.2 | 6.6 | 7.3 | 6.3 | 6.0 | 2.7 | 6.1 | 6.3 |
| MUSKET | 3.1 | 6.1 | 5.4 | 5.5 | 6.6 | 4.9 | 4.6 | 5.4 | 5.5 |
| OAKLEY (PPG-AP-MTV1) | 3.3 | 6.1 | 6.8 | 7.1 | 5.9 | 7.1 | 1.7 | 5.8 | 5.8 |
| PENNCROSS | 4.2 | 6.3 | 5.3 | 5.3 | 4.5 | 1.8 | 2.8 | 4.5 | 4.7 |
| PIPER (PPG-AP-MTV2) | 3.6 | 6.2 | 6.1 | 6.6 | 6.2 | 6.4 | 2.7 | 5.5 | 5.7 |
| PIRANHA | 3.6 | 6.1 | 6.6 | 6.8 | 6.3 | 5.1 | 2.8 | 6.2 | 6.3 |
| PST-0MRN | 3.6 | 6.5 | 6.2 | 6.9 | 5.9 | 3.6 | 2.3 | 5.5 | 6.1 |
| PST-0R2O | 3.4 | 6.4 | 6.2 | 6.7 | 5.8 | 4.3 | 2.3 | 5.6 | 6.5 |
| PST-R0DS | 3.2 | 6.2 | 5.9 | 6.8 | 6.2 | 3.6 | 1.7 | 6.0 | 5.9 |
| PVF-PV-1 | 3.4 | 6.2 | 6.3 | 6.7 | 6.3 | 6.4 | 2.2 | 6.0 | 5.8 |
| PVF-PV-2 | 3.3 | 6.3 | 6.5 | 7.0 | 5.8 | 6.8 | 1.7 | 6.5 | 5.7 |
| S1 | 3.4 | 6.1 | 6.0 | 6.6 | 6.0 | 5.6 | 2.2 | 6.0 | 6.3 |
| SHARK | 3.2 | 6.0 | 6.2 | 6.5 | 5.8 | 4.1 | 2.6 | 6.3 | 6.0 |
| SPECTRUM (LNS 19) | 3.3 | 6.2 | 5.8 | 6.5 | 6.2 | 7.8 | 2.8 | 6.0 | 5.6 |
| TOURPRO | 3.3 | 6.2 | 5.7 | 6.5 | 6.4 | 5.6 | 2.2 | 6.2 | 6.3 |
| | | | | | | | | | |
| LSD VALUE | 0.5 | 0.3 | 1.3 | 1.0 | 0.3 | 1.1 | 1.7 | 0.9 | 0.6 |
| C.V. (%) | 9.8 | 3.4 | 13.0 | 9.7 | 2.9 | 12.8 | 41.1 | 9.8 | 6.6 |

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

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

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TABLE 3.              MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
                        A GREEN AT TWELVE LOCATIONS IN THE U.S.  1/
                                         2023 DATA

                   TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF  2/
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| NAME | IL5 | IN1 | IN2 | KS1 | MA1 | MN1 | NC1 | NJ1 | OK1 | UT1 | VA1 | WI1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 007XL | 6.5 | 7.0 | 7.1 | 5.4 | 6.0 | 6.3 | 7.9 | 7.1 | 5.3 | 6.5 | 6.6 | 6.7 |
| BARRACUDA | 5.4 | 6.5 | 6.2 | 5.3 | 6.0 | 6.0 | 7.5 | 4.9 | 5.2 | 5.1 | 6.3 | 6.3 |
| CY-4 | 5.9 | 6.3 | 6.2 | 5.3 | 6.1 | 4.7 | 7.5 | 6.1 | 4.5 | 4.7 | 6.0 | 6.7 |
| DECLARATION | 4.4 | 5.6 | 6.0 | 5.1 | 5.6 | 4.6 | 7.3 | 3.6 | 4.3 | 3.8 | 5.5 | 6.3 |
| DLFPS-AP-3084 | 5.9 | 6.8 | 7.1 | 5.1 | 5.7 | 6.4 | 8.1 | 6.0 | 4.9 | 6.6 | 6.6 | 7.1 |
| L-93 XD | 5.9 | 6.5 | 6.6 | 4.5 | 5.6 | 6.0 | 7.8 | 5.2 | 5.1 | 6.0 | 6.3 | 6.8 |
| OAKLEY (PPG-AP-MTV1) | 6.9 | 7.2 | 7.4 | 4.9 | 6.2 | 6.6 | 7.9 | 7.2 | 4.3 | 7.3 | 6.5 | 7.0 |
| PENN A-1 | 4.5 | 5.8 | 5.5 | 5.4 | 5.5 | 5.2 | 7.3 | 3.6 | 4.5 | 4.5 | 6.0 | 6.0 |
| PENNCROSS | 3.8 | 4.4 | 4.1 | 5.1 | 4.4 | 3.5 | 6.0 | 2.0 | . | 2.8 | 4.0 | 5.2 |
| PIPER (PPG-AP-MTV2) | 6.7 | 7.3 | 7.0 | 5.4 | 6.3 | 7.1 | 7.8 | 7.4 | 4.6 | 7.3 | 6.4 | 6.8 |
| PIRANHA | 5.9 | 6.9 | 6.7 | 5.8 | 6.2 | 6.1 | 7.6 | 5.7 | 5.5 | 5.7 | 6.4 | 7.0 |
| PST-0DSF | 5.1 | 7.4 | 7.1 | 4.8 | 5.4 | 6.3 | 7.4 | 4.8 | . | 5.9 | 6.4 | 6.3 |
| PST-0HR | 7.7 | 8.1 | 6.6 | 5.6 | 6.6 | 7.3 | 7.5 | 3.5 | 4.3 | 8.2 | 7.2 | 7.5 |
| PSU-CBG1 | 7.8 | 7.8 | 6.8 | 5.3 | 6.0 | 6.1 | 7.2 | 4.4 | 2.9 | 7.4 | 6.9 | 6.9 |
| PSU-CBG2 | 7.7 | 7.7 | 6.6 | 5.3 | 6.4 | 6.6 | 7.2 | 4.9 | 3.8 | 7.3 | 6.4 | 7.1 |
| PSU-CBG3 | 7.5 | 7.8 | 6.2 | 5.2 | 6.0 | 6.3 | 7.0 | 3.9 | 3.6 | 7.6 | 6.4 | 7.0 |
| PVF-PV-1 | 6.9 | 7.3 | 7.0 | 5.4 | 6.0 | 7.3 | 7.8 | 7.1 | 4.7 | 7.3 | 6.7 | 6.9 |
| PVF-PV-2 | 6.4 | 6.9 | 7.1 | 5.2 | 6.3 | 6.4 | 8.0 | 7.0 | 5.3 | 7.0 | 6.9 | 6.9 |
| S1 | 5.9 | 6.8 | 6.6 | 5.4 | 6.0 | 5.7 | 7.6 | 5.4 | 5.9 | 6.0 | 6.5 | 6.8 |
| SPECTRUM (LNS 19) | 6.9 | 7.3 | 7.3 | 5.1 | 6.1 | 7.4 | 8.2 | 8.0 | 5.2 | 6.9 | 6.7 | 6.7 |
| | | | | | | | | | | | | |
| LSD VALUE | 0.6 | 0.5 | 0.6 | 0.7 | 0.5 | 1.3 | 0.4 | 0.8 | 1.4 | 0.8 | 0.8 | 0.6 |
| C.V. (%) | 6.1 | 4.8 | 6.0 | 8.7 | 5.4 | 13.3 | 3.0 | 9.4 | 19.2 | 8.2 | 7.4 | 5.5 |

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.

**4**

TABLE 4.
MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWENTY-ONE LOCATIONS IN THE U.S. AND CANADA
2023 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CO1 | CT1 | IA1 | IA2 | IN1 | KS1 | MA1 | MI1 | MI2 | MI3 | MI4 | MN1 | MN2 | NC1 | NJ1 | NJ2 | QE1 | UT1 | VA1 | WA1 | WI1 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5Z2 | 2.3 | 6.3 | 6.5 | 6.0 | 5.9 | 3.7 | 5.6 | 6.0 | 4.7 | 4.9 | 4.7 | 4.2 | 4.9 | 5.7 | 4.3 | 5.0 | 4.4 | 7.0 | 6.3 | 5.0 | 5.5 |
| 5Z5 | 4.0 | 6.4 | 6.3 | 6.1 | 5.7 | 4.3 | 5.9 | 5.6 | 4.7 | 5.0 | 4.4 | 4.4 | 5.1 | 6.2 | 5.6 | 5.5 | 4.7 | 6.7 | 6.2 | 4.6 | 6.1 |
| BAR FO 131 | 3.2 | 6.3 | 6.5 | 5.7 | 1.7 | 3.3 | 5.2 | 5.1 | 3.8 | 4.4 | 3.8 | 3.5 | 4.1 | 4.7 | 4.0 | 4.0 | 4.2 | 6.4 | 5.8 | 4.3 | 5.2 |
| BAR FRC 123 | 2.6 | 6.5 | 6.3 | 6.2 | 4.0 | 4.0 | 5.5 | 6.3 | 6.6 | 5.0 | 5.7 | 4.2 | 5.4 | 5.0 | 4.2 | 5.2 | 5.0 | 6.3 | 6.2 | 5.0 | 5.8 |
| BAR FRC 130 | 3.3 | 6.5 | 6.2 | 6.0 | 3.7 | 4.2 | 5.2 | 6.5 | 6.7 | 5.0 | 5.9 | 4.6 | 5.2 | 4.8 | 4.0 | 5.4 | 5.2 | 6.2 | 6.0 | 5.5 | 5.6 |
| BAR FRL 122 | 2.3 | 6.4 | 6.3 | 6.0 | 4.3 | 4.0 | 5.8 | 6.5 | 6.3 | 5.7 | 5.7 | 4.9 | 5.7 | 5.3 | 4.0 | 5.3 | 5.1 | 6.6 | 6.0 | 4.0 | 6.0 |
| BAR FT 132 | 1.8 | 5.9 | 6.5 | 5.5 | 1.3 | 5.7 | 5.3 | 4.7 | 3.9 | 4.1 | 3.6 | 4.7 | 4.1 | 3.6 | 3.6 | 5.1 | 5.4 | 6.1 | 6.7 | 4.2 | 6.5 |
| BAR FT 135 | 2.1 | 6.3 | 6.9 | 5.6 | 1.3 | 5.6 | 5.3 | 4.9 | 4.8 | 4.4 | 3.8 | 5.7 | 4.4 | 4.8 | 4.4 | 5.3 | 5.9 | 6.6 | 7.1 | 4.5 | 6.3 |
| BEACON II (PPG-FL 128) | 3.1 | 6.4 | 6.3 | 5.9 | 2.7 | 5.1 | 6.5 | 5.4 | 4.2 | 4.6 | 3.9 | 5.4 | 5.3 | 5.0 | 2.9 | 7.2 | 6.8 | 7.4 | 7.4 | 4.6 | 6.1 |
| BLUE HORNET (PPG-FO-102) | 2.9 | 6.4 | 6.3 | 6.0 | 1.9 | 4.3 | 5.8 | 4.9 | 4.3 | 4.2 | 4.3 | 5.1 | 4.6 | 2.5 | 4.3 | 5.0 | 5.7 | 6.1 | 5.7 | 4.9 | 5.5 |
| BOREAL | 2.9 | 5.4 | 6.2 | 5.9 | 2.3 | . | 4.8 | 4.0 | 3.1 | 3.1 | 3.3 | 2.3 | 2.6 | 3.8 | 4.2 | 2.3 | 3.6 | 4.6 | 5.9 | 4.3 | 5.0 |
| BRITTANY 2 | 3.0 | 6.6 | 6.5 | 6.0 | 6.4 | 3.7 | 6.0 | 6.7 | 6.4 | 5.9 | 5.8 | 4.3 | 5.1 | 6.1 | 4.6 | 5.5 | 4.6 | 6.7 | 6.4 | 5.3 | 6.1 |
| BYE | 3.3 | 6.3 | 6.6 | 6.1 | 5.8 | 4.5 | 5.5 | 5.8 | 5.4 | 5.1 | 5.3 | 4.1 | 5.8 | 6.4 | 5.6 | 5.5 | 5.4 | 7.2 | 6.5 | 5.6 | 6.0 |
| CARDINAL II | 4.2 | 5.9 | 6.5 | 6.0 | 4.1 | . | 5.4 | 5.0 | 4.0 | 4.1 | 3.9 | 4.0 | 4.3 | 6.3 | 4.4 | 3.3 | 4.5 | 6.4 | 5.6 | 5.3 | 6.0 |
| COMPASS II | 2.8 | 6.8 | 6.3 | 6.2 | 5.5 | . | 6.1 | 6.7 | 6.7 | 5.2 | 6.0 | 4.3 | 5.1 | 6.6 | 4.9 | 5.2 | 5.2 | 6.8 | 6.3 | 5.2 | 6.2 |
| DA5-RHF | 2.8 | 6.3 | 6.5 | 5.8 | 2.9 | 4.9 | 5.7 | 6.5 | 5.3 | 5.7 | 4.8 | 5.9 | 5.1 | 5.4 | 3.4 | 5.9 | 6.1 | 7.3 | 6.9 | 4.7 | 6.4 |
| DLF-FRR-3128 | 3.5 | 6.0 | 6.0 | 6.1 | 5.5 | 3.9 | 5.5 | 5.0 | 4.0 | 4.5 | 3.4 | 3.8 | 4.8 | 5.1 | 4.2 | 3.2 | 5.1 | 6.7 | 5.8 | 4.9 | 5.8 |
| DLFPS-FL-3104 | 2.6 | 6.2 | 6.5 | 6.0 | 1.5 | 5.8 | 6.3 | 5.0 | 5.0 | 4.8 | 4.7 | 5.7 | 4.8 | 4.8 | 2.8 | 6.5 | 6.8 | 7.3 | 7.0 | 3.9 | 6.5 |
| DLFPS-FRC-3105 | 3.3 | 6.8 | 6.6 | 6.0 | 6.3 | 4.6 | 5.9 | 6.9 | 6.8 | 5.8 | 5.8 | 4.9 | 4.6 | 6.2 | 4.5 | 6.5 | 4.7 | 6.7 | 6.9 | 5.3 | 5.9 |
| FOXFIRE 2 | 3.7 | 6.2 | 6.4 | 5.9 | 4.6 | 3.5 | 5.9 | 5.1 | 4.2 | 4.3 | 4.0 | 3.7 | 4.3 | 6.0 | 5.3 | 3.7 | 5.0 | 6.6 | 5.8 | 4.9 | 5.4 |
| GLADIATOR | 1.9 | 6.0 | 6.2 | 5.8 | 1.5 | . | 6.1 | 5.9 | 4.7 | 4.8 | 4.3 | 6.5 | 5.0 | 3.5 | 3.0 | 4.8 | 6.4 | 7.3 | 7.0 | 4.2 | 6.8 |
| JAMESTOWN VII | 2.6 | 6.5 | 6.3 | 6.1 | 5.0 | 4.3 | 5.5 | 6.1 | 5.9 | 5.2 | 5.8 | 4.0 | 4.3 | 6.2 | 4.5 | 4.6 | 4.6 | 6.1 | 6.0 | 4.8 | 5.1 |
| KEVIN | 3.1 | 6.0 | 6.4 | 5.7 | 4.7 | 3.9 | 5.3 | 5.2 | 3.9 | 4.3 | 3.6 | 3.6 | 4.4 | 6.5 | 4.1 | 2.8 | 5.1 | 5.8 | 5.9 | 5.0 | 5.3 |
| NAI-CHU1 | 3.5 | 6.8 | 6.6 | 6.2 | 6.8 | 3.9 | 5.1 | 6.6 | 7.0 | 5.4 | 6.3 | 4.4 | 5.1 | 6.6 | 3.9 | 6.7 | 5.5 | 6.2 | 6.5 | 4.9 | 5.7 |
| NAVIGATOR III (PPG-FRR 127) | 3.6 | 6.9 | 6.5 | 5.9 | 5.3 | 4.1 | 5.8 | 6.3 | 5.7 | 5.8 | 5.8 | 4.3 | 5.3 | 7.7 | 6.1 | 6.9 | 4.8 | 6.9 | 6.8 | 5.3 | 6.3 |
| PPG-FRC-130 | 3.8 | 6.8 | 6.2 | 6.0 | 5.8 | 4.4 | 6.0 | 6.8 | 6.6 | 5.8 | 6.2 | 4.6 | 5.3 | 5.4 | 5.5 | 6.3 | 4.9 | 7.4 | 6.3 | 5.0 | 6.3 |
| PPG-FRR 132 | 3.8 | 6.2 | 6.3 | 5.8 | 5.5 | 3.3 | 5.5 | 5.9 | 5.4 | 5.2 | 5.4 | 3.9 | 4.5 | 6.7 | 5.5 | 3.9 | 4.4 | 6.6 | 6.0 | 4.9 | 6.0 |
| PPG-FRR-134 | 4.1 | 6.5 | 6.5 | 6.2 | 5.5 | 4.6 | 5.5 | 6.2 | 5.2 | 5.4 | 5.1 | 4.0 | 5.3 | 6.8 | 5.6 | 5.0 | 5.3 | 6.7 | 6.4 | 5.8 | 5.8 |
| PST-4SWTM | 2.9 | 6.3 | 6.3 | 6.0 | 3.9 | 4.1 | 5.6 | 5.6 | 5.5 | 4.3 | 4.8 | 3.8 | 4.3 | 5.6 | 3.5 | 4.1 | 4.9 | 6.3 | 6.0 | 4.8 | 5.7 |
| PVF-HSY+ | 4.1 | 6.7 | 6.5 | 6.1 | 5.1 | 4.7 | 5.4 | 6.0 | 5.5 | 5.3 | 5.4 | 3.9 | 4.6 | 7.2 | 5.9 | 5.5 | 5.0 | 6.9 | 6.3 | 4.8 | 5.9 |
| PVF-MVP-2020 | 3.2 | 6.6 | 6.2 | 6.1 | 5.7 | 4.8 | 5.7 | 6.8 | 6.2 | 5.8 | 5.5 | 4.2 | 4.9 | 6.5 | 4.6 | 6.5 | 4.9 | 6.7 | 6.3 | 5.5 | 5.8 |
| PVF-PDB-2020 | 3.4 | 6.6 | 6.3 | 5.9 | 2.3 | 5.8 | 6.2 | 6.3 | 5.0 | 5.2 | 4.8 | 6.8 | 5.9 | 4.1 | 3.9 | 6.5 | 6.6 | 8.0 | 7.2 | 4.8 | 6.5 |
| QUATRO | 2.1 | 6.4 | 6.1 | 5.8 | 1.4 | . | 5.4 | 4.4 | 3.5 | 4.0 | 3.6 | 4.8 | 4.7 | 2.6 | 4.2 | 5.0 | 5.6 | 5.4 | 6.6 | 4.0 | 5.3 |
| RAD-FC59 | 2.3 | 6.3 | 6.3 | 6.2 | 4.8 | 3.7 | 5.8 | 6.3 | 5.6 | 5.3 | 5.4 | 4.7 | 4.6 | 4.8 | 3.9 | 5.2 | 4.3 | 7.0 | 6.1 | 4.6 | 6.0 |
| RAD-FR64 | 4.2 | 5.9 | 6.5 | 5.9 | 4.3 | 3.9 | 5.3 | 4.9 | 4.1 | 3.9 | 3.8 | 3.8 | 4.5 | 4.2 | 3.8 | 3.0 | 4.5 | 6.2 | 5.4 | 4.3 | 5.3 |
| RADAR II (PPG-FRC 127) | 3.5 | 6.8 | 6.4 | 6.3 | 6.5 | 3.9 | 5.7 | 7.0 | 6.5 | 5.9 | 6.2 | 5.3 | 5.3 | 5.9 | 4.9 | 6.2 | 4.9 | 6.9 | 6.5 | 5.0 | 6.3 |
| RESOLUTE | 2.0 | 6.0 | 6.3 | 6.1 | 1.9 | 5.6 | 5.8 | 5.6 | 4.8 | 5.0 | 4.3 | 5.4 | 5.2 | 4.0 | 3.1 | 6.3 | 6.3 | 7.3 | 7.1 | 4.2 | 5.9 |
| SEABREEZE GT | 2.8 | 5.9 | 6.3 | 6.0 | 5.4 | . | 5.4 | 5.2 | 4.8 | 3.9 | 4.3 | 2.8 | 4.2 | 3.3 | 1.7 | 3.4 | 4.1 | 5.8 | 5.7 | 5.4 | 5.4 |
| SHADOW IV (PST-4SHAD) | 3.1 | 6.3 | 6.3 | 6.0 | 5.4 | 3.5 | 5.8 | 5.7 | 5.8 | 4.1 | 5.5 | 3.7 | 4.7 | 6.5 | 3.8 | 4.3 | 5.1 | 6.1 | 5.9 | 4.3 | 5.4 |
| SPHD-20 | 2.7 | 6.1 | 6.6 | 6.0 | 1.7 | 5.7 | 5.9 | 5.3 | 4.2 | 5.0 | 4.2 | 6.2 | 4.7 | 4.1 | 3.3 | 5.3 | 6.2 | 7.0 | 7.3 | 3.8 | 6.4 |
| STB1 | 3.5 | 6.2 | 6.3 | 6.2 | 5.7 | 4.1 | 5.5 | 5.7 | 5.5 | 4.9 | 5.5 | 3.7 | 5.7 | 6.7 | 4.8 | 3.8 | 4.2 | 6.4 | 6.1 | 4.5 | 5.5 |
| SWORD II (NAI-HAQ1+2) | 2.3 | 6.3 | 6.5 | 6.0 | 1.9 | 5.5 | 6.4 | 5.8 | 5.0 | 5.0 | 4.7 | 5.8 | 5.5 | 4.2 | 4.0 | 6.4 | 6.0 | 7.8 | 7.3 | 4.6 | 6.4 |
| TENACIOUS (NAI-HTB2) | 3.2 | 6.1 | 6.3 | 5.9 | 1.8 | 5.1 | 6.2 | 5.8 | 5.3 | 4.8 | 5.3 | 6.1 | 5.3 | 4.9 | 3.8 | 6.2 | 5.2 | 7.4 | 7.2 | 5.6 | 6.5 |
| | | | | | | | | | | | | | | | | | | | | | |
| LSD VALUE | 1.4 | 0.4 | 0.4 | 0.5 | 1.0 | 1.1 | 0.4 | 0.7 | 0.7 | 0.7 | 0.7 | 1.8 | 0.7 | 1.2 | 1.4 | 0.9 | 1.3 | 0.6 | 0.6 | 1.1 | 0.6 |
| C.V. (%) | 28.5 | 4.3 | 3.7 | 4.7 | 14.6 | 15.4 | 4.7 | 8.0 | 8.1 | 9.3 | 9.5 | 24.3 | 8.8 | 13.5 | 20.0 | 11.6 | 15.6 | 5.9 | 5.5 | 14.8 | 5.9 |

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 5.                          TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS
                                    GROWN AT SIXTEEN LOCATIONS IN THE U.S.  1/
                                                  2023 DATA

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

| NAME | CA3 | FL3 | FL5 | IN1 | KS2 | MS1 | NC1 | NM1 | NM2 | OK1 | OK3 | TN1 | TN2 | TX2 | TX3 | VA1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTRO | 4.1 | 6.5 | 5.2 | 5.2 | 5.3 | 4.6 | 6.6 | 7.4 | 7.3 | 5.9 | 5.5 | 5.6 | 5.8 | 3.9 | 4.3 | 7.0 |
| CELEBRATION HYBRID (MSB-1017) | 5.2 | 6.5 | 6.3 | 4.1 | 4.4 | 5.0 | 5.8 | 8.7 | 8.2 | 5.7 | 4.9 | 6.0 | 6.2 | 4.3 | 5.2 | 6.9 |
| DLF-460/3048 | 3.8 | 6.0 | 5.9 | 4.9 | 4.8 | 4.2 | 5.8 | 6.3 | 7.3 | 5.1 | 5.0 | 6.3 | 5.8 | 4.1 | 3.7 | 5.9 |
| FB 1628 | 6.2 | 6.9 | 6.6 | 4.4 | 4.7 | 5.5 | 7.0 | 8.8 | 7.7 | 6.3 | 5.3 | 6.3 | 6.3 | 3.7 | 4.9 | 6.7 |
| FB 1630 | 5.1 | 6.3 | 6.2 | 5.2 | 4.5 | 4.8 | 5.6 | 7.4 | 6.1 | 4.8 | 4.3 | 6.6 | 6.4 | 2.8 | 3.0 | 5.9 |
| FB 1902 | 5.3 | 5.5 | 6.2 | 4.2 | 5.1 | 4.2 | 5.7 | 7.3 | 7.9 | 5.0 | 4.8 | 5.9 | 6.4 | 3.5 | 3.7 | 5.8 |
| FB 1903 | 5.5 | 6.2 | 5.5 | 4.6 | 4.5 | 4.8 | 6.7 | 8.5 | 8.3 | 5.4 | 4.5 | 6.0 | 6.4 | 3.2 | 2.4 | 5.4 |
| JSC 2013-10S | 4.4 | 6.5 | 4.9 | 5.0 | 5.6 | 4.7 | 7.0 | 7.8 | 8.1 | 5.3 | 5.0 | 6.0 | 5.8 | 4.1 | 4.3 | 6.4 |
| JSC 2013-12S | 4.5 | 6.5 | 4.8 | 5.5 | 5.5 | 4.8 | 6.5 | 7.5 | 7.7 | 5.3 | 5.1 | 6.0 | 5.4 | 4.6 | 5.3 | 6.0 |
| JSC 2013-5S | 4.7 | 6.3 | 4.9 | 5.1 | 5.5 | 4.2 | 5.8 | 7.6 | 7.6 | 5.2 | 5.0 | 6.0 | 5.6 | 3.5 | 3.7 | 6.2 |
| JSC 2013-7S | 3.9 | 6.6 | 5.0 | 5.4 | 5.1 | 4.7 | 6.4 | 7.5 | 7.4 | 5.1 | 4.9 | 6.1 | 5.3 | 3.5 | 3.6 | 6.6 |
| JSC 2013-8S | 4.0 | 6.3 | 6.0 | 4.2 | 5.7 | 4.7 | 5.8 | 7.7 | 7.8 | 5.5 | 5.0 | 6.3 | 5.8 | 3.4 | 4.2 | 5.9 |
| JSC 77V | 3.7 | 6.2 | 6.0 | 5.1 | 5.3 | 5.0 | 6.8 | 7.5 | 7.7 | 6.1 | 5.4 | 5.8 | 5.8 | 4.0 | 3.0 | 6.4 |
| JSC 80V | 3.8 | 6.5 | 5.0 | 5.2 | 5.8 | 5.0 | 7.4 | 7.1 | 7.3 | 6.0 | 5.6 | 5.2 | 5.1 | 3.8 | 4.4 | 6.8 |
| LATITUDE 36 | 4.4 | 6.6 | 5.9 | 5.1 | 6.1 | 5.0 | 6.8 | 8.5 | 7.9 | 6.5 | 5.7 | 5.7 | 5.7 | 4.1 | 3.5 | 7.4 |
| MONACO | 4.3 | 6.5 | 5.8 | 4.9 | 5.4 | 4.7 | 6.4 | 7.3 | 7.7 | 5.4 | 5.0 | 5.9 | 5.4 | 3.0 | 4.0 | 6.9 |
| MSB-1026 | 4.6 | 6.6 | 5.2 | 5.3 | 4.1 | 4.9 | 4.7 | 7.9 | 8.1 | 5.6 | 4.8 | 5.8 | 6.3 | 2.7 | 3.6 | 6.2 |
| MSB-1042 | 5.2 | 6.2 | 5.4 | 4.4 | 5.5 | 4.6 | 6.4 | 8.7 | 8.2 | 6.1 | 5.4 | 6.6 | 6.8 | 4.2 | 3.6 | 7.6 |
| MSB-1048 | 5.1 | 5.9 | 6.4 | 4.5 | 4.7 | 5.0 | 5.2 | 8.3 | 8.3 | 5.6 | 5.2 | 5.4 | 5.4 | 4.0 | 4.8 | 6.7 |
| MSB-1050 | 5.0 | 6.5 | 5.4 | 5.4 | 3.9 | 5.4 | 5.3 | 8.2 | 8.0 | 4.5 | 4.2 | 5.5 | 6.0 | 3.7 | 5.6 | 6.4 |
| MSB-1075 | 5.6 | 6.5 | 5.4 | 5.1 | 3.1 | 5.0 | 3.7 | 8.0 | 8.1 | 4.8 | 4.4 | 5.6 | 5.8 | 3.0 | 5.5 | 5.4 |
| OKC1406 | 4.2 | 6.5 | 5.2 | 5.9 | 5.3 | 4.7 | 6.7 | 8.2 | 7.1 | 5.8 | 5.3 | 5.1 | 4.8 | 3.0 | 4.8 | 6.2 |
| OKC1666 | 3.6 | 5.8 | 4.6 | 6.3 | 5.7 | 4.3 | 5.3 | 7.5 | 7.1 | 5.7 | 5.0 | 5.6 | 5.6 | 3.4 | 3.8 | 6.7 |
| OKC1682 | 4.5 | 6.3 | 6.1 | 5.6 | 4.8 | 4.4 | 5.2 | 7.9 | 8.3 | 6.3 | 5.4 | 5.7 | 5.9 | 4.0 | 4.3 | 6.6 |
| OKC1873 | 5.3 | 6.2 | 5.5 | 3.9 | 5.1 | 4.5 | 5.2 | 8.7 | 7.6 | 5.4 | 5.0 | 5.2 | 5.3 | 3.0 | 2.8 | 6.8 |
| OKC1876 | 6.0 | 6.4 | 5.8 | 3.4 | 4.7 | 5.1 | 5.2 | 8.5 | 7.7 | 6.0 | 5.1 | 5.5 | 5.2 | 3.0 | 3.4 | 7.2 |
| OKS2015-1 | 4.1 | 5.8 | 4.9 | 5.2 | 5.5 | 4.6 | 6.4 | 7.4 | 7.7 | 5.0 | 4.8 | 6.6 | 5.8 | 2.9 | 3.3 | 6.4 |
| OKS2015-3 | 3.9 | 5.9 | 5.3 | 3.5 | 5.6 | 4.8 | 6.6 | 7.1 | 7.6 | 5.3 | 5.1 | 6.1 | 5.9 | 4.0 | 3.0 | 6.7 |
| OKS2015-7 | 3.6 | 6.5 | 5.7 | 3.7 | 4.9 | 4.5 | 6.6 | 7.0 | 7.7 | 5.5 | 5.1 | 6.2 | 5.7 | 3.2 | 3.6 | 6.2 |
| PST-R6TM | 3.8 | 5.7 | 4.4 | 5.0 | 4.5 | 4.1 | 5.4 | 6.5 | 6.5 | 5.1 | 5.0 | 6.3 | 5.9 | 3.1 | 3.4 | 6.1 |
| RIVIERA | 3.9 | 6.1 | 6.1 | 4.9 | 5.5 | 4.7 | 7.1 | 6.9 | 7.7 | 5.4 | 5.1 | 6.1 | 5.4 | 2.9 | 2.9 | 6.3 |
| SUN QUEEN (PST-R6MM) | 3.6 | 5.9 | 5.3 | 5.5 | 4.7 | 4.3 | 5.1 | 6.7 | 6.9 | 5.0 | 5.0 | 6.2 | 5.9 | 3.8 | 3.8 | 5.8 |
| TAHOMA 31 | 5.2 | 6.6 | 5.9 | 5.5 | 5.2 | 5.0 | 7.4 | 8.6 | 8.8 | 6.8 | 5.8 | 5.5 | 5.9 | 3.5 | 4.4 | 6.9 |
| TIFTUF | 6.5 | 6.7 | 6.0 | 4.6 | 5.5 | 4.9 | 7.5 | 8.8 | 8.9 | 6.1 | 5.5 | 5.8 | 6.2 | 4.7 | 4.5 | 7.3 |
| TIFWAY | 5.9 | 6.7 | 5.8 | 2.9 | 5.0 | 4.9 | 7.2 | 8.6 | 8.5 | 5.9 | 5.2 | 5.9 | 6.0 | 3.9 | 3.2 | 7.1 |
| LSD VALUE | 0.5 | 0.5 | 1.3 | 1.5 | 0.6 | 0.5 | 1.1 | 0.7 | 0.9 | 0.5 | 0.4 | 0.9 | 1.2 | 1.4 | 1.5 | 0.8 |
| C.V. (%) | 7.3 | 4.6 | 14.4 | 18.0 | 7.8 | 6.8 | 11.4 | 5.4 | 7.5 | 5.4 | 5.1 | 9.3 | 12.8 | 23.3 | 21.5 | 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 6.                    MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
                            GROWN AT TWELVE LOCATIONS IN THE U.S.  1/
                                              2023 DATA

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

| NAME | CA3 | FL1 | FL3 | FL5 | GA1 | IN1 | KS1 | NC1 | OK1 | TN1 | TX1 | TX2 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 15-TZ-11715 | 4.9 | 4.9 | 6.7 | 6.7 | 5.8 | 5.8 | 7.0 | 6.2 | 5.6 | 4.4 | 3.7 | 4.8 |
| 16-TZ-12783 | 5.6 | 5.3 | 6.7 | 6.5 | 5.8 | 2.7 | 5.9 | 5.0 | 5.3 | 5.5 | 3.8 | 5.3 |
| 16-TZ-13463 | 5.5 | 5.1 | 6.0 | 6.8 | 5.8 | 4.1 | 4.3 | 5.4 | 5.1 | 5.1 | 3.2 | 3.9 |
| DALZ 1311 | 5.0 | 5.2 | 7.0 | 7.0 | 5.7 | 6.0 | 6.8 | 6.9 | 5.7 | 4.1 | 5.4 | 5.5 |
| DALZ 1408 | 5.6 | 6.0 | 6.0 | 7.6 | 5.7 | 2.0 | 4.0 | 5.4 | 5.5 | 5.3 | 4.8 | 4.5 |
| DALZ 1409 | 6.0 | 5.5 | 6.3 | 6.6 | 5.5 | . | 4.6 | 5.6 | 6.0 | 4.8 | 5.9 | 4.5 |
| DALZ 1601 | 5.2 | 4.7 | 7.1 | 7.1 | 5.6 | 6.3 | 7.1 | 7.1 | 6.0 | 5.1 | 5.7 | 3.4 |
| DALZ 1603 | 5.4 | 5.3 | 7.0 | 7.1 | 5.4 | 6.4 | 6.9 | 7.0 | 5.5 | 5.4 | 5.2 | 4.4 |
| DALZ 1613 | 5.6 | 4.6 | 6.1 | 6.7 | 5.7 | 5.9 | 7.3 | 6.4 | 5.5 | 5.2 | 4.6 | 4.1 |
| DALZ 1614 | 5.9 | 4.2 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 6.5 | 5.6 | 5.0 | 4.4 | 4.3 |
| DALZ 1701 | 5.7 | 5.6 | 6.8 | 6.4 | 5.9 | 7.1 | 7.2 | 6.9 | 6.5 | 5.0 | 4.2 | 4.7 |
| DALZ 1707 | 5.7 | 4.4 | 7.2 | 6.6 | 5.8 | 6.9 | 7.3 | 7.6 | 6.3 | 5.3 | 5.0 | 4.3 |
| DALZ 1713 | 4.8 | 5.3 | 7.0 | 7.4 | 5.7 | 5.2 | 5.5 | 3.6 | 5.6 | 4.6 | 5.7 | 5.3 |
| DALZ 1714 | 5.5 | 5.0 | 6.8 | 6.9 | 5.4 | . | 4.1 | 3.9 | 5.5 | 5.0 | 4.6 | 5.0 |
| DALZ 1802 | 6.1 | 5.0 | 6.6 | 5.9 | 5.2 | . | 1.0 | 5.4 | 5.7 | 4.7 | 5.4 | 4.8 |
| DALZ 1806 | 5.8 | 4.6 | 6.3 | 6.4 | 5.4 | 1.3 | 3.7 | 3.3 | 5.2 | 5.3 | 3.9 | 3.0 |
| DALZ 1807 | 5.6 | 3.3 | 6.1 | 5.8 | 5.3 | . | 1.0 | 4.4 | 4.6 | 5.3 | 5.4 | 2.8 |
| DALZ 1808 | 5.7 | 6.5 | 6.5 | 7.3 | 5.7 | 6.8 | 7.6 | 6.3 | 6.3 | 5.4 | 4.6 | 4.6 |
| EMERALD | 5.6 | 5.1 | 7.0 | 6.6 | 5.2 | 6.7 | 7.3 | 6.6 | 6.3 | 5.5 | 6.3 | 4.0 |
| EMPIRE | 4.7 | 4.7 | 7.1 | 7.0 | 5.9 | 6.4 | 6.5 | 5.9 | 5.9 | 4.5 | 4.1 | 4.8 |
| FAES 1319 | 5.9 | 6.6 | 7.3 | 7.1 | 5.6 | 6.7 | 6.8 | 7.1 | 5.7 | 5.0 | 5.1 | 5.8 |
| FAES 1335 | 5.9 | 5.3 | 6.4 | 7.3 | 5.6 | 2.6 | 6.2 | 4.7 | 5.4 | 5.4 | 4.7 | 4.1 |
| FZ 1327 | 5.3 | 6.0 | 6.2 | 6.9 | 6.0 | 5.9 | 7.1 | 6.5 | 5.8 | 5.0 | 3.1 | 3.6 |
| FZ 1367 | 5.5 | 5.5 | 5.8 | 7.4 | 5.9 | 1.0 | 4.1 | 5.2 | 5.3 | 5.0 | 4.9 | 3.7 |
| FZ 1368 | 5.3 | 6.8 | 6.3 | 6.5 | 5.4 | . | 1.0 | 4.1 | 5.4 | 5.0 | 3.9 | 3.3 |
| FZ 1407 | 5.2 | 4.8 | 6.8 | 7.1 | 5.5 | 6.5 | 6.9 | 6.9 | 5.9 | 4.8 | 5.3 | 2.3 |
| FZ 1410 | 5.2 | 5.2 | 6.8 | 7.2 | 5.7 | 6.5 | 6.9 | 6.6 | 5.5 | 5.1 | 4.0 | 3.2 |
| FZ 1422 | 5.5 | 6.0 | 6.8 | 6.9 | 5.4 | 6.7 | 7.0 | 6.5 | 6.0 | 5.4 | 5.4 | 4.9 |
| FZ 1436 | 5.4 | 5.5 | 5.8 | 7.6 | 5.4 | 1.0 | 3.6 | 4.2 | 5.3 | 5.2 | 4.8 | 4.1 |
| FZ 1440 | 5.5 | 5.6 | 5.8 | 7.4 | 5.6 | 3.2 | 5.4 | 4.6 | 5.3 | 5.1 | 4.6 | 3.5 |
| FZ 1721 | 4.8 | 3.5 | 3.3 | 5.6 | 5.6 | . | 3.5 | 1.5 | 4.1 | 4.4 | 2.6 | 3.0 |
| FZ 1722 | 6.1 | 6.6 | 6.5 | 7.4 | 5.9 | 2.9 | 6.0 | 6.6 | 5.6 | 4.9 | 3.7 | 3.8 |
| FZ 1723 | 5.7 | 6.4 | 6.2 | 6.9 | 5.7 | 5.4 | 5.8 | 5.6 | 5.8 | 5.2 | 3.8 | 3.3 |
| FZ 1727 | 5.6 | 4.8 | 5.9 | 6.8 | 5.2 | 5.3 | 7.3 | 6.8 | 5.7 | 5.1 | 3.6 | 4.9 |
| FZ 1728 | 5.3 | 5.4 | 4.4 | 6.1 | 5.5 | 1.9 | 5.7 | 2.9 | 4.8 | 5.2 | 3.3 | 2.1 |
| FZ 1732 | 5.7 | 6.6 | 6.7 | 6.9 | 5.5 | 4.8 | 7.0 | 6.3 | 5.6 | 4.9 | 5.1 | 1.9 |
| MEYER | 4.4 | 4.2 | 5.1 | 6.3 | 5.6 | 6.1 | 5.8 | 4.8 | 6.2 | 5.0 | 2.8 | 2.8 |
| UGA GZ 17-4 | 6.1 | 6.1 | 6.3 | 6.4 | 5.6 | 1.3 | 3.2 | 5.9 | 5.8 | 4.7 | 5.7 | 5.4 |
| ZEON | 5.6 | 5.3 | 6.3 | 6.5 | 5.3 | 6.7 | 7.5 | 5.7 | 5.9 | 4.6 | 5.9 | 4.0 |
| | | | | | | | | | | | | |
| LSD VALUE | 0.5 | 1.3 | 0.6 | 0.8 | 0.7 | 1.5 | 1.2 | 1.2 | 0.6 | 0.9 | 1.4 | 2.2 |
| C.V. (%) | 5.4 | 15.2 | 5.7 | 7.5 | 7.5 | 18.1 | 13.1 | 13.4 | 6.4 | 11.7 | 19.3 | 33.2 |

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 7.    MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON GRASS CULTIVARS GROWN ON
A GREEN AT FIVE LOCATIONS IN THE U.S.  1/
2023 DATA

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

| NAME | | CA3 | FL3 | MS1 | TX2 | VA6 |
|------|------|-----|-----|-----|-----|-----|
| DALZ 1814 | ZG | 5.9 | 7.4 | 5.7 | 3.1 | 6.3 |
| DALZ 1815 | ZG | 6.2 | 7.6 | 5.6 | 2.2 | 6.9 |
| DIAMOND | ZG | 5.3 | 7.8 | 5.7 | 4.1 | 6.5 |
| FB 1901 | BG | 5.7 | 6.4 | 4.7 | 3.3 | 5.7 |
| FZ 1710 | ZG | 7.0 | 8.1 | 4.5 | 3.8 | 5.8 |
| FZ 1714 | ZG | 6.2 | 7.4 | 4.8 | 3.0 | 6.2 |
| FZ 1717 | ZG | 6.0 | 7.5 | 5.4 | 3.6 | 6.5 |
| MINI-VERDE | BG | 6.0 | 6.6 | 5.2 | 3.1 | 5.8 |
| MSB-1050 | BG | 4.5 | 7.3 | 5.8 | 3.4 | 6.6 |
| OKC0805 | BG | 5.1 | 6.2 | 4.4 | 3.2 | 5.7 |
| OKC0920 | BG | 5.4 | 5.7 | 4.7 | 2.6 | 5.6 |
| OKC3920 | BG | 5.7 | 5.3 | 4.5 | 5.1 | 5.2 |
| SEASTAR | SP | 5.1 | 6.8 | 5.8 | 3.9 | 2.5 |
| TAHOMA 31 | BG | 5.3 | 6.8 | 5.4 | 3.2 | 6.1 |
| TIFDWARF | BG | 5.8 | 5.7 | 4.5 | 4.0 | 5.5 |
| TIFEAGLE | BG | 5.8 | 6.4 | 5.0 | 3.6 | 5.9 |
| UGA 16-1105 | SP | 5.5 | 6.3 | 5.2 | 4.1 | 2.5 |
| UGA 17-622 | SP | 5.1 | 6.3 | 5.2 | 2.8 | 2.5 |
| UGA 17-653 | SP | 5.5 | 5.9 | 6.1 | 3.1 | 2.5 |
| | | | | | | |
| LSD VALUE | | 0.5 | 0.5 | 0.7 | 1.9 | 0.5 |
| C.V. (%) | | 5.2 | 4.3 | 8.7 | 30.2 | 5.8 |

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

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

TABLE 8.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWENTY-TWO LOCATIONS IN THE U.S.
2023 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CT1 | GA1 | IA1 | IA2 | IA3 | IN1 | KS1 | MA1 | MI1 | MS1 | NC1 | NE1 | NJ1 | NJ2 | OK1 | ON1 | OR1 | TN1 | UT1 | UT2 | VA1 | VA2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3B2 | 6.5 | 7.6 | 6.4 | 6.3 | 5.3 | 5.3 | 4.7 | 5.6 | 6.7 | 4.2 | 5.8 | 6.6 | 5.9 | 4.8 | 5.5 | 5.6 | 5.4 | 6.8 | 6.6 | 6.6 | 5.6 | 5.7 |
| 5LSS | 6.9 | 7.5 | 6.5 | 6.5 | 5.3 | 7.0 | 5.0 | 5.6 | 6.8 | 4.0 | 6.4 | 6.8 | 6.0 | 6.1 | 4.5 | 4.2 | 6.1 | 6.6 | 6.9 | 7.1 | 6.5 | 6.6 |
| A-TF31 | 6.4 | 7.4 | 6.6 | 6.6 | 5.2 | 4.8 | 3.7 | 5.1 | 6.2 | 4.1 | 4.9 | 6.5 | 5.6 | 3.4 | 4.8 | 5.7 | 5.4 | 6.6 | 6.3 | 6.1 | 6.0 | 6.3 |
| AST8118LM | 6.4 | 7.2 | 6.4 | 6.4 | 5.0 | 4.6 | 3.5 | 5.0 | 6.4 | 4.0 | 4.3 | 6.5 | 4.9 | 3.1 | 5.2 | 5.3 | 4.6 | 6.7 | 6.8 | 6.4 | 5.7 | 5.3 |
| AST8218LM | 6.3 | 7.3 | 6.4 | 6.4 | 5.0 | 5.0 | 4.1 | 4.9 | 6.3 | 3.4 | 4.5 | 6.3 | 4.0 | 3.9 | 5.1 | 5.7 | 4.8 | 6.8 | 6.8 | 6.4 | 5.7 | 5.7 |
| ATF1768 | 6.3 | 7.5 | 6.5 | 6.5 | 5.0 | 5.2 | 4.8 | 5.5 | 6.5 | 3.8 | 6.0 | 6.4 | 5.0 | 4.6 | 5.2 | 6.1 | 5.2 | 6.9 | 6.6 | 6.3 | 6.2 | 6.2 |
| ATF2116 | 6.3 | 7.5 | 6.5 | 6.4 | 5.3 | 5.1 | 4.9 | 4.9 | 6.5 | 4.5 | 5.5 | 6.5 | 4.4 | 3.7 | 5.2 | 6.0 | 5.1 | 6.6 | 6.7 | 6.4 | 5.5 | 5.4 |
| AVENGER III (PPG-TF 308) | 6.7 | 7.9 | 6.7 | 6.4 | 5.6 | 5.7 | 5.1 | 5.3 | 6.8 | 4.1 | 6.8 | 6.7 | 6.1 | 5.9 | 5.5 | 5.3 | 6.0 | 6.6 | 6.8 | 6.7 | 5.9 | 6.3 |
| BANDIT | 6.3 | 7.3 | 6.6 | 6.6 | 5.2 | 5.0 | 3.9 | 5.1 | 6.4 | 3.9 | 4.8 | 6.4 | 5.0 | 3.6 | 5.0 | 5.7 | 4.8 | 6.3 | 6.7 | 6.6 | 6.0 | 5.7 |
| BAR FA 8228 | 6.0 | 7.1 | 6.5 | 6.3 | 5.1 | 4.2 | 4.8 | 4.8 | 6.1 | 4.5 | 4.7 | 5.8 | 3.0 | 3.0 | 4.8 | 6.3 | 4.5 | 6.5 | 6.3 | 6.2 | 5.0 | 5.1 |
| BAR-FA8230 | 6.2 | 7.1 | 6.4 | 6.3 | 5.1 | 4.6 | 4.7 | 5.0 | 6.6 | 4.4 | 4.9 | 6.3 | 3.5 | 3.9 | 5.1 | 6.4 | 4.9 | 6.4 | 6.4 | 6.1 | 5.8 | 6.0 |
| BARNOBLE (BAR 9FE MAS) | 6.2 | 7.3 | 6.5 | 6.2 | 4.9 | 4.4 | 4.3 | 4.1 | 6.8 | 2.9 | 5.1 | 6.4 | 2.3 | 3.3 | 4.5 | 6.0 | 5.0 | 6.6 | 6.3 | 6.2 | 5.2 | 5.4 |
| BATTLE HAWK (NAI-ROS4) | 6.9 | 7.8 | 6.5 | 6.4 | 5.3 | 5.6 | 4.2 | 5.8 | 6.4 | 4.1 | 6.8 | 6.9 | 6.6 | 6.0 | 5.3 | 4.7 | 5.8 | 6.8 | 6.9 | 6.9 | 6.2 | 6.1 |
| BENTLEY (DLFPS-321/3679) | 6.5 | 7.5 | 6.3 | 6.3 | 5.0 | 5.4 | 5.0 | 6.0 | 6.6 | 4.2 | 4.9 | 6.9 | 5.6 | 5.2 | 5.5 | 6.0 | 5.3 | 6.6 | 6.4 | 6.6 | 5.9 | 5.9 |
| BIRMINGHAM | 6.1 | 7.3 | 6.7 | 6.4 | 5.3 | 4.7 | 4.3 | 5.0 | 6.7 | 3.0 | 4.4 | 6.4 | 4.9 | 3.6 | 5.0 | 6.1 | 5.1 | 6.4 | 6.7 | 6.4 | 5.2 | 5.4 |
| BLADERUNNER 3 (DLFPS-321/3701) | 6.9 | 7.7 | 6.7 | 6.4 | 5.3 | 5.9 | 5.3 | 5.7 | 6.5 | 4.1 | 6.1 | 6.9 | 5.8 | 5.1 | 5.6 | 5.5 | 6.0 | 6.4 | 6.8 | 6.5 | 6.4 | 6.6 |
| BONFIRE (JS DTT) | 6.9 | 7.6 | 6.5 | 6.6 | 5.3 | 6.2 | 5.5 | 6.1 | 6.1 | 4.6 | 6.4 | 6.6 | 5.9 | 6.4 | 5.2 | 5.2 | 6.4 | 6.5 | 6.7 | 6.7 | 6.5 | 6.7 |
| BRAVO 2 | 6.2 | 7.6 | 6.6 | 6.5 | 5.4 | 4.6 | 4.2 | 5.0 | 6.6 | 3.7 | 5.2 | 6.6 | 5.2 | 3.6 | 5.4 | 6.1 | 5.0 | 6.6 | 6.5 | 6.3 | 5.6 | 5.7 |
| BULLSEYE | 6.3 | 7.4 | 6.5 | 6.5 | 5.4 | 4.5 | 4.1 | 5.6 | 6.4 | 2.9 | 5.0 | 6.5 | 5.1 | 4.3 | 5.3 | 6.0 | 5.1 | 6.5 | 6.7 | 6.7 | 5.5 | 5.6 |
| BULLSEYE LTZ | 6.8 | 7.7 | 6.8 | 6.5 | 5.3 | 6.7 | 4.7 | 5.6 | 6.3 | 4.1 | 6.5 | 6.7 | 7.0 | 5.3 | 5.4 | 5.0 | 5.7 | 6.6 | 6.7 | 6.6 | 6.7 | 6.6 |
| CAPITAN (DLFPS-321/3705) | 6.8 | 7.5 | 6.6 | 6.3 | 5.3 | 6.7 | 4.9 | 5.6 | 7.1 | 4.4 | 7.4 | 7.0 | 4.5 | 6.1 | 5.6 | 4.9 | 5.3 | 6.5 | 6.7 | 6.7 | 6.4 | 6.3 |
| CLASH (AH1) | 7.0 | 7.6 | 6.7 | 6.6 | 5.0 | 5.9 | 4.8 | 5.7 | 6.8 | 4.5 | 6.8 | 7.0 | 6.9 | 6.7 | 4.9 | 5.2 | 6.5 | 6.7 | 7.0 | 7.0 | 6.1 | 5.9 |
| COL-TF-148 | 6.9 | 7.8 | 6.6 | 6.3 | 5.5 | 5.9 | 4.6 | 5.6 | 6.8 | 4.8 | 6.2 | 6.7 | 6.1 | 6.7 | 5.0 | 5.7 | 6.4 | 6.7 | 6.7 | 6.9 | 6.0 | 5.9 |
| COPIOUS TF | 6.6 | 7.5 | 6.4 | 6.5 | 5.5 | 5.2 | 4.1 | 5.1 | 6.5 | 3.9 | 5.2 | 6.6 | 5.2 | 4.1 | 4.7 | 5.4 | 4.9 | 6.7 | 6.7 | 6.7 | 5.6 | 5.6 |
| DAYBREAK (AH2) | 7.0 | 7.6 | 6.5 | 6.3 | 5.4 | 5.6 | 5.8 | 6.0 | 6.6 | 3.8 | 7.3 | 6.7 | 7.4 | 7.1 | 5.6 | 5.1 | 6.0 | 6.6 | 6.8 | 6.2 | 6.2 | 6.3 |
| DEGAS (LTP-TF-111) | 6.9 | 7.5 | 6.5 | 6.5 | 5.4 | 6.2 | 4.8 | 5.8 | 6.8 | 4.5 | 6.7 | 6.6 | 5.3 | 5.9 | 5.3 | 5.0 | 5.8 | 6.4 | 6.9 | 6.9 | 6.2 | 6.6 |
| DLFPS-321/3693 | 7.0 | 7.4 | 6.5 | 6.2 | 5.3 | 6.0 | 4.4 | 5.1 | 6.5 | 4.2 | 5.9 | 7.0 | 6.6 | 6.0 | 5.2 | 4.7 | 6.0 | 6.6 | 6.9 | 6.8 | 6.1 | 6.0 |
| DLFPS-321/3694 | 6.8 | 7.7 | 6.5 | 6.4 | 5.0 | 5.2 | 3.7 | 5.6 | 6.7 | 3.5 | 5.4 | 6.7 | 6.0 | 5.8 | 5.4 | 4.9 | 6.0 | 6.4 | 6.8 | 6.7 | 6.1 | 6.2 |
| DLFPS-321/3695 | 6.8 | 7.8 | 6.5 | 6.5 | 5.0 | 5.7 | 4.2 | 5.1 | 6.3 | 4.2 | 5.6 | 6.6 | 6.0 | 6.4 | 5.4 | 4.6 | 5.9 | 6.4 | 7.0 | 6.4 | 6.5 | 6.6 |
| DLFPS-321/3703 | 6.9 | 7.6 | 6.5 | 6.6 | 5.3 | 5.1 | 4.7 | 5.6 | 6.4 | 3.9 | 5.5 | 6.3 | 6.2 | 4.6 | 5.4 | 4.8 | 5.5 | 6.8 | 6.6 | 6.5 | 5.9 | 6.0 |
| DLFPS-321/3706 | 6.7 | 7.3 | 6.5 | 6.5 | 5.3 | 6.0 | 4.7 | 5.1 | 6.4 | 3.3 | 6.1 | 6.8 | 6.3 | 5.7 | 5.5 | 5.0 | 6.1 | 6.7 | 6.9 | 6.8 | 6.5 | 6.6 |
| DLFPS-321/3707 | 7.0 | 7.7 | 6.5 | 6.3 | 5.3 | 5.7 | 4.7 | 5.5 | 6.4 | 4.2 | 7.2 | 6.7 | 6.6 | 6.2 | 5.3 | 4.6 | 6.6 | 6.5 | 6.8 | 6.4 | 6.6 | 6.7 |
| DLFPS-321/3708 | 7.0 | 7.6 | 6.4 | 6.4 | 5.0 | 5.7 | 5.1 | 5.1 | 6.5 | 4.5 | 6.8 | 6.7 | 5.8 | 6.2 | 5.2 | 5.3 | 6.5 | 7.1 | 6.9 | 6.3 | 6.6 | 6.8 |
| DLFPS-TF/3553 | 7.0 | 7.6 | 6.3 | 6.3 | 5.0 | 5.9 | 4.3 | 5.6 | 6.5 | 4.3 | 6.2 | 6.6 | 5.9 | 6.0 | 5.0 | 5.0 | 6.1 | 6.6 | 6.8 | 6.8 | 6.6 | 6.5 |
| DRAGSTER | 6.9 | 7.3 | 6.6 | 6.6 | 5.3 | 6.0 | 5.3 | 6.2 | 6.7 | 4.6 | 6.1 | 6.9 | 4.6 | 6.2 | 5.4 | 5.2 | 6.0 | 6.9 | 6.6 | 6.9 | 5.9 | 6.2 |
| DYNAMITE G-LS (PPG-TF 254) | 6.7 | 7.7 | 6.6 | 6.5 | 5.7 | 6.0 | 5.1 | 5.7 | 6.4 | 4.5 | 5.8 | 6.6 | 6.2 | 6.0 | 5.4 | 5.7 | 5.7 | 6.8 | 6.7 | 6.7 | 6.0 | 5.9 |
| ENDGAME (3N1) | 6.8 | 7.3 | 6.6 | 6.3 | 5.0 | 5.9 | 3.5 | 5.0 | 6.8 | 2.6 | 5.5 | 6.8 | 6.2 | 4.6 | 5.2 | 5.4 | 5.7 | 6.8 | 6.7 | 6.7 | 6.2 | 6.1 |
| ESCALADE | 6.2 | 7.0 | 6.5 | 6.3 | 4.9 | 4.1 | 4.3 | 5.2 | 6.6 | 3.7 | 4.5 | 6.6 | 3.7 | 2.8 | 5.2 | 6.4 | 4.8 | 6.4 | 6.5 | 6.3 | 5.5 | 5.5 |
| ESSENTIAL 2 (DLFPS-TF/3552) | 6.9 | 7.6 | 6.5 | 6.4 | 5.2 | 6.0 | 4.4 | 5.8 | 6.7 | 4.3 | 7.3 | 6.8 | 5.8 | 6.3 | 5.2 | 5.3 | 5.5 | 6.8 | 6.6 | 6.5 | 6.0 | 6.2 |
| ESTRENA | 6.6 | 7.4 | 6.5 | 6.4 | 5.0 | 6.0 | 3.6 | 5.5 | 6.9 | 2.7 | 5.3 | 6.7 | 5.9 | 4.4 | 5.4 | 5.4 | 5.6 | 6.3 | 6.9 | 6.9 | 6.0 | 6.0 |
| EXPANSE (PPG-TF 262) | 7.3 | 7.9 | 6.6 | 6.4 | 5.1 | 6.0 | 4.8 | 5.8 | 6.9 | 3.8 | 6.9 | 6.8 | 7.0 | 6.6 | 5.5 | 5.5 | 6.2 | 6.8 | 7.0 | 6.9 | 6.5 | 6.6 |
| EXTRAVAGANZA (PST-5MCMO) | 6.3 | 7.5 | 6.7 | 6.3 | 5.5 | 5.8 | 5.1 | 5.2 | 6.5 | 4.4 | 6.2 | 6.5 | 5.0 | 4.9 | 5.4 | 6.2 | 5.5 | 6.9 | 6.7 | 6.7 | 6.0 | 5.8 |
| FAIRFIELD (SETF104) | 6.8 | 7.8 | 6.1 | 6.2 | 5.3 | 5.0 | 5.1 | 5.2 | 6.5 | 3.8 | 5.5 | 6.5 | 5.1 | 5.0 | 4.9 | 4.9 | 6.4 | 6.5 | 6.5 | 6.4 | 6.0 | 5.9 |
| FALCON SUPREME (RH1) | 6.6 | 7.6 | 6.4 | 6.4 | 5.3 | 5.3 | 5.1 | 5.8 | 6.7 | 4.3 | 7.1 | 7.0 | 6.1 | 5.9 | 5.3 | 5.4 | 6.1 | 6.8 | 6.7 | 6.4 | 6.0 | 5.8 |

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWENTY-TWO LOCATIONS IN THE U.S.
2023 DATA

TABLE 8.
(CONT'D)

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CT1 | GA1 | IA1 | IA2 | IA3 | IN1 | KS1 | MA1 | MI1 | MS1 | NC1 | NE1 | NJ1 | NJ2 | OK1 | ON1 | OR1 | TN1 | UT1 | UT2 | VA1 | VA2 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| FASTLANE (BY-TF-169) | 6.5 | 7.6 | 6.5 | 6.5 | 4.9 | 6.0 | 4.9 | 5.1 | 6.7 | 4.2 | 5.2 | 6.7 | 4.9 | 6.3 | 5.4 | 5.2 | 5.8 | 6.9 | 6.7 | 6.7 | 6.2 | 6.0 |
| FAYETTE | 6.5 | 6.9 | 6.6 | 6.7 | 5.3 | 5.1 | 4.5 | 5.2 | 6.8 | 3.2 | 5.3 | 6.5 | 5.3 | 4.9 | 5.5 | 6.2 | 5.0 | 6.7 | 6.5 | 6.7 | 6.0 | 6.0 |
| FINELAWN SUPREME (RH3) | 6.7 | 7.6 | 6.6 | 6.4 | 5.2 | 5.9 | 5.1 | 6.0 | 6.4 | 3.4 | 6.6 | 6.9 | 6.8 | 5.7 | 5.0 | 5.1 | 6.2 | 6.6 | 6.9 | 6.7 | 6.4 | 6.4 |
| FIRECRACKER G-LS (PPG-TF 315) | 6.8 | 7.7 | 6.5 | 6.5 | 5.6 | 6.4 | 4.8 | 5.7 | 6.4 | 3.5 | 6.2 | 6.8 | 5.1 | 5.5 | 5.1 | 4.9 | 6.1 | 6.4 | 6.9 | 6.8 | 6.1 | 6.2 |
| FIREHAWK SLT | 6.6 | 7.7 | 6.5 | 6.5 | 5.1 | 5.9 | 4.8 | 5.5 | 6.7 | 3.5 | 6.2 | 6.7 | 6.3 | 4.8 | 5.4 | 5.3 | 5.1 | 6.8 | 6.8 | 6.9 | 6.0 | 6.0 |
| FIRENZA II (PPG-TF 244) | 6.8 | 7.6 | 6.7 | 6.5 | 5.5 | 5.9 | 5.2 | 5.5 | 6.8 | 4.5 | 6.5 | 6.7 | 6.8 | 6.4 | 5.6 | 5.0 | 6.1 | 6.5 | 6.8 | 6.3 | 6.2 | 6.2 |
| GALACTIC (SESCR1) | 6.8 | 7.9 | 6.3 | 6.3 | 5.2 | 5.6 | 4.9 | 5.5 | 6.4 | 3.4 | 6.9 | 6.6 | 5.9 | 6.1 | 5.5 | 5.1 | 6.3 | 6.7 | 6.8 | 6.9 | 6.1 | 6.2 |
| GALLARDO (DLFPS-TF/3550) | 6.7 | 7.8 | 6.6 | 6.3 | 5.0 | 5.6 | 5.5 | 5.1 | 6.5 | 4.2 | 6.8 | 6.7 | 6.5 | 6.0 | 5.5 | 5.2 | 5.7 | 6.5 | 6.8 | 6.6 | 6.7 | 6.7 |
| GLX ACED (PST-5DART) | 6.6 | 7.7 | 6.6 | 6.6 | 5.3 | 5.7 | 5.0 | 5.8 | 6.3 | 4.0 | 5.9 | 6.5 | 6.0 | 5.4 | 5.5 | 6.0 | 5.7 | 6.6 | 6.5 | 6.5 | 6.0 | 6.2 |
| GLX REVIVE (PST-5GLBS) | 6.5 | 7.7 | 6.5 | 6.6 | 5.5 | 5.4 | 5.4 | 5.9 | 6.7 | 4.7 | 6.4 | 6.5 | 5.2 | 4.9 | 5.2 | 6.0 | 5.6 | 6.6 | 6.6 | 6.4 | 5.4 | 5.7 |
| GRAND PRIX (FC15-01P) | 6.1 | 7.0 | 6.3 | 6.4 | 5.0 | 4.9 | 4.1 | 5.0 | 6.4 | 3.4 | 4.9 | 6.7 | 3.8 | 3.0 | 4.8 | 5.8 | 5.1 | 6.6 | 6.4 | 6.3 | 5.1 | 5.1 |
| GRANDE 3 | 6.5 | 7.4 | 6.3 | 6.5 | 5.4 | 5.1 | 3.5 | 5.5 | 6.7 | 4.2 | 5.9 | 6.5 | 5.2 | 5.4 | 5.3 | 4.7 | 5.4 | 6.6 | 6.6 | 6.6 | 5.6 | 5.7 |
| GRO-PRO (SE53D2) | 6.5 | 7.5 | 6.6 | 6.4 | 5.0 | 5.2 | 3.9 | 5.4 | 6.4 | 4.3 | 5.8 | 6.6 | 5.3 | 4.3 | 5.5 | 5.9 | 5.2 | 6.6 | 6.3 | 6.4 | 5.6 | 5.6 |
| HELLCAT GLR (PST-5E6) | 6.3 | 7.3 | 6.3 | 6.1 | 5.3 | 5.6 | 6.1 | 5.4 | 6.7 | 4.6 | 6.3 | 6.8 | 5.8 | 4.6 | 4.9 | 5.4 | 5.8 | 6.7 | 6.6 | 6.6 | 6.1 | 6.2 |
| HEMI | 6.6 | 7.7 | 6.6 | 6.7 | 5.2 | 4.7 | 5.1 | 5.9 | 6.8 | 4.0 | 6.6 | 6.7 | 5.0 | 5.5 | 4.9 | 5.1 | 6.0 | 6.6 | 6.7 | 6.5 | 6.3 | 6.3 |
| HOUNDOG NINE (DLFPS-321/3702) | 6.9 | 7.6 | 6.6 | 6.2 | 4.8 | 5.7 | 4.8 | 5.6 | 6.6 | 4.2 | 5.9 | 6.7 | 6.0 | 6.2 | 5.2 | 4.9 | 5.9 | 6.6 | 6.8 | 6.7 | 6.1 | 6.4 |
| JT 233 | 6.8 | 7.5 | 6.5 | 6.5 | 5.1 | 5.7 | 3.7 | 5.7 | 6.7 | 3.6 | 5.8 | 6.9 | 6.8 | 5.1 | 5.1 | 5.5 | 5.3 | 6.6 | 6.6 | 6.5 | 6.4 | 6.4 |
| JT 517 | 6.5 | 7.4 | 6.3 | 6.4 | 5.4 | 5.3 | 4.1 | 5.2 | 6.2 | 4.5 | 5.0 | 6.7 | 4.6 | 4.5 | 5.0 | 6.2 | 5.2 | 6.9 | 6.9 | 6.5 | 6.3 | 6.5 |
| K18-NSE | 6.8 | 7.7 | 6.5 | 6.4 | 4.9 | 6.3 | 4.4 | 5.5 | 6.6 | 2.3 | 6.3 | 7.0 | 5.1 | 6.4 | 4.8 | 4.0 | 6.2 | 6.8 | 7.0 | 7.1 | 6.0 | 6.0 |
| K18-RS6 | 6.9 | 7.6 | 6.4 | 6.3 | 4.7 | 5.8 | 5.5 | 6.1 | 6.6 | 3.3 | 7.0 | 6.7 | 6.0 | 6.4 | 4.8 | 5.2 | 5.9 | 6.8 | 6.6 | 6.9 | 6.2 | 6.4 |
| K18-WB1 | 6.6 | 7.7 | 6.5 | 6.6 | 5.3 | 5.8 | 4.8 | 5.5 | 6.4 | 3.1 | 6.5 | 6.6 | 5.6 | 5.6 | 4.8 | 4.5 | 6.2 | 6.7 | 6.9 | 6.7 | 6.3 | 6.3 |
| KENTUCKY-31 | 5.0 | 6.1 | 6.3 | 6.1 | 5.0 | 3.0 | 4.0 | 2.3 | 3.9 | 2.8 | 3.7 | 5.5 | 1.0 | 1.1 | 3.6 | 6.0 | 2.6 | 6.6 | 5.6 | 5.4 | 3.1 | 2.3 |
| KIZZLE (K18-ROE) | 6.6 | 7.4 | 6.5 | 6.3 | 5.1 | 5.5 | 4.9 | 5.3 | 6.8 | 4.7 | 6.4 | 6.4 | 5.9 | 4.8 | 5.6 | 5.9 | 6.1 | 6.4 | 6.7 | 6.7 | 5.9 | 6.0 |
| LAFAYETTE (GO-AOMK) | 6.4 | 7.5 | 6.6 | 6.5 | 4.8 | 4.9 | 4.4 | 5.1 | 6.6 | 4.0 | 5.0 | 6.3 | 5.2 | 4.1 | 5.0 | 5.8 | 5.2 | 7.0 | 6.7 | 5.9 | 5.6 | 5.3 |
| LBF | 6.4 | 7.7 | 6.5 | 6.3 | 5.4 | 5.0 | 4.4 | 4.9 | 6.6 | 4.6 | 5.1 | 6.1 | 5.2 | 4.7 | 5.2 | 5.0 | 4.7 | 6.7 | 6.6 | 6.6 | 5.6 | 5.7 |
| LIFEGUARD | 6.5 | 7.8 | 6.5 | 6.3 | 5.3 | 5.5 | 5.1 | 5.5 | 6.8 | 3.9 | 6.0 | 6.4 | 5.4 | 5.6 | 4.9 | 6.3 | 5.6 | 6.8 | 6.6 | 6.4 | 6.0 | 6.1 |
| MONUMENT (PST-5SQB) | 6.4 | 7.4 | 6.3 | 6.3 | 5.4 | 5.2 | 4.1 | 5.2 | 6.4 | 4.3 | 5.1 | 6.3 | 5.6 | 4.6 | 5.3 | 6.1 | 4.4 | 6.6 | 6.4 | 6.5 | 5.4 | 5.5 |
| MOONDANCE GLX | 6.4 | 7.4 | 6.5 | 6.6 | 5.7 | 5.1 | 3.5 | 5.4 | 6.6 | 4.1 | 5.3 | 6.5 | 4.9 | 4.3 | 5.4 | 4.8 | 6.3 | 6.5 | 6.6 | 5.8 | 5.9 | |
| NAI-FQZ-17 | 6.3 | 7.3 | 6.6 | 6.4 | 5.2 | 4.6 | 3.5 | 5.0 | 6.4 | 3.7 | 5.4 | 6.4 | 4.3 | 3.4 | 5.2 | 5.9 | 5.2 | 6.5 | 6.5 | 6.3 | 6.0 | 5.8 |
| NAI-ST5 | 6.8 | 7.9 | 6.3 | 6.4 | 4.9 | 5.2 | 4.5 | 5.3 | 6.9 | 3.9 | 6.6 | 6.7 | 6.1 | 5.8 | 5.5 | 6.1 | 5.8 | 6.8 | 6.7 | 6.6 | 6.2 | 6.4 |
| NATURALLY GREEN | 6.5 | 7.3 | 6.6 | 6.4 | 5.4 | 4.6 | 4.7 | 5.2 | 6.1 | 4.3 | 5.1 | 6.2 | 4.8 | 3.5 | 4.9 | 6.4 | 4.9 | 6.7 | 6.8 | 6.6 | 5.2 | 5.4 |
| NT-3 | 6.9 | 7.7 | 6.7 | 6.4 | 5.3 | 6.0 | 5.5 | 5.7 | 6.7 | 3.8 | 6.5 | 6.6 | 6.2 | 6.1 | 5.0 | 5.8 | 5.6 | 6.8 | 6.8 | 6.4 | 6.2 | 6.3 |
| OG-WALK | 6.1 | 7.0 | 6.5 | 6.5 | 5.0 | 4.2 | 4.1 | 4.3 | 6.6 | 3.2 | 4.4 | 6.5 | 3.0 | 2.6 | 4.9 | 6.2 | 4.9 | 6.3 | 6.0 | 6.0 | 4.7 | 4.7 |
| OKEEFE (LTP-TF-122) | 6.8 | 7.6 | 6.4 | 6.3 | 5.2 | 5.9 | 4.9 | 5.8 | 6.4 | 3.8 | 6.0 | 6.7 | 5.8 | 5.7 | 5.6 | 5.3 | 6.3 | 6.6 | 6.7 | 6.8 | 5.8 | 6.1 |
| ORIOLE (PST-5BYOB) | 6.3 | 7.6 | 6.5 | 6.5 | 5.5 | 5.4 | 4.1 | 5.6 | 6.7 | 4.0 | 5.8 | 6.5 | 5.3 | 4.0 | 5.3 | 6.0 | 5.0 | 7.0 | 6.4 | 6.7 | 6.2 | 6.0 |
| PADRE 2 | 6.7 | 7.6 | 6.5 | 6.5 | 5.5 | 5.2 | 4.2 | 5.3 | 6.7 | 2.9 | 5.7 | 6.9 | 6.7 | 4.2 | 5.5 | 5.4 | 5.4 | 6.7 | 6.5 | 6.6 | 6.1 | 6.0 |
| PALOMAR | 6.0 | 6.9 | 6.6 | 6.5 | 4.7 | 4.3 | 4.1 | 4.7 | 6.6 | 3.5 | 4.3 | 6.3 | 3.0 | 3.3 | 4.7 | 6.2 | 4.5 | 6.3 | 6.0 | 6.0 | 5.1 | 5.0 |
| PARAMOUNT | 6.7 | 7.5 | 6.6 | 6.5 | 4.8 | 5.5 | 4.2 | 5.9 | 6.7 | 3.7 | 5.7 | 6.6 | 6.0 | 4.9 | 5.0 | 5.0 | 5.6 | 6.4 | 6.6 | 6.9 | 5.7 | 5.9 |
| PPG-TF 231 | 7.0 | 7.6 | 6.4 | 6.3 | 5.3 | 6.0 | 3.8 | 5.9 | 6.6 | 3.9 | 5.2 | 6.6 | 6.4 | 4.8 | 5.3 | 5.6 | 5.8 | 6.6 | 6.6 | 6.8 | 6.5 | 6.5 |
| PPG-TF 249 | 6.8 | 7.6 | 6.6 | 6.3 | 5.3 | 6.1 | 4.5 | 5.8 | 6.7 | 3.9 | 5.4 | 7.0 | 5.5 | 6.2 | 5.6 | 6.0 | 5.5 | 6.6 | 6.6 | 6.7 | 6.3 | |
| PPG-TF 312 | 7.1 | 7.7 | 6.2 | 6.3 | 5.2 | 6.3 | 4.0 | 5.2 | 6.3 | 2.4 | 6.1 | 7.0 | 4.8 | 5.4 | 4.8 | 4.1 | 5.6 | 6.7 | 7.0 | 6.8 | 6.4 | 6.6 |
| PPG-TF 316 | 6.8 | 7.4 | 6.8 | 6.6 | 5.5 | 6.3 | 5.1 | 6.0 | 6.6 | 3.8 | 6.8 | 6.9 | 6.0 | 6.0 | 5.5 | 4.9 | 6.0 | 6.5 | 6.8 | 6.6 | 6.3 | 6.5 |
| PPG-TF 318 | 6.7 | 7.4 | 6.4 | 6.4 | 5.4 | 5.6 | 4.7 | 5.8 | 6.5 | 3.3 | 6.9 | 6.5 | 5.3 | 6.3 | 5.4 | 6.2 | 5.7 | 6.4 | 6.9 | 6.7 | 6.1 | 6.2 |
| PPG-TF 337 | 6.7 | 7.8 | 6.5 | 6.5 | 5.6 | 6.3 | 4.7 | 5.5 | 6.5 | 4.3 | 6.9 | 6.8 | 6.0 | 5.3 | 5.5 | 5.1 | 5.7 | 6.7 | 6.8 | 6.5 | 6.0 | 5.8 |

TABLE 8.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWENTY-TWO LOCATIONS IN THE U.S.
2023 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CT1 | GA1 | IA1 | IA2 | IA3 | IN1 | KS1 | MA1 | MI1 | MS1 | NC1 | NE1 | NJ1 | NJ2 | OK1 | ON1 | OR1 | TN1 | UT1 | UT2 | VA1 | VA2 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| PRO GOLD | 6.5 | 7.4 | 6.5 | 6.5 | 5.4 | 5.1 | 4.1 | 6.2 | 6.3 | 4.4 | 5.1 | 6.6 | 6.1 | 3.2 | 5.1 | 5.8 | 5.0 | 6.9 | 6.3 | 6.8 | 5.7 | 5.8 |
| PROVIDENCE (GO-RH20) | 6.8 | 7.8 | 6.5 | 6.4 | 5.2 | 5.5 | 5.2 | 6.0 | 6.7 | 4.4 | 7.6 | 6.9 | 7.5 | 6.1 | 5.7 | 5.4 | 6.0 | 6.7 | 6.8 | 6.6 | 6.0 | 6.0 |
| PST-5DC24 | 6.4 | 7.3 | 6.5 | 6.3 | 5.3 | 5.0 | 4.3 | 5.2 | 6.9 | 4.8 | 5.3 | 6.8 | 5.4 | 4.4 | 5.1 | 6.0 | 5.2 | 6.7 | 6.7 | 6.4 | 6.0 | 6.1 |
| PST-5DZM | 6.5 | 7.4 | 6.5 | 6.4 | 5.3 | 5.3 | 4.5 | 5.5 | 6.5 | 4.8 | 5.3 | 6.4 | 5.1 | 4.6 | 5.2 | 6.9 | 5.3 | 6.7 | 6.6 | 6.6 | 6.0 | 6.1 |
| PST-5GQ | 6.4 | 7.8 | 6.5 | 6.4 | 5.1 | 5.9 | 4.5 | 5.5 | 6.7 | 4.2 | 6.2 | 6.9 | 5.5 | 5.0 | 5.1 | 5.9 | 5.5 | 6.5 | 6.6 | 6.5 | 5.8 | 6.0 |
| PST-5MINK | 6.3 | 7.4 | 6.6 | 6.4 | 5.5 | 5.1 | 4.2 | 5.7 | 6.6 | 3.5 | 5.0 | 6.3 | 4.5 | 4.7 | 5.0 | 6.7 | 4.7 | 6.6 | 6.5 | 6.6 | 5.3 | 5.4 |
| PST-5THM | 6.5 | 7.7 | 6.3 | 6.4 | 5.1 | 5.0 | 5.2 | 5.1 | 6.7 | 3.9 | 6.0 | 6.6 | 4.2 | 4.8 | 5.3 | 6.1 | 5.0 | 6.8 | 6.5 | 6.6 | 5.2 | 5.6 |
| PST-5TRN | 6.5 | 7.5 | 6.5 | 6.5 | 5.4 | 5.5 | 5.3 | 4.7 | 6.8 | 4.3 | 6.5 | 6.5 | 5.6 | 5.0 | 5.3 | 5.8 | 5.4 | 6.4 | 6.5 | 6.6 | 5.9 | 6.3 |
| RACEWAY (DLFPS-321/3696) | 6.5 | 7.7 | 6.4 | 6.3 | 5.3 | 5.9 | 4.9 | 5.8 | 6.9 | 4.0 | 5.8 | 6.7 | 5.8 | 5.4 | 5.0 | 6.3 | 5.9 | 6.9 | 6.7 | 6.7 | 6.0 | 6.0 |
| RAD-TF105 | 6.8 | 7.6 | 6.3 | 6.3 | 5.0 | 5.6 | 4.9 | 5.6 | 6.6 | 3.5 | 5.8 | 6.4 | 4.5 | 5.2 | 4.8 | 5.7 | 4.9 | 6.9 | 6.8 | 6.6 | 6.0 | 6.1 |
| RAD-TF115 (TURBO SS) | 6.6 | 7.3 | 6.4 | 6.5 | 5.4 | 5.0 | 4.6 | 4.9 | 5.9 | 3.8 | 4.8 | 6.5 | 4.2 | 4.2 | 4.0 | 3.7 | 5.5 | 6.6 | 6.4 | 5.7 | 6.0 | 6.2 |
| RAD-TF131 | 6.3 | 7.7 | 6.6 | 6.4 | 5.3 | 4.4 | 4.4 | 5.1 | 6.2 | 3.2 | 5.1 | 6.3 | 4.8 | 4.1 | 4.3 | 4.0 | 5.2 | 6.8 | 6.3 | 5.9 | 5.5 | 5.7 |
| RAPTOR III | 6.8 | 7.6 | 6.4 | 6.5 | 5.2 | 5.1 | 4.9 | 5.7 | 6.8 | 4.9 | 5.8 | 6.3 | 6.3 | 5.9 | 5.0 | 5.4 | 5.8 | 6.8 | 6.8 | 6.6 | 5.9 | 6.0 |
| RAPTOR LS (PPG-TF 336) | 7.1 | 7.9 | 6.6 | 6.6 | 5.7 | 6.3 | 5.2 | 5.8 | 6.4 | 3.9 | 6.2 | 6.7 | 4.8 | 5.9 | 5.1 | 4.9 | 6.0 | 6.6 | 6.9 | 6.6 | 5.8 | 5.9 |
| RC4 | 6.8 | 7.6 | 6.7 | 6.8 | 5.6 | 5.7 | 4.8 | 5.8 | 6.5 | 3.7 | 6.5 | 6.7 | 6.9 | 6.8 | 5.2 | 4.8 | 5.8 | 6.6 | 6.7 | 6.6 | 6.1 | 6.1 |
| RDC | 6.8 | 7.6 | 6.2 | 6.1 | 5.2 | 6.1 | 5.3 | 5.7 | 6.7 | 3.5 | 5.4 | 6.7 | 6.1 | 5.7 | 5.4 | 5.9 | 6.1 | 6.7 | 6.6 | 6.4 | 6.1 | 6.2 |
| RHF | 6.8 | 7.6 | 6.7 | 6.5 | 5.3 | 6.2 | 5.0 | 5.3 | 6.7 | 4.6 | 6.5 | 6.7 | 6.0 | 6.4 | 4.8 | 4.8 | 6.0 | 6.4 | 7.0 | 6.6 | 5.6 | 5.5 |
| RHL2 | 7.0 | 7.8 | 6.6 | 6.4 | 5.1 | 6.6 | 5.3 | 5.7 | 6.4 | 2.4 | 6.5 | 6.6 | 5.5 | 6.6 | 4.8 | 5.4 | 6.1 | 6.6 | 7.0 | 6.7 | 6.0 | 6.4 |
| ROVER (PPG-TF 306) | 7.0 | 7.8 | 6.3 | 6.3 | 5.5 | 6.2 | 4.9 | 6.1 | 6.6 | 3.8 | 6.5 | 6.6 | 6.0 | 6.1 | 5.0 | 5.9 | 6.0 | 6.9 | 6.8 | 6.7 | 6.3 | 6.4 |
| ROWDIER (DLFPS-321/3699) | 6.7 | 7.8 | 6.5 | 6.4 | 5.4 | 5.5 | 5.1 | 5.7 | 6.8 | 4.4 | 5.4 | 6.6 | 5.1 | 5.6 | 5.6 | 5.6 | 5.4 | 6.8 | 6.9 | 6.5 | 6.1 | 6.4 |
| RS1 | 7.0 | 7.5 | 6.4 | 6.5 | 5.2 | 5.6 | 5.8 | 5.6 | 6.9 | 4.0 | 6.8 | 6.9 | 5.5 | 6.2 | 5.3 | 4.8 | 6.2 | 6.6 | 6.5 | 6.4 | 6.1 | 6.3 |
| SE5STAR | 6.3 | 7.3 | 6.3 | 6.5 | 5.2 | 4.8 | 3.5 | 5.3 | 6.6 | 3.8 | 4.9 | 6.6 | 4.3 | 3.8 | 4.8 | 5.6 | 5.1 | 6.2 | 6.5 | 6.6 | 5.8 | 6.0 |
| SERENADE (PPG-TF 320) | 6.6 | 7.7 | 6.7 | 6.4 | 5.1 | 5.8 | 5.5 | 5.7 | 6.6 | 4.4 | 6.8 | 6.7 | 7.0 | 6.4 | 5.3 | 6.5 | 5.9 | 6.4 | 6.7 | 6.6 | 6.4 | 6.4 |
| SETFM2 | 6.5 | 7.4 | 6.4 | 6.2 | 5.2 | 4.9 | 3.7 | 5.1 | 6.3 | 4.0 | 5.6 | 6.2 | 4.4 | 3.9 | 5.1 | 5.7 | 5.1 | 6.8 | 6.8 | 6.7 | 5.8 | 5.8 |
| SETFM3 | 6.4 | 7.5 | 6.5 | 6.5 | 5.3 | 5.1 | 4.4 | 5.0 | 6.4 | 3.8 | 6.1 | 6.6 | 4.3 | 4.3 | 5.0 | 6.2 | 5.4 | 6.8 | 6.7 | 6.6 | 6.0 | 6.0 |
| SOUTHSIDE(PPG-TF 267) | 6.8 | 7.8 | 6.5 | 6.3 | 5.0 | 6.3 | 5.2 | 5.8 | 6.7 | 4.5 | 6.6 | 6.6 | 7.5 | 5.6 | 5.3 | 5.3 | 6.2 | 6.5 | 6.7 | 6.8 | 6.0 | 6.3 |
| SPYDER 2LS (ZRC1) | 6.9 | 7.8 | 6.5 | 6.5 | 5.0 | 6.0 | 5.3 | 6.1 | 6.8 | 3.6 | 6.5 | 6.6 | 7.1 | 6.2 | 5.3 | 5.5 | 6.1 | 6.4 | 6.9 | 6.7 | 6.0 | 6.2 |
| SR 8700 (TMT1) | 6.8 | 8.0 | 6.4 | 6.4 | 5.3 | 5.4 | 4.5 | 5.8 | 6.9 | 3.7 | 5.5 | 6.8 | 5.0 | 6.3 | 5.7 | 5.4 | 6.1 | 6.8 | 6.7 | 6.3 | 6.1 | 6.1 |
| STEALTH (PPG-TF 238) | 7.0 | 8.0 | 6.7 | 6.6 | 5.6 | 5.9 | 4.7 | 5.8 | 6.8 | 3.5 | 6.7 | 6.5 | 6.9 | 6.3 | 5.3 | 5.8 | 6.3 | 6.5 | 6.7 | 6.7 | 5.9 | 6.1 |
| SYMPHONY (PPG-TF 305) | 6.7 | 7.6 | 6.5 | 6.5 | 5.3 | 5.9 | 5.1 | 5.5 | 6.6 | 4.8 | 6.2 | 6.9 | 6.5 | 5.9 | 5.6 | 5.2 | 5.9 | 6.4 | 7.0 | 6.7 | 6.6 | 6.6 |
| TALLADEGA II (NAI-3N2) | 6.8 | 7.7 | 6.3 | 6.2 | 5.4 | 5.7 | 3.5 | 6.0 | 6.6 | 3.5 | 5.2 | 6.4 | 6.4 | 4.7 | 5.3 | 5.2 | 5.8 | 6.9 | 6.7 | 6.8 | 5.8 | 6.1 |
| TANGO | 6.3 | 7.6 | 6.5 | 6.4 | 5.2 | 4.8 | 3.9 | 5.1 | 6.8 | 4.2 | 5.4 | 6.3 | 4.3 | 3.6 | 5.1 | 6.1 | 5.3 | 6.6 | 6.4 | 6.4 | 5.3 | 5.3 |
| TANK (PPG-TF 338) | 6.8 | 7.8 | 6.5 | 6.5 | 5.2 | 5.9 | 4.7 | 5.6 | 6.7 | 3.9 | 6.5 | 6.5 | 6.5 | 5.5 | 5.6 | 5.6 | 6.0 | 7.0 | 6.9 | 6.4 | 6.1 | 6.4 |
| TD2 | 7.0 | 7.9 | 6.5 | 6.4 | 5.3 | 5.8 | 4.7 | 5.5 | 6.9 | 4.1 | 6.5 | 6.7 | 6.1 | 6.2 | 5.4 | 5.0 | 5.9 | 6.7 | 6.8 | 6.8 | 6.7 | 6.8 |
| TEACHER (PPG-TF 313) | 7.0 | 7.9 | 6.7 | 6.5 | 5.0 | 6.0 | 5.6 | 5.6 | 6.6 | 4.5 | 6.2 | 6.8 | 5.6 | 6.4 | 4.8 | 5.0 | 6.3 | 6.8 | 6.7 | 6.8 | 6.3 | 6.4 |
| TITAN GLX (TF445) | 6.8 | 7.6 | 6.6 | 6.2 | 5.1 | 5.9 | 5.5 | 5.7 | 6.7 | 4.8 | 6.3 | 6.8 | 6.3 | 6.4 | 5.2 | 6.1 | 5.7 | 6.3 | 6.8 | 6.5 | 6.4 | 6.5 |
| TITAN MAX (TF456) | 6.8 | 7.4 | 6.6 | 6.3 | 5.3 | 6.0 | 5.5 | 5.7 | 6.8 | 4.5 | 6.3 | 6.8 | 6.0 | 5.4 | 5.3 | 6.0 | 5.4 | 6.5 | 6.8 | 6.4 | 6.2 | 6.1 |
| TITANIUM G-LS (PPG-TF 255) | 7.1 | 7.5 | 6.4 | 6.6 | 5.3 | 5.7 | 5.7 | 5.5 | 6.5 | 4.5 | 6.3 | 6.8 | 6.9 | 6.0 | 5.3 | 5.8 | 6.4 | 6.7 | 7.0 | 6.5 | 6.3 | 6.5 |
| TOPSHELF (BGR-TF3) | 6.5 | 7.4 | 6.8 | 6.5 | 5.3 | 5.1 | 4.1 | 5.1 | 6.8 | 3.9 | 4.7 | 6.3 | 4.5 | 3.3 | 5.1 | 5.2 | 5.1 | 6.6 | 6.7 | 6.4 | 5.7 | 5.8 |
| TOUGH (NAI-TUE) | 6.7 | 7.6 | 6.5 | 6.3 | 5.1 | 4.6 | 3.7 | 5.4 | 6.6 | 3.1 | 5.8 | 6.4 | 4.7 | 4.3 | 5.0 | 6.1 | 5.1 | 6.4 | 6.9 | 6.6 | 5.9 | 6.0 |
| TRIAD (PPG-TF 323) | 6.8 | 8.0 | 6.5 | 6.5 | 5.2 | 5.8 | 5.4 | 6.2 | 6.6 | 4.1 | 7.0 | 6.7 | 5.1 | 6.1 | 5.1 | 5.0 | 6.1 | 6.8 | 6.8 | 6.7 | 5.9 | 6.1 |
| VALSETZ (PPG-TF 257) | 6.7 | 7.7 | 6.7 | 6.5 | 5.7 | 6.1 | 4.3 | 5.5 | 6.6 | 3.8 | 6.7 | 6.9 | 6.0 | 6.1 | 5.8 | 5.4 | 5.8 | 7.1 | 6.7 | 6.8 | 6.1 | 5.7 |
| XANADU (JT 268) | 6.8 | 7.8 | 6.5 | 6.4 | 5.4 | 6.2 | 5.7 | 5.8 | 6.8 | 4.3 | 6.6 | 7.0 | 6.4 | 6.3 | 5.7 | 5.5 | 6.0 | 6.3 | 6.9 | 6.7 | 5.9 | 6.0 |
| ZION (BAR TF 134) | 6.9 | 7.6 | 6.5 | 6.6 | 5.0 | 5.9 | 5.1 | 5.3 | 6.8 | 3.7 | 5.8 | 6.9 | 4.9 | 6.2 | 5.3 | 5.1 | 5.5 | 6.6 | 6.8 | 6.7 | 6.1 | 6.3 |
| C.V. (%) | 3.0 | 3.5 | 3.6 | 3.4 | 9.1 | 7.1 | 12.8 | 6.7 | 4.3 | 22.1 | 8.7 | 4.2 | 16.5 | 11.0 | 8.0 | 10.5 | 7.9 | 5.7 | 2.7 | 4.1 | 7.9 | 8.3 |
| LSD VALUE | 0.3 | 0.4 | 0.4 | 0.4 | 0.8 | 0.6 | 1.0 | 0.6 | 0.5 | 1.4 | 0.8 | 0.4 | 1.5 | 0.9 | 0.7 | 0.9 | 0.7 | 0.6 | 0.3 | 0.4 | 0.8 | 0.8 |

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.

# 2022 NATIONAL PERENNIAL RYEGRASS TEST

## LOCATIONS SUBMITTING DATA FOR 2023

| State | Location | Code |
|-------|----------|------|
| California | Palm Desert (Fairway Overseeding) | CA4 |
| Connecticut | Storrs | CT1 |
| Indiana | West Lafayette | IN1 |
| Indiana | West Lafayette (Fairway) | IN2 |
| Iowa | Ames | IA1 |
| Iowa | Ames (Shade) | IA2 |
| Massachusetts | Amherst (Traffic) | MA1 |
| Minnesota | St. Paul | MN1 |
| Nebraska | Mead | NE1 |
| New Jersey | Adelphia | NJ2 |
| Ohio | Wooster | OH2 |
| Ohio | Wooster (Shade) | OH3 |
| Ontario | Guelph Park (Cool Tolerance) | ON1 |
| Oregon | Corvallis | OR1 |
| Quebec | Quebec City | QE1 |
| Utah | Logan | UT1 |
| Virginia | Blacksburg | VA1 |
| Virginia | Blacksburg (Fairway) | VA2 |

**2020 NATIONAL BENTGRASS TEST**
**(Fairway/Tee)**

**LOCATIONS SUBMITTING DATA FOR 2023**

| State | Location | Code |
|-------|----------|------|
| Colorado | Ft. Collins (Salinity) | CO1 |
| Indiana | West Lafayette | IN1 |
| Indiana | West Lafayette (Poa Annua Reduction) | IN2 |
| Iowa | Ames | IA1 |
| Massachusetts | Amherst (Traffic Study) | MA1 |
| New Jersey | North Brunswick | NJ1 |
| Quebec | Quebec City | QE1 |
| Virginia | Blacksburg | VA1 |
| Wisconsin | Madison  (Traffic) | WI1 |

## 2020 NATIONAL BENTGRASS TEST
### (Greens)

## LOCATIONS SUBMITTING DATA FOR 2023

| State | Location | Code |
|---|---|---|
| Illinois | Olympia (Olympia Fields C.C.) | IL5 |
| Indiana | West Lafayette | IN1 |
| Indiana | West Lafayette (Low Fungicide) | IN2 |
| Kansas | Manhattan | KS1 |
| Massachusetts | Amherst (Traffic Study) | MA1 |
| Minnesota | St. Paul | MN1 |
| New Jersey | North Brunswick | NJ1 |
| North Carolina | Raleigh | NC1 |
| Oklahoma | Stillwater | OK1 |
| Utah | Logan | UT1 |
| Virginia | Blacksburg | VA1 |
| Wisconsin | Madison | WI1 |

**2020 NATIONAL FINELEAF FESCUE TEST**

**LOCATIONS SUBMITTING DATA FOR 2023**

| State | Location | Code |
|-------|----------|------|
| Colorado | Ft. Collins (Salinity) | CO1 |
| Connecticut | Storrs | CT1 |
| Iowa | Ames | IA1 |
| Iowa | Ames (Shade) | IA2 |
| Indiana | West Lafayette | IN1 |
| Kansas | Manhattan | KS1 |
| Massachusetts | Amherst (Traffic Study) | MA1 |
| Michigan | East Lansing (with Nitrogen Fert.) | MI1 |
| Michigan | East Lansing (No Nitrogen Fert.) | MI3 |
| Michigan | East Lansing (No traffic) | MI2 |
| Michigan | East Lansing (Traffic) | MI4 |
| Minnesota | St. Paul (Lawn) | MN1 |
| Minnesota | St. Paul (Fairway) | MN2 |
| New Jersey | North Brunswick | NJ1 |
| New Jersey | Adelphia | NJ2 |
| North Carolina | Raleigh | NC1 |
| Quebec | Quebec City | QE1 |
| Utah | Logan | UT1 |
| Virginia | Blacksburg | VA1 |
| Washington | Pullman | WA1 |
| Wisconsin | Madison | WI1 |

### LOCATIONS SUBMITTING DATA FOR 2023

| State | Location | Code |
|---|---|---|
| California | Riverside (Drought) | CA3 |
| Florida | Jay | FL3 |
| Florida | Fort Lauderdale | FL5 |
| Indiana | West Lafayette | IN1 |
| Kansas | Wichita | KS2 |
| Mississippi | Mississippi State | MS1 |
| North Carolina | Raleigh (Traffic) | NC1 |
| New Mexico | Las Cruces (Potable) | NM1 |
| New Mexico | Las Cruces (Salinity) | NM2 |
| Oklahoma | Stillwater (0.5″ Mowing High) | OK1 |
| Oklahoma | Stillwater (1.5″ Mowing High) | OK3 |
| Tennessee | Knoxville | TN1 |
| Tennessee | Knoxville (Traffic) | TN2 |
| Texas | College Station (Drought) | TX2 |
| Texas | College Station (Shade) | TX3 |
| Virginia | Blacksburg | VA1 |

# 2019 NATIONAL ZOYSIAGRASS TEST

## LOCATIONS SUBMITTING DATA FOR 2023

| State | Location | Code |
|---|---|---|
| California | Riverside | CA3 |
| Florida | Gainesville | FL1 |
| Florida | Jay | FL3 |
| Florida | Fort Lauderdale (Large Patch) | FL5 |
| Georgia | Griffin | GA1 |
| Indiana | West Lafayette | IN1 |
| Kansas | Manhattan | KS1 |
| North Carolina | Raleigh (Traffic) | NC1 |
| Oklahoma | Stillwater | OK1 |
| Tennessee | Knoxville | TN1 |
| Texas | Dallas (Drought) | TX1 |
| Texas | College Station (Shade) | TX2 |

## 2019 NATIONAL WARM-SEASON GRASS TEST
### (Greens)

## LOCATIONS SUBMITTING DATA FOR 2023

| State | Location | Code |
|---|---|---|
| California | Riverside | CA3 |
| Florida | Jay | FL3 |
| Mississippi | Mississippi State | MS1 |
| Texas | College Station | TX2 |
| Virginia | Richmond (Country Club of Virginia) | VA6 |

## 2018 NATIONAL TALL FESCUE TEST

## LOCATIONS SUBMITTING DATA FOR 2023

| State | Location | Code |
|---|---|---|
| Connecticut | Storrs | CT1 |
| Georgia | Griffin | GA1 |
| Iowa | Ames | IA1 |
| Iowa | Ames (Traffic) | IA2 |
| Iowa | Ames (Shade) | IA3 |
| Indiana | West Lafayette | IN1 |
| Kansas | Manhattan | KS1 |
| Massachusetts | Amherst (Traffic Study) | MA1 |
| Michigan | East Lansing | MI1 |
| Mississippi | Mississippi State | MS1 |
| Nebraska | Mead | NE1 |
| New Jersey | North Brunswick | NJ1 |
| New Jersey | Adelphia | NJ2 |
| North Carolina | Raleigh | NC1 |
| Oklahoma | Stillwater | OK1 |
| Ontario | Guelph Park (Cool Tolerance) | ON1 |
| Oregon | Corvallis | OR1 |
| Tennessee | Knoxville | TN1 |
| Utah | Logan | UT1 |
| Utah | Logan | UT2 |
| Virginia | Blacksburg (3" Height) | VA1 |
| Virginia | Blacksburg (1.5" Height) | VA2 |