

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE AT NINE LOCATIONS IN THE U.S. 1/ 2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ | | | | | | | | |
|----------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|
| | CO1 | IA1 | IL1 | IN1 | MD1 | NJ1 | QE1 | VA1 | WI1 |
| 007XL | 3.9 | 6.4 | 7.9 | 6.9 | 6.9 | 7.5 | 7.8 | 7.0 | 6.6 |
| BARRACUDA | 3.9 | 6.5 | 7.7 | 6.3 | 6.6 | 5.7 | 7.4 | 6.3 | 6.2 |
| CHINOOK (H10G-OP) | 3.9 | 6.9 | 7.9 | 6.6 | 6.6 | 6.0 | 7.1 | 6.1 | 5.7 |
| DLF-AP-3084 | 3.5 | 6.5 | 7.8 | 6.6 | 6.6 | 7.3 | 7.4 | 6.0 | 5.7 |
| LNS 19 | 3.7 | 6.6 | 8.0 | 6.9 | 7.4 | 7.8 | 7.1 | 6.6 | 6.1 |
| MATCH PLAY | 3.9 | 6.5 | 7.9 | 6.7 | 7.0 | 7.2 | 7.9 | 6.6 | 6.6 |
| MUSKET | 3.7 | 5.8 | 6.5 | 6.0 | 6.8 | 6.0 | 7.4 | 7.2 | 5.1 |
| OAKLEY (PPG-AP-MTV1) | 4.1 | 6.5 | 7.9 | 6.8 | 7.5 | 8.0 | 7.8 | 6.8 | 6.6 |
| PENNCROSS | 3.6 | 7.2 | 5.2 | 5.7 | 3.8 | 3.0 | 7.6 | 5.4 | 5.7 |
| PIPER (PPG-AP-MTV2) | 3.7 | 6.3 | 7.9 | 6.8 | 6.9 | 7.5 | 7.7 | 6.8 | 6.3 |
| PIRANHA | 3.6 | 6.6 | 8.3 | 6.6 | 6.7 | 6.0 | 7.3 | 6.3 | 6.1 |
| PST-OMRN | 4.1 | 7.0 | 7.9 | 6.7 | 6.0 | 6.9 | 7.2 | 5.3 | 6.7 |
| PST-OR20 | 3.8 | 6.6 | 7.7 | 6.8 | 6.0 | 6.4 | 7.1 | 6.0 | 6.2 |
| PST-RODS | 3.8 | 6.7 | 8.1 | 6.5 | 5.7 | 5.3 | 6.9 | 6.1 | 5.7 |
| PVF-PV-1 | 3.7 | 6.4 | 7.7 | 6.5 | 6.9 | 7.4 | 7.7 | 6.8 | 5.9 |
| PVF-PV-2 | 3.9 | 6.3 | 7.9 | 6.8 | 7.0 | 7.3 | 7.2 | 6.2 | 6.1 |
| S1 | 4.1 | 6.6 | 7.9 | 6.5 | 6.8 | 6.0 | 7.7 | 6.7 | 6.6 |
| SHARK | 4.0 | 6.6 | 7.9 | 6.5 | 6.2 | 5.8 | 7.6 | 6.0 | 6.6 |
| TOURPRO | 3.9 | 6.6 | 8.0 | 6.4 | 6.7 | 6.6 | 7.4 | 6.4 | 6.7 |
| LSD VALUE | 0.7 | 0.3 | 0.4 | 0.5 | 0.5 | 0.7 | 0.6 | 0.8 | 0.6 |
| C.V. (%) | 10.8 | 2.5 | 3.4 | 4.8 | 4.6 | 6.9 | 5.1 | 7.7 | 6.3 |

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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 2.

MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT FIFTEEN LOCATIONS IN THE U.S. 1/
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ | | | | | | | | | | | | | | |
|----------------------|--|-----|-----|-----|------|-----|-----|------|-----|------|-----|------|------|------|------|
| | AL1 | IL5 | IN1 | IN2 | KS1 | MA1 | MN1 | MO1 | NC1 | NJ1 | OK1 | OR1 | UT1 | VA1 | WI1 |
| 007XL | 5.5 | 6.8 | 7.3 | 7.0 | 5.8 | 5.8 | 7.7 | 5.8 | 6.8 | 7.4 | 6.3 | 5.5 | 5.7 | 5.5 | 5.6 |
| BARRACUDA | 4.8 | 6.7 | 6.3 | 6.0 | 7.2 | 5.0 | 6.5 | 6.3 | 6.3 | 4.8 | 5.7 | 5.7 | 5.2 | 5.0 | 5.2 |
| CY-4 | 5.6 | 6.9 | 6.0 | 6.1 | 5.4 | 5.7 | 7.3 | 5.5 | 6.1 | 5.8 | 6.3 | 5.7 | 5.7 | 4.9 | 6.1 |
| DECLARATION | 3.9 | 5.7 | 5.4 | 5.6 | 6.1 | 4.6 | 6.0 | 5.0 | 5.7 | 3.6 | 4.7 | 5.3 | 4.9 | 5.3 | 5.0 |
| DLFPS-AP-3084 | 5.9 | 7.1 | 7.0 | 7.1 | 6.0 | 5.5 | 7.4 | 5.9 | 6.0 | 6.3 | 6.2 | 5.4 | 6.1 | 5.4 | 6.0 |
| L-93 XD | 5.3 | 6.7 | 6.4 | 6.1 | 5.2 | 5.2 | 7.1 | 5.6 | 6.5 | 5.7 | 5.8 | 5.2 | 5.9 | 5.3 | 5.9 |
| LNS 19 | 6.0 | 8.0 | 7.1 | 7.3 | 6.0 | 6.0 | 7.3 | 5.5 | 6.3 | 7.7 | 6.2 | 4.9 | 6.5 | 5.3 | 5.4 |
| OAKLEY (PPG-AP-MTV1) | 7.0 | 6.8 | 7.3 | 6.9 | 6.6 | 6.0 | 7.3 | 6.3 | 6.8 | 7.6 | 6.8 | 5.1 | 6.8 | 4.4 | 5.6 |
| PENN A-1 | 4.0 | 5.4 | 5.7 | 5.7 | 6.1 | 5.5 | 6.7 | 4.7 | 6.2 | 3.9 | 5.5 | 5.7 | 4.7 | 5.0 | 5.0 |
| PENNCROSS | 2.5 | 4.7 | 4.0 | 4.2 | 5.6 | 4.1 | 5.2 | 4.0 | 5.4 | 2.1 | 2.9 | 5.8 | 4.1 | 5.2 | 5.0 |
| PIPER (PPG-AP-MTV2) | 5.8 | 7.6 | 7.3 | 7.1 | 6.2 | 6.1 | 7.2 | 5.9 | 6.6 | 7.6 | 6.5 | 5.8 | 5.9 | 4.5 | 5.8 |
| PIRANHA | 5.0 | 7.1 | 6.9 | 6.3 | 6.1 | 5.6 | 7.0 | 5.4 | 6.7 | 6.1 | 6.3 | 6.5 | 5.5 | 5.2 | 6.4 |
| PST-ODSF | 4.2 | 5.9 | 7.1 | 6.8 | 5.3 | 4.7 | 7.3 | 6.4 | 6.5 | 5.2 | 6.8 | 4.7 | 5.6 | 4.6 | 5.7 |
| PST-OHR | 7.0 | 7.7 | 7.5 | 6.6 | 5.7 | 6.8 | 7.4 | 5.5 | 6.4 | 8.0 | 7.7 | 5.7 | 6.3 | 5.1 | 6.1 |
| PSU-CBG1 | 6.4 | 6.5 | 6.8 | 6.0 | 4.3 | 6.1 | 6.0 | 4.9 | 5.5 | 5.6 | 7.3 | 4.5 | 4.3 | 4.8 | 4.4 |
| PSU-CBG2 | 6.3 | 7.2 | 7.4 | 6.4 | 4.4 | 5.8 | 6.4 | 5.1 | 6.0 | 5.9 | 7.1 | 4.9 | 4.6 | 4.3 | 4.9 |
| PSU-CBG3 | 6.2 | 6.2 | 7.0 | 5.6 | 3.8 | 5.9 | 6.2 | 4.1 | 5.6 | 4.8 | 7.5 | 3.6 | 4.1 | 4.4 | 5.1 |
| PVF-PV-1 | 5.7 | 7.3 | 7.3 | 6.9 | 5.9 | 5.8 | 7.2 | 6.2 | 6.5 | 7.3 | 6.3 | 4.5 | 6.6 | 5.5 | 5.8 |
| PVF-PV-2 | 6.6 | 7.8 | 7.1 | 6.5 | 5.2 | 5.8 | 7.4 | 4.2 | 6.9 | 7.5 | 6.7 | 3.6 | 6.3 | 5.5 | 5.8 |
| S1 | 6.2 | 7.2 | 6.5 | 6.0 | 6.2 | 5.1 | 6.5 | 5.3 | 7.0 | 5.6 | 6.0 | 4.9 | 5.5 | 5.1 | 5.6 |
| LSD VALUE | 0.9 | 0.8 | 0.6 | 0.6 | 1.2 | 0.5 | 0.6 | 1.2 | 0.7 | 1.0 | 0.8 | 1.6 | 0.9 | 0.9 | 0.9 |
| C.V. (%) | 10.4 | 7.3 | 5.1 | 6.0 | 13.0 | 5.9 | 5.6 | 14.1 | 6.8 | 10.2 | 8.0 | 19.1 | 10.0 | 11.5 | 10.2 |

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

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

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 3.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT EIGHTEEN LOCATIONS IN THE U.S. AND CANADA
2021 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CO1 | CT1 | DE1 | IA1 | IA2 | IN1 | KS1 | MA1 | MD1 | MI1 | MI2 | MN1 | MN2 | NC1 | NJ1 | NJ2 | OR1 | PA2 | QE1 | UT1 | VA1 | WA1 | WI1 |
|--------------------------|------|------|------|-----|-----|------|------|-----|-----|------|------|------|-----|-----|------|------|-----|-----|-----|-----|-----|------|-----|
| BAR FRC 123 | 4.6 | 5.8 | 5.6 | 6.3 | 6.3 | 6.0 | 4.0 | 5.4 | 4.7 | 6.1 | 5.3 | 6.2 | 5.9 | 4.2 | 4.5 | 3.2 | 4.3 | 6.4 | 6.4 | 6.2 | 6.5 | 4.7 | 5.9 |
| BRITANY 2 | 4.0 | 6.1 | 5.6 | 6.8 | 6.3 | 6.0 | 5.5 | 5.8 | 5.1 | 6.3 | 5.9 | 6.9 | 6.7 | 5.1 | 6.3 | 5.8 | 5.1 | 6.4 | 6.6 | 6.2 | 7.2 | 5.4 | 6.3 |
| DLFPS-FL-3104 | 4.8 | 4.5 | 6.5 | 6.7 | 6.2 | 3.7 | 5.6 | 6.0 | 5.6 | 3.0 | 3.9 | 5.7 | 5.8 | 3.8 | 4.3 | 6.3 | 3.4 | 6.6 | 7.0 | 6.1 | 7.2 | 3.9 | 6.3 |
| FOXFIRE 2 | 3.7 | 5.2 | 6.2 | 6.6 | 6.8 | 4.7 | 3.9 | 5.6 | 4.1 | 7.0 | 4.8 | 3.4 | 4.3 | 4.1 | 4.5 | 4.8 | 4.2 | 6.6 | 5.8 | 6.0 | 5.8 | 4.5 | 6.0 |
| GLADIATOR | 4.3 | 5.0 | 5.7 | 6.6 | 6.3 | 4.7 | 5.8 | 6.1 | 5.5 | 4.5 | 4.0 | 6.0 | 6.2 | 3.4 | 2.8 | 4.0 | 3.3 | 6.4 | 6.2 | 6.3 | 7.6 | 2.9 | 5.5 |
| QUATRO | 4.2 | 4.3 | 4.6 | 6.5 | 6.3 | 3.7 | 4.7 | 5.3 | 4.7 | 3.1 | 3.7 | 4.3 | 4.6 | 2.8 | 2.6 | 3.7 | 3.2 | 6.5 | 6.1 | 5.0 | 6.3 | 2.9 | 5.2 |
| RESOLUTE | 3.8 | 3.9 | 6.1 | 6.8 | 6.5 | 4.7 | 5.6 | 5.5 | 5.4 | 3.7 | 3.7 | 5.8 | 6.1 | 2.9 | 3.6 | 5.0 | 3.0 | 6.5 | 6.3 | 5.7 | 7.0 | 3.0 | 5.9 |
| SEABREEZE GT | 3.7 | 4.9 | 5.4 | 6.3 | 6.5 | 5.7 | 4.0 | 5.0 | 3.7 | 5.8 | 5.4 | 5.3 | 6.3 | 4.2 | 3.6 | 4.5 | 4.2 | 6.0 | 6.4 | 6.1 | 6.6 | 5.5 | 6.0 |
| SPHD-20 | 4.8 | 4.4 | 6.2 | 6.6 | 6.3 | 4.0 | 5.6 | 5.4 | 5.9 | 3.4 | 3.5 | 6.1 | 5.7 | 3.4 | 3.9 | 5.5 | 2.8 | 6.3 | 6.7 | 5.9 | 6.9 | 2.6 | 5.8 |
| 5Z2 | 3.5 | 6.0 | 5.9 | 6.7 | 6.8 | 5.7 | 4.3 | 5.1 | 4.0 | 7.4 | 5.6 | 5.8 | 4.5 | 5.3 | 5.3 | 4.5 | 5.0 | 6.8 | 6.1 | 6.2 | 6.9 | 4.5 | 6.6 |
| 5Z5 | 4.2 | 5.8 | 5.0 | 6.4 | 6.6 | 5.7 | 4.5 | 5.5 | 4.3 | 7.3 | 5.2 | 5.8 | 5.4 | 5.7 | 5.3 | 5.3 | 5.3 | 6.9 | 6.4 | 6.3 | 7.1 | 3.3 | 6.6 |
| BAR FO 131 | 3.6 | 5.0 | 6.4 | 6.8 | 6.4 | 4.3 | 3.9 | 4.8 | 4.6 | 5.9 | 4.6 | 5.6 | 5.0 | 3.5 | 3.9 | 4.0 | 3.2 | 6.4 | 6.1 | 5.7 | 5.8 | 3.6 | 6.0 |
| BAR FRC 130 | 4.3 | 5.8 | 4.9 | 6.5 | 6.1 | 5.3 | 4.6 | 5.2 | 4.8 | 6.5 | 6.1 | 5.0 | 6.8 | 4.6 | 5.0 | 4.0 | 4.6 | 6.6 | 6.6 | 5.9 | 6.5 | 4.7 | 5.6 |
| BAR FRL 122 | 3.3 | 5.1 | 6.2 | 6.1 | 6.1 | 5.7 | 4.0 | 5.0 | 4.2 | 6.3 | 5.2 | 6.0 | 6.2 | 4.1 | 4.6 | 4.0 | 4.1 | 6.4 | 6.8 | 5.9 | 6.5 | 4.5 | 6.2 |
| BAR FT 132 | 4.3 | 4.6 | 4.9 | 6.8 | 6.4 | 4.3 | 5.0 | 5.2 | 4.9 | 2.6 | 2.7 | 5.7 | 4.3 | 3.1 | 4.3 | 4.3 | 3.5 | 6.4 | 6.9 | 5.5 | 6.9 | 3.8 | 6.8 |
| BAR FT 135 | 4.3 | 4.4 | 6.7 | 6.4 | 6.5 | 4.0 | 5.8 | 5.3 | 5.4 | 3.0 | 3.9 | 6.5 | 4.7 | 3.0 | 4.8 | 4.5 | 3.1 | 6.7 | 6.7 | 5.5 | 6.6 | 4.2 | 5.5 |
| BLUE HORNET (PPG-FO-102) | 4.9 | 4.5 | 5.3 | 6.3 | 6.3 | 4.3 | 5.0 | 5.3 | 4.6 | 4.1 | 3.8 | 5.3 | 5.1 | 3.0 | 3.7 | 4.8 | 3.2 | 6.9 | 6.9 | 5.3 | 5.8 | 4.2 | 5.6 |
| BOREAL | 3.3 | 4.8 | 4.0 | 6.5 | 6.5 | 5.0 | 3.3 | 4.5 | 3.3 | 4.5 | 3.7 | 4.0 | 3.3 | 3.8 | 2.2 | 2.2 | 3.9 | 6.1 | 5.9 | 5.2 | 5.3 | 4.5 | 4.7 |
| BYE | 3.6 | 5.7 | 5.5 | 6.6 | 6.8 | 5.7 | 4.7 | 5.5 | 4.9 | 6.8 | 6.1 | 6.1 | 5.9 | 5.3 | 5.6 | 6.0 | 5.2 | 6.8 | 6.1 | 6.5 | 6.9 | 4.4 | 6.5 |
| CARDINAL II | 3.5 | 5.7 | 5.3 | 6.8 | 6.5 | 5.7 | 4.2 | 5.2 | 3.8 | 6.5 | 4.9 | 6.0 | 4.2 | 4.8 | 4.5 | 4.7 | 4.7 | 6.8 | 6.3 | 6.4 | 6.2 | 3.9 | 6.3 |
| COMPASS II | 4.5 | 6.0 | 5.5 | 6.5 | 6.3 | 6.0 | 5.2 | 5.5 | 4.8 | 6.9 | 6.3 | 5.6 | 5.6 | 4.8 | 5.2 | 4.9 | 5.0 | 6.4 | 6.8 | 6.2 | 7.4 | 5.1 | 6.9 |
| DA5-RHF | 4.8 | 4.7 | 5.1 | 6.7 | 6.5 | 5.7 | 5.0 | 5.6 | 5.3 | 5.3 | 4.2 | 5.8 | 5.5 | 2.7 | 4.7 | 4.9 | 3.2 | 6.7 | 6.1 | 6.0 | 7.2 | 4.3 | 6.1 |
| DLF-FRR-3128 | 3.8 | 5.4 | 6.2 | 6.8 | 6.5 | 4.7 | 4.3 | 5.2 | 3.7 | 6.5 | 5.2 | 5.8 | 4.6 | 4.6 | 4.3 | 4.4 | 5.1 | 6.6 | 5.7 | 6.3 | 6.4 | 3.6 | 5.9 |
| DLFPS-FRC-3105 | 3.8 | 6.1 | 6.8 | 6.3 | 6.4 | 6.7 | 6.1 | 5.6 | 4.7 | 7.1 | 5.7 | 6.5 | 6.4 | 4.9 | 6.2 | 6.2 | 4.9 | 6.3 | 6.4 | 6.2 | 7.5 | 4.8 | 6.6 |
| JAMESTOWN VII | 3.7 | 5.5 | 5.8 | 6.6 | 6.5 | 6.0 | 4.8 | 5.1 | 4.6 | 6.1 | 5.7 | 6.2 | 6.1 | 5.1 | 4.6 | 5.3 | 4.3 | 6.1 | 6.8 | 6.1 | 7.1 | 4.5 | 5.8 |
| KEVIN | 3.4 | 5.9 | 4.9 | 6.6 | 6.6 | 5.0 | 4.7 | 5.0 | 4.4 | 6.7 | 4.7 | 5.3 | 5.0 | 4.8 | 3.6 | 3.9 | 5.1 | 6.4 | 6.3 | 6.2 | 6.4 | 4.9 | 6.1 |
| NAI-CHU1 | 4.3 | 6.3 | 5.6 | 6.5 | 6.3 | 5.3 | 5.8 | 5.8 | 4.9 | 7.0 | 6.5 | 6.3 | 6.7 | 5.2 | 5.7 | 5.9 | 4.8 | 6.6 | 6.3 | 6.5 | 7.3 | 4.7 | 6.6 |
| PPG-FL 128 | 3.8 | 5.7 | 7.4 | 6.5 | 6.2 | 5.0 | 6.3 | 5.9 | 5.3 | 2.6 | 3.5 | 6.8 | 6.2 | 4.0 | 4.8 | 6.1 | 3.1 | 6.5 | 7.1 | 6.0 | 8.0 | 4.2 | 6.1 |
| PPG-FRC 127 | 4.1 | 5.1 | 6.2 | 6.4 | 6.3 | 6.0 | 5.3 | 6.3 | 5.6 | 7.3 | 6.0 | 6.7 | 6.9 | 4.8 | 6.8 | 6.2 | 4.3 | 6.6 | 6.7 | 6.3 | 7.5 | 5.7 | 6.7 |
| PPG-FRC-130 | 4.3 | 5.7 | 6.5 | 6.5 | 6.3 | 6.3 | 5.9 | 6.1 | 5.0 | 7.0 | 5.9 | 6.8 | 6.4 | 5.0 | 5.0 | 6.4 | 4.4 | 6.6 | 6.7 | 6.3 | 7.7 | 5.3 | 6.1 |
| PPG-FRR 127 | 3.8 | 5.6 | 4.9 | 6.8 | 6.8 | 5.0 | 4.6 | 5.5 | 4.3 | 7.3 | 5.9 | 5.0 | 5.1 | 5.5 | 5.3 | 5.8 | 5.2 | 6.7 | 6.3 | 6.2 | 7.6 | 4.7 | 6.3 |
| PPG-FRR 132 | 3.8 | 5.3 | 6.5 | 6.7 | 6.7 | 5.3 | 4.2 | 5.5 | 4.1 | 6.6 | 5.1 | 5.3 | 4.7 | 5.2 | 5.6 | 5.5 | 5.3 | 6.6 | 6.2 | 6.2 | 6.7 | 4.7 | 6.5 |
| PPG-FRR-134 | 4.1 | 5.3 | 5.8 | 6.5 | 6.5 | 5.7 | 5.0 | 5.1 | 4.1 | 7.3 | 6.2 | 5.8 | 5.3 | 5.5 | 4.4 | 6.3 | 5.1 | 6.7 | 6.7 | 6.1 | 7.1 | 4.8 | 6.2 |
| PST-4SWTM | 4.2 | 5.8 | 5.3 | 6.5 | 6.7 | 5.3 | 4.9 | 4.9 | 4.6 | 6.5 | 4.9 | 5.1 | 5.4 | 4.8 | 4.8 | 4.9 | 4.5 | 6.3 | 6.8 | 6.4 | 6.5 | 5.2 | 6.0 |
| PVF-HSY+ | 4.3 | 6.0 | 5.1 | 6.7 | 6.4 | 5.0 | 4.7 | 5.1 | 4.7 | 7.2 | 5.5 | 6.0 | 5.1 | 5.8 | 5.1 | 5.1 | 4.9 | 6.4 | 6.3 | 6.3 | 7.4 | 4.1 | 5.8 |
| PVF-MVP-2020 | 3.9 | 6.0 | 6.5 | 6.5 | 6.5 | 6.7 | 5.1 | 5.5 | 4.6 | 7.4 | 5.9 | 5.0 | 6.3 | 4.7 | 5.3 | 6.2 | 4.6 | 6.1 | 6.4 | 6.6 | 7.7 | 5.6 | 6.0 |
| PVF-PDB-2020 | 4.5 | 4.3 | 5.3 | 6.5 | 6.5 | 5.7 | 5.6 | 5.9 | 5.7 | 4.9 | 5.7 | 6.7 | 6.3 | 3.4 | 5.8 | 5.6 | 3.2 | 6.6 | 6.8 | 6.3 | 7.4 | 3.6 | 6.2 |
| RAD-FC59 | 3.9 | 5.9 | 4.2 | 6.8 | 6.7 | 5.0 | 5.4 | 5.3 | 5.0 | 6.9 | 5.4 | 6.8 | 5.4 | 4.0 | 5.3 | 4.7 | 4.4 | 6.6 | 6.3 | 6.4 | 6.9 | 4.1 | 6.3 |
| RAD-FR64 | 3.9 | 5.6 | 5.8 | 6.3 | 6.7 | 4.7 | 4.0 | 5.3 | 3.9 | 7.3 | 5.6 | 4.8 | 5.2 | 3.9 | 4.3 | 4.0 | 4.7 | 6.8 | 6.0 | 6.2 | 6.3 | 3.7 | 6.2 |
| SHADOW IV (PST-4SHAD) | 4.5 | 5.7 | 5.4 | 6.8 | 6.5 | 5.7 | 4.2 | 5.2 | 4.2 | 6.1 | 5.1 | 5.2 | 5.7 | 5.2 | 4.5 | 4.0 | 4.9 | 6.0 | 6.7 | 6.1 | 7.3 | 4.1 | 5.8 |
| STB1 | 4.1 | 6.5 | 6.3 | 6.7 | 6.5 | 5.3 | 4.8 | 5.0 | 3.7 | 6.9 | 5.8 | 5.3 | 5.6 | 5.5 | 5.2 | 5.5 | 5.7 | 6.3 | 6.1 | 6.1 | 6.6 | 4.5 | 6.6 |
| SWORD II (NAI-HAQ1+2) | 4.4 | 4.1 | 5.9 | 6.5 | 6.6 | 4.7 | 5.6 | 5.9 | 5.9 | 4.1 | 4.1 | 5.1 | 6.7 | 2.9 | 3.0 | 5.8 | 2.7 | 6.6 | 7.2 | 6.3 | 7.8 | 3.1 | 6.1 |
| TENACIOUS (NAI-HTB2) | 4.8 | 3.9 | 6.0 | 6.5 | 6.4 | 4.3 | 5.0 | 5.8 | 5.7 | 3.9 | 3.9 | 6.0 | 6.2 | 3.2 | 4.6 | 6.3 | 3.4 | 6.5 | 6.7 | 5.6 | 7.7 | 5.0 | 6.2 |
| LSD VALUE | 1.1 | 1.5 | 2.4 | 0.4 | 0.4 | 1.3 | 0.8 | 0.5 | 0.6 | 1.2 | 0.8 | 1.8 | 0.8 | 0.7 | 1.0 | 1.3 | 0.6 | 0.5 | 0.7 | 0.5 | 0.8 | 1.1 | 0.8 |
| C.V. (%) | 16.1 | 17.1 | 25.9 | 4.0 | 3.5 | 16.1 | 10.8 | 5.5 | 7.9 | 12.8 | 10.5 | 16.5 | 8.4 | 9.7 | 13.3 | 16.4 | 8.3 | 4.8 | 7.2 | 5.2 | 7.2 | 16.2 | 8.0 |

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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 4.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS
GROWN AT SEVENTEEN LOCATIONS IN THE U.S. 1/
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ | | | | | | | | | | | | | | | | |
|----------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|
| | AL1 | AR1 | CA3 | FL3 | FL5 | IN1 | KS2 | MD1 | MO1 | MS1 | NC1 | OK1 | OK3 | TN1 | TX2 | TX3 | VA1 |
| ASTRO | 5.4 | 6.3 | 4.4 | 6.6 | 6.9 | 6.0 | 5.7 | 6.1 | 6.2 | 5.0 | 5.7 | 5.6 | 4.8 | 7.0 | 4.9 | 2.9 | 7.4 |
| DLF-460/3048 | 4.1 | 5.4 | 3.7 | 5.5 | 7.2 | 5.0 | 5.2 | 6.4 | 4.1 | 4.5 | 4.3 | 4.7 | 4.5 | 6.4 | 5.2 | 2.4 | 7.2 |
| FB 1628 | 6.6 | 6.5 | 5.9 | 6.5 | 7.7 | 6.0 | 5.9 | 7.4 | 6.7 | 5.8 | 6.4 | 6.2 | 5.2 | 7.0 | 5.8 | 3.8 | 7.6 |
| FB 1630 | 6.0 | 5.6 | 4.5 | 6.0 | 7.6 | 4.4 | 5.5 | 7.1 | 4.3 | 5.1 | 5.8 | 5.0 | 4.5 | 6.8 | 4.8 | 3.9 | 7.0 |
| FB 1902 | 4.1 | 5.7 | 5.3 | 5.6 | 6.9 | 4.4 | 5.0 | 6.2 | 4.7 | 4.9 | 4.8 | 5.1 | 4.7 | 6.5 | 5.0 | 2.1 | 6.7 |
| FB 1903 | 4.6 | 4.9 | 4.7 | 6.3 | 6.6 | 4.3 | 5.0 | 6.8 | 4.0 | 5.0 | 5.9 | 5.1 | 4.4 | 6.5 | 5.1 | 2.3 | 5.8 |
| JSC 2013-10S | 4.6 | 6.0 | 4.6 | 6.0 | 7.0 | 5.8 | 6.3 | 7.1 | 5.7 | 5.0 | 6.0 | 5.0 | 4.6 | 6.3 | 4.3 | 3.9 | 7.2 |
| JSC 2013-12S | 4.5 | 5.5 | 4.4 | 6.1 | 6.8 | 5.8 | 6.0 | 7.3 | 6.4 | 5.4 | 5.9 | 5.2 | 4.7 | 6.3 | 3.6 | 3.8 | 7.0 |
| JSC 2013-5S | 5.8 | 6.1 | 4.7 | 5.2 | 7.2 | 5.4 | 5.7 | 7.4 | 5.9 | 4.7 | 4.5 | 5.2 | 4.6 | 6.1 | 4.2 | 3.1 | 7.1 |
| JSC 2013-7S | 4.5 | 5.6 | 3.9 | 6.2 | 7.1 | 5.3 | 5.6 | 7.4 | 6.2 | 5.0 | 4.7 | 5.2 | 4.7 | 6.2 | 4.4 | 3.1 | 7.0 |
| JSC 2013-8S | 4.7 | 5.7 | 4.0 | 6.0 | 7.3 | 5.0 | 5.7 | 7.3 | 6.1 | 4.9 | 5.2 | 5.2 | 4.7 | 6.5 | 4.4 | 3.3 | 7.1 |
| JSC 77V | 4.9 | 6.0 | 3.8 | 5.8 | 7.3 | 6.2 | 6.0 | 6.8 | 7.0 | 5.3 | 5.9 | 5.8 | 5.1 | 6.9 | 5.7 | 4.2 | 7.2 |
| JSC 80V | 4.2 | 5.8 | 4.2 | 6.4 | 6.9 | 5.6 | 6.0 | 6.3 | 4.9 | 5.4 | 6.1 | 5.7 | 5.1 | 6.8 | 4.9 | 3.9 | 7.7 |
| LATITUDE 36 | 5.4 | 6.4 | 4.3 | 6.1 | 7.3 | 6.4 | 6.3 | 7.1 | 7.0 | 5.4 | 6.7 | 5.9 | 5.2 | 6.8 | 5.1 | 3.4 | 7.8 |
| MONACO | 4.7 | 5.9 | 4.6 | 6.0 | 7.0 | 5.6 | 5.9 | 7.3 | 5.6 | 5.3 | 5.8 | 5.1 | 4.7 | 5.8 | 4.9 | 3.0 | 7.1 |
| MSB-1017 | 7.0 | 6.5 | 5.6 | 5.7 | 7.2 | 4.8 | 5.3 | 6.8 | 6.7 | 5.4 | 5.0 | 5.2 | 4.5 | 6.7 | 5.4 | 4.3 | 7.7 |
| MSB-1026 | 5.7 | 5.9 | 5.3 | 5.7 | 6.9 | 3.9 | 5.0 | 6.3 | 3.9 | 5.5 | 5.2 | 5.9 | 4.6 | 6.7 | 4.5 | 3.5 | 7.1 |
| MSB-1042 | 5.2 | 6.3 | 5.6 | 4.9 | 6.8 | 5.9 | 6.5 | 7.0 | 6.9 | 5.0 | 5.7 | 5.9 | 5.2 | 6.5 | 5.6 | 3.4 | 8.0 |
| MSB-1048 | 5.1 | 6.5 | 4.9 | 6.0 | 7.2 | 5.1 | 4.8 | 6.6 | 6.4 | 4.9 | 4.7 | 5.3 | 4.6 | 6.7 | 5.2 | 3.7 | 7.1 |
| MSB-1050 | 5.9 | 6.1 | 5.6 | 6.2 | 7.3 | 5.2 | 4.1 | 5.5 | 5.9 | 5.6 | 4.8 | 4.7 | 3.5 | 6.9 | 5.0 | 4.1 | 7.4 |
| MSB-1075 | 4.9 | 4.6 | 4.9 | 5.7 | 7.2 | 5.3 | 3.8 | 4.8 | 2.7 | 5.1 | 3.9 | 4.2 | 3.2 | 6.4 | 5.0 | 4.0 | 5.2 |
| OKC1406 | 4.5 | 5.7 | 4.6 | 6.0 | 7.0 | 5.5 | 6.0 | 6.1 | 5.7 | 5.2 | 5.6 | 5.5 | 4.8 | 7.0 | 4.7 | 4.1 | 7.3 |
| OKC1666 | 3.9 | 4.7 | 4.4 | 5.6 | 6.1 | 5.1 | 6.7 | 5.5 | 4.4 | 5.1 | 4.4 | 5.1 | 4.5 | 6.8 | 4.1 | 3.8 | 7.8 |
| OKC1682 | 4.3 | 5.6 | 4.7 | 5.4 | 6.9 | 5.6 | 5.8 | 7.0 | 6.1 | 4.8 | 4.1 | 5.8 | 5.0 | 6.5 | 4.8 | 3.7 | 6.8 |
| OKC1873 | 5.4 | 6.7 | 5.2 | 6.6 | 6.8 | 5.4 | 5.2 | 6.6 | 5.7 | 5.0 | 5.2 | 5.7 | 5.0 | 6.7 | 4.6 | 1.9 | 7.3 |
| OKC1876 | 6.1 | 6.4 | 5.8 | 5.9 | 7.4 | 5.4 | 5.3 | 7.1 | 6.3 | 5.2 | 5.9 | 5.9 | 4.9 | 6.4 | 4.3 | 2.9 | 7.7 |
| OKS2015-1 | 5.4 | 5.6 | 3.9 | 5.6 | 6.9 | 5.5 | 5.6 | 6.3 | 4.5 | 4.6 | 4.7 | 4.8 | 4.4 | 6.6 | 4.7 | 2.7 | 6.8 |
| OKS2015-3 | 4.4 | 5.7 | 3.3 | 6.0 | 7.0 | 5.4 | 5.7 | 6.9 | 5.4 | 4.9 | 5.3 | 5.2 | 4.7 | 6.3 | 5.3 | 3.1 | 7.5 |
| OKS2015-7 | 5.4 | 5.5 | 3.5 | 5.8 | 7.3 | 5.1 | 5.1 | 6.4 | 5.1 | 4.8 | 5.2 | 5.3 | 4.6 | 6.4 | 5.1 | 3.2 | 7.0 |
| PST-R6TM | 3.8 | 5.3 | 3.9 | 5.6 | 6.5 | 4.7 | 5.1 | 6.2 | 3.2 | 4.5 | 4.2 | 4.7 | 4.5 | 6.6 | 3.2 | 1.9 | 6.7 |
| RIVIERA | 5.0 | 5.5 | 3.6 | 5.3 | 7.3 | 5.7 | 6.0 | 7.0 | 6.0 | 5.0 | 5.8 | 5.2 | 4.7 | 6.3 | 3.8 | 3.3 | 7.1 |
| SUN QUEEN (PST-R6MM) | 4.5 | 5.1 | 3.7 | 5.5 | 7.1 | 5.0 | 5.3 | 6.6 | 4.1 | 4.6 | 4.4 | 4.7 | 4.5 | 6.5 | 5.3 | 2.3 | 6.9 |
| TAHOMA 31 | 5.8 | 6.5 | 5.3 | 6.0 | 7.3 | 6.1 | 5.9 | 7.3 | 7.5 | 5.7 | 6.5 | 5.8 | 5.1 | 6.5 | 5.5 | 4.6 | 7.9 |
| TIFTUF | 6.1 | 6.8 | 6.7 | 6.8 | 7.1 | 5.8 | 6.2 | 7.5 | 6.8 | 5.4 | 7.0 | 6.0 | 5.2 | 6.8 | 5.7 | 3.9 | 7.7 |
| TIFWAY | 5.1 | 6.7 | 4.8 | 6.5 | 6.6 | 5.6 | 5.5 | 7.0 | 5.3 | 5.3 | 5.7 | 5.8 | 4.8 | 6.4 | 5.2 | 2.3 | 7.7 |
| LSD VALUE | 1.5 | 0.7 | 0.5 | 0.6 | 0.5 | 0.8 | 0.6 | 0.4 | 0.8 | 0.4 | 0.7 | 0.3 | 0.3 | 0.6 | 1.7 | 1.1 | 0.7 |
| C.V. (%) | 18.8 | 7.6 | 6.5 | 6.5 | 4.5 | 9.6 | 6.5 | 3.9 | 9.2 | 4.5 | 8.2 | 3.9 | 3.9 | 5.8 | 22.0 | 20.4 | 5.8 |

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

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 5.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT FIFTEEN LOCATIONS IN THE U.S. 1/
2021 DATA

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

| NAME | AL1 | AR1 | CA3 | FL3 | FL5 | GA1 | IN1 | KS1 | MD1 | MO1 | NC1 | OK1 | TN1 | TX1 | TX2 |
|-------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|------|------|------|
| 15-TZ-11715 | 5.0 | 7.0 | 4.9 | 6.2 | 6.8 | 6.1 | 6.9 | 6.3 | 7.6 | 4.7 | 4.7 | 5.7 | 6.6 | 5.8 | 4.4 |
| 16-TZ-12783 | 5.1 | 6.8 | 5.7 | 6.1 | 7.8 | 6.1 | 6.1 | 4.8 | 7.9 | 3.0 | 5.8 | 5.5 | 6.3 | 6.2 | 4.8 |
| 16-TZ-13463 | 5.1 | 5.8 | 5.6 | 5.5 | 7.1 | 5.7 | 7.1 | 5.0 | 7.5 | 3.2 | 6.1 | 5.7 | 6.6 | 3.2 | 4.0 |
| DALZ 1311 | 3.6 | 6.5 | 5.2 | 6.3 | 7.3 | 5.5 | 7.7 | 6.9 | 7.0 | 3.3 | 6.3 | 5.5 | 7.0 | 7.6 | 5.2 |
| DALZ 1408 | 5.1 | 6.8 | 6.1 | 5.6 | 7.7 | 5.7 | 1.4 | 2.2 | 6.5 | 2.5 | 5.3 | 5.9 | 6.9 | 6.6 | 4.1 |
| DALZ 1409 | 4.2 | 7.2 | 6.1 | 5.8 | 7.3 | 5.2 | 1.3 | 2.3 | 6.1 | 3.0 | 6.1 | 5.9 | 7.3 | 7.3 | 2.9 |
| DALZ 1601 | 3.7 | 6.7 | 5.2 | 5.5 | 7.2 | 5.5 | 7.9 | 6.9 | 6.9 | 3.7 | 5.8 | 5.9 | 7.0 | 7.9 | 4.7 |
| DALZ 1603 | 4.5 | 6.8 | 5.3 | 5.5 | 7.4 | 5.6 | 8.2 | 6.9 | 6.8 | 4.4 | 5.7 | 5.7 | 6.3 | 7.3 | 4.5 |
| DALZ 1613 | 5.6 | 6.6 | 5.9 | 5.6 | 7.1 | 5.6 | 7.3 | 6.6 | 7.4 | 3.9 | 5.9 | 5.7 | 7.4 | 6.1 | 4.1 |
| DALZ 1614 | 4.6 | 6.7 | 5.9 | 6.3 | 6.9 | 5.5 | 8.2 | 6.1 | 7.5 | 6.3 | 5.9 | 5.6 | 7.2 | 5.6 | 4.8 |
| DALZ 1701 | 5.6 | 7.1 | 5.9 | 6.4 | 7.2 | 5.5 | 8.4 | 7.2 | 7.7 | 6.8 | 5.2 | 5.9 | 7.0 | 6.8 | 4.9 |
| DALZ 1707 | 4.4 | 6.8 | 5.6 | 6.4 | 7.4 | 5.4 | 8.8 | 7.1 | 8.0 | 5.2 | 6.0 | 6.5 | 6.9 | 5.8 | 4.7 |
| DALZ 1713 | 4.9 | 6.4 | 5.4 | 6.3 | 7.5 | 5.6 | 2.9 | 4.2 | 5.8 | 1.9 | 4.9 | 5.6 | 7.1 | 7.6 | 4.3 |
| DALZ 1714 | 5.3 | 5.4 | 6.1 | 5.7 | 7.2 | 5.0 | 1.0 | 2.1 | 2.8 | 1.1 | 5.1 | 5.7 | 7.1 | 7.8 | 4.2 |
| DALZ 1802 | 5.2 | 6.8 | 6.8 | 6.2 | 7.4 | 5.0 | 1.0 | 1.6 | 2.5 | 1.6 | 5.6 | 5.8 | 6.0 | 5.2 | 4.8 |
| DALZ 1806 | 4.7 | 6.5 | 6.1 | 6.5 | 7.3 | 5.3 | 4.3 | 2.1 | 4.1 | 1.2 | 5.7 | 5.6 | 7.4 | 4.8 | 3.7 |
| DALZ 1807 | 3.5 | 3.9 | 6.5 | 6.0 | 7.5 | 5.0 | 1.0 | 1.7 | 2.1 | 2.2 | 5.4 | 5.3 | 6.4 | 3.3 | 2.9 |
| DALZ 1808 | 5.1 | 6.9 | 5.4 | 5.8 | 7.3 | 5.5 | 8.3 | 7.3 | 8.0 | 5.8 | 6.4 | 5.8 | 7.4 | 6.3 | 5.3 |
| EMERALD | 5.6 | 7.3 | 5.8 | 6.4 | 6.9 | 5.1 | 8.3 | 7.1 | 7.9 | 7.3 | 5.7 | 6.5 | 6.4 | 6.4 | 4.1 |
| EMPIRE | 5.5 | 6.5 | 4.9 | 6.0 | 7.5 | 6.0 | 8.2 | 6.5 | 7.0 | 5.5 | 6.2 | 5.5 | 7.2 | 7.0 | 5.1 |
| FAES 1319 | 6.2 | 7.2 | 5.6 | 6.5 | 7.9 | 5.2 | 8.3 | 7.1 | 8.1 | 5.0 | 6.6 | 6.3 | 6.8 | 7.9 | 5.1 |
| FAES 1335 | 5.7 | 7.0 | 6.9 | 6.3 | 7.5 | 5.6 | 5.7 | 5.2 | 7.7 | 2.8 | 5.7 | 5.6 | 6.5 | 5.6 | 3.9 |
| FZ 1327 | 3.1 | 6.5 | 5.1 | 5.8 | 7.6 | 5.4 | 7.7 | 6.4 | 7.1 | 2.4 | 6.2 | 5.5 | 7.1 | 5.2 | 4.3 |
| FZ 1367 | 5.3 | 7.2 | 6.0 | 6.8 | 7.6 | 5.4 | 2.5 | 2.5 | 5.3 | 2.2 | 6.5 | 5.8 | 6.4 | 6.3 | 3.7 |
| FZ 1368 | 5.3 | 5.7 | 5.7 | 5.8 | 7.6 | 5.3 | 1.0 | . | 2.5 | 1.3 | 5.4 | 5.9 | 6.8 | 5.8 | 2.2 |
| FZ 1407 | 4.3 | 6.5 | 5.2 | 6.1 | 7.4 | 5.7 | 8.1 | 6.7 | 6.9 | 4.4 | 6.3 | 5.7 | 6.4 | 6.9 | 4.7 |
| FZ 1410 | 4.0 | 6.7 | 5.3 | 6.4 | 7.2 | 5.8 | 8.1 | 6.7 | 6.9 | 4.9 | 4.6 | 5.8 | 7.0 | 7.1 | 5.7 |
| FZ 1422 | 4.9 | 6.5 | 5.2 | 6.5 | 7.3 | 5.7 | 8.3 | 7.2 | 6.9 | 6.3 | 5.2 | 6.0 | 6.0 | 6.4 | 4.2 |
| FZ 1436 | 5.5 | 7.0 | 6.1 | 5.9 | 7.7 | 5.8 | 1.9 | 2.7 | 6.9 | 2.2 | 4.7 | 5.8 | 7.1 | 6.2 | 3.9 |
| FZ 1440 | 5.9 | 7.3 | 6.0 | 5.7 | 7.8 | 5.7 | 3.2 | 3.1 | 7.1 | 2.4 | 6.4 | 5.8 | 6.9 | 6.6 | 4.4 |
| FZ 1721 | 5.3 | 4.7 | 5.5 | 6.0 | 7.3 | 5.4 | 1.0 | 2.6 | 2.2 | 1.5 | 5.9 | 5.0 | 6.2 | 3.4 | 2.8 |
| FZ 1722 | 6.1 | 7.3 | 6.1 | 6.2 | 7.6 | 5.5 | 6.5 | 4.6 | 7.5 | 3.1 | 5.8 | 6.3 | 6.6 | 6.3 | 3.3 |
| FZ 1723 | 3.7 | 7.5 | 6.1 | 6.3 | 7.1 | 5.3 | 7.7 | 5.7 | 5.8 | 3.4 | 5.2 | 6.3 | 7.0 | 4.7 | 4.1 |
| FZ 1727 | 6.1 | 7.5 | 5.9 | 6.2 | 7.8 | 5.5 | 7.3 | 5.8 | 7.7 | 3.5 | 5.3 | 6.0 | 7.8 | 5.5 | 3.8 |
| FZ 1728 | 3.0 | 6.1 | 5.9 | 5.8 | 7.3 | 5.1 | 5.3 | 3.9 | 5.7 | 2.0 | 5.7 | 4.5 | 5.3 | 4.6 | 3.6 |
| FZ 1732 | 5.0 | 7.0 | 5.8 | 6.5 | 7.8 | 6.0 | 6.8 | 5.9 | 8.0 | 5.2 | 5.7 | 6.1 | 6.6 | 5.7 | 3.8 |
| MEYER | 2.6 | 6.1 | 3.8 | 5.8 | 7.5 | 5.0 | 5.9 | 6.2 | 6.6 | 3.0 | 5.9 | 5.9 | 5.8 | 1.8 | 3.1 |
| UGA GZ 17-4 | 4.1 | 7.4 | 6.3 | 5.4 | 7.3 | 5.7 | 3.8 | 2.5 | 5.4 | 3.0 | 6.3 | 5.9 | 5.9 | 6.6 | 4.6 |
| ZEON | 5.8 | 7.5 | 6.0 | 6.3 | 6.8 | 5.3 | 7.8 | 7.0 | 8.0 | 6.8 | 5.7 | 6.1 | 6.9 | 6.5 | 4.2 |
| LSD VALUE | 1.9 | 0.6 | 0.8 | 0.8 | 0.6 | 0.6 | 0.6 | 0.7 | 0.6 | 2.0 | 1.2 | 0.4 | 1.2 | 1.4 | 2.5 |
| C.V. (%) | 24.4 | 5.3 | 8.4 | 8.7 | 4.9 | 6.3 | 6.8 | 8.1 | 6.1 | 34.5 | 12.4 | 4.7 | 11.2 | 14.8 | 37.1 |

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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON GRASS CULTIVARS GROWN ON A GREEN AT SEVEN LOCATIONS IN THE U.S. 1/
2021 DATA

| | | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ | | | | | | |
|-------------|----|--|-----|------|------|-----|-----|------|
| NAME | | CA3 | FL3 | GA1 | MO1 | MS1 | NM1 | TX2 |
| DALZ 1814 | ZG | 5.0 | 6.6 | 6.0 | 5.7 | 6.0 | 5.8 | 4.6 |
| DALZ 1815 | ZG | 5.7 | 7.6 | 5.8 | 3.4 | 6.0 | 6.9 | 3.7 |
| DIAMOND | ZG | 5.5 | 6.2 | 5.8 | 3.5 | 5.5 | 6.2 | 3.4 |
| FB 1901 | BG | 5.6 | 6.2 | 5.3 | 3.9 | 5.0 | 5.3 | 2.9 |
| FZ 1710 | ZG | 6.5 | 6.9 | 6.4 | 3.9 | 5.7 | 6.7 | 3.5 |
| FZ 1714 | ZG | 5.9 | 6.4 | 6.8 | 3.7 | 6.1 | 5.8 | 4.1 |
| FZ 1717 | ZG | 6.1 | 6.4 | 6.3 | 3.4 | 5.9 | 6.1 | 3.8 |
| MINI-VERDE | BG | 4.9 | 6.0 | 6.2 | 4.8 | 5.3 | 4.4 | 3.4 |
| MSB-1050 | BG | 4.7 | 6.8 | 4.3 | 5.7 | 5.8 | 5.3 | 3.4 |
| OKC0805 | BG | 5.6 | 6.5 | 6.2 | 5.6 | 5.0 | 6.5 | 2.9 |
| OKC0920 | BG | 5.7 | 5.1 | 4.8 | 5.4 | 4.3 | 6.8 | 3.1 |
| OKC3920 | BG | 5.6 | 5.4 | 5.3 | 6.1 | 4.3 | 6.4 | 2.4 |
| SEASTAR | SP | 5.0 | 6.4 | 6.3 | 5.5 | 5.3 | 6.7 | 4.4 |
| TAHOMA 31 | BG | 5.9 | 6.0 | 5.8 | 5.3 | 5.4 | 6.8 | 2.8 |
| TIFDWARF | BG | 5.1 | 6.1 | 7.2 | 3.7 | 4.8 | 4.6 | 1.7 |
| TIFEAGLE | BG | 5.4 | 5.3 | 4.6 | 5.4 | 5.2 | 4.6 | 2.7 |
| UGA 16-1105 | SP | 5.4 | 6.2 | 4.9 | 5.8 | 4.1 | 6.6 | 4.3 |
| UGA 17-622 | SP | 5.3 | 6.5 | 5.0 | 5.2 | 4.4 | 6.5 | 3.6 |
| UGA 17-653 | SP | 5.0 | 5.7 | 3.8 | 4.8 | 5.1 | 6.6 | 4.1 |
| LSD VALUE | | 0.6 | 0.6 | 1.0 | 1.2 | 0.8 | 0.7 | 1.0 |
| C.V. (%) | | 7.1 | 6.3 | 10.9 | 16.0 | 9.0 | 7.7 | 17.5 |

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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 7.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS IN THE U.S.
2021 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CT1 | DE1 | GA1 | IA1 | IA2 | IA3 | IN1 | KS1 | MA1 | MD1 | MI1 | MO1 | MS1 | NC1 | NE1 | NJ1 | NJ2 | OK1 | ON1 | OR1 | PA2 | TN1 | UT1 | UT2 | VA1 | VA2 |
|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 3B2 | 5.7 | 6.9 | 6.1 | 6.8 | 6.6 | 6.7 | 5.6 | 3.6 | 5.3 | 6.8 | 7.1 | 4.9 | 3.1 | 5.2 | 7.0 | 5.4 | 4.9 | 5.7 | 6.8 | 5.8 | 6.9 | 6.9 | 6.4 | 5.4 | 6.1 | 5.6 |
| 3N1 | 5.6 | 6.8 | 6.2 | 6.9 | 6.9 | 6.3 | 6.0 | 3.7 | 5.3 | 6.3 | 7.1 | 4.8 | 2.6 | 5.5 | 7.0 | 6.0 | 4.3 | 5.4 | 7.0 | 5.8 | 7.2 | 6.7 | 6.4 | 6.0 | 6.6 | 6.1 |
| 5LSS | 6.7 | 7.4 | 6.2 | 6.4 | 6.3 | 5.8 | 6.5 | 4.3 | 5.9 | 6.6 | 7.5 | 4.9 | 3.5 | 4.6 | 6.7 | 7.3 | 6.1 | 5.1 | 6.6 | 5.6 | 6.3 | 7.0 | 7.1 | 6.2 | 7.1 | 6.7 |
| A-TF31 | 5.5 | 6.2 | 5.8 | 6.8 | 6.9 | 6.5 | 5.0 | 3.3 | 5.3 | 6.3 | 6.2 | 4.4 | 2.6 | 4.8 | 6.8 | 5.0 | 4.1 | 5.1 | 6.0 | 5.4 | 6.7 | 7.0 | 6.2 | 5.4 | 6.1 | 5.6 |
| AH1 | 6.9 | 7.2 | 6.5 | 6.5 | 6.5 | 5.3 | 5.8 | 3.5 | 5.9 | 6.7 | 7.2 | 5.9 | 4.0 | 6.3 | 7.0 | 7.3 | 7.0 | 5.8 | 6.8 | 6.3 | 7.1 | 6.9 | 7.1 | 6.2 | 6.0 | 5.6 |
| AH2 | 7.0 | 7.7 | 6.6 | 6.3 | 6.5 | 6.0 | 5.9 | 4.5 | 5.7 | 7.3 | 7.2 | 5.9 | 3.9 | 5.8 | 7.0 | 6.0 | 7.7 | 5.6 | 6.6 | 6.3 | 7.1 | 7.2 | 7.0 | 5.8 | 6.4 | 6.2 |
| AST8118LM | 5.5 | 6.6 | 5.7 | 7.0 | 7.1 | 5.7 | 4.8 | 3.5 | 5.0 | 6.2 | 6.7 | 4.2 | 2.6 | 4.5 | 7.0 | 5.0 | 3.2 | 5.3 | 6.5 | 5.4 | 6.7 | 7.1 | 6.2 | 5.3 | 5.7 | 5.1 |
| AST8218LM | 5.1 | 6.7 | 5.5 | 6.9 | 6.8 | 5.4 | 5.5 | 3.2 | 4.8 | 5.8 | 7.0 | 4.3 | 2.8 | 4.6 | 6.8 | 3.9 | 3.6 | 5.1 | 6.4 | 5.2 | 6.5 | 6.7 | 6.4 | 5.6 | 6.3 | 5.7 |
| ATF1768 | 5.8 | 7.0 | 6.1 | 6.8 | 6.9 | 6.0 | 5.6 | 3.7 | 5.4 | 6.3 | 6.6 | 4.9 | 3.5 | 5.3 | 6.7 | 4.0 | 5.0 | 5.0 | 6.3 | 5.4 | 6.2 | 6.7 | 6.4 | 5.2 | 6.6 | 6.3 |
| ATF2116 | 5.5 | 6.8 | 6.0 | 6.8 | 7.0 | 6.2 | 5.1 | 3.9 | 4.9 | 6.3 | 6.6 | 4.2 | 3.7 | 5.8 | 6.8 | 3.4 | 4.0 | 5.3 | 5.8 | 5.7 | 6.6 | 6.9 | 6.4 | 5.4 | 6.6 | 5.9 |
| AVENGER III (PPG-TF 308) | 6.6 | 7.3 | 6.4 | 6.8 | 6.6 | 7.2 | 6.1 | 4.0 | 5.4 | 7.0 | 7.3 | 5.6 | 4.0 | 5.5 | 7.0 | 6.6 | 5.9 | 5.7 | 6.7 | 6.3 | 6.6 | 7.4 | 6.7 | 5.8 | 6.4 | 6.1 |
| BANDIT | 5.7 | 6.8 | 5.8 | 7.1 | 6.8 | 7.1 | 5.2 | 3.4 | 5.3 | 6.3 | 6.8 | 4.7 | 2.5 | 4.4 | 6.9 | 4.3 | 3.1 | 5.6 | 6.6 | 5.4 | 6.9 | 6.8 | 6.4 | 6.0 | 5.8 | 5.1 |
| BAR 9FE MAS | 5.3 | 6.2 | 5.6 | 6.8 | 6.7 | 6.2 | 4.5 | 3.5 | 4.5 | 6.0 | 7.0 | 4.4 | 2.5 | 4.1 | 6.7 | 2.4 | 3.8 | 4.7 | 6.5 | 5.0 | 6.4 | 6.9 | 6.5 | 5.4 | 5.9 | 5.4 |
| BAR FA 8228 | 4.9 | 6.1 | 5.7 | 6.8 | 6.8 | 5.4 | 4.9 | 4.2 | 4.6 | 5.5 | 6.3 | 5.0 | 3.7 | 4.1 | 6.6 | 2.8 | 3.2 | 4.7 | 5.4 | 4.8 | 6.0 | 7.3 | 6.4 | 5.2 | 5.9 | 5.7 |
| BAR-FA8230 | 5.2 | 6.6 | 5.7 | 6.5 | 6.6 | 6.1 | 4.8 | 4.3 | 5.0 | 5.9 | 6.8 | 4.6 | 3.8 | 4.5 | 7.0 | 2.9 | 3.4 | 5.2 | 6.5 | 4.9 | 6.3 | 6.9 | 6.4 | 5.4 | 6.6 | 6.4 |
| BENTLEY (DLFPS-321/3679) | 6.5 | 7.1 | 6.3 | 6.9 | 6.8 | 6.3 | 5.7 | 5.0 | 6.1 | 6.8 | 6.9 | 4.8 | 3.7 | 4.4 | 7.0 | 6.3 | 4.7 | 5.6 | 6.4 | 5.5 | 6.4 | 7.0 | 6.3 | 5.7 | 6.2 | 5.7 |
| BGR-TF3 | 5.7 | 6.5 | 5.4 | 7.0 | 7.0 | 5.9 | 5.2 | 3.9 | 5.5 | 5.1 | 6.8 | 5.1 | 2.8 | 4.3 | 6.7 | 4.6 | 3.8 | 5.2 | 6.1 | 5.5 | 6.5 | 7.3 | 6.1 | 5.2 | 5.7 | 5.0 |
| BIRMINGHAM | 5.1 | 6.3 | 5.7 | 6.9 | 6.8 | 7.4 | 5.0 | 3.6 | 5.3 | 5.8 | 6.8 | 5.4 | 2.4 | 4.7 | 6.7 | 5.6 | 3.6 | 5.1 | 6.0 | 5.4 | 6.5 | 6.9 | 6.0 | 5.6 | 5.3 | 5.0 |
| BLADERUNNER 3 (DLFPS-321/3701) | 6.2 | 7.3 | 6.3 | 6.9 | 6.7 | 6.9 | 6.0 | 4.1 | 5.5 | 6.7 | 7.3 | 5.9 | 4.1 | 4.9 | 7.0 | 7.1 | 5.2 | 5.6 | 6.5 | 5.8 | 6.7 | 6.8 | 6.7 | 5.7 | 6.6 | 6.6 |
| BONFIRE (JS DTT) | 6.5 | 7.1 | 6.2 | 6.8 | 6.8 | 6.9 | 6.0 | 4.4 | 6.1 | 7.0 | 7.1 | 5.4 | 3.8 | 6.0 | 7.1 | 5.9 | 6.6 | 5.7 | 6.4 | 5.9 | 6.6 | 7.1 | 6.8 | 5.9 | 6.4 | 6.5 |
| BRAVO 2 | 5.4 | 6.5 | 6.1 | 6.9 | 6.9 | 7.3 | 5.0 | 3.5 | 4.9 | 6.8 | 6.7 | 4.9 | 2.6 | 5.2 | 7.0 | 5.8 | 3.7 | 5.2 | 6.2 | 5.3 | 6.6 | 6.9 | 6.3 | 5.7 | 6.2 | 5.6 |
| BULLSEYE | 6.3 | 6.4 | 5.6 | 6.8 | 6.8 | 6.3 | 5.1 | 3.5 | 5.4 | 5.7 | 6.9 | 4.8 | 2.7 | 4.9 | 7.0 | 4.2 | 4.1 | 5.4 | 6.6 | 5.7 | 6.8 | 7.0 | 6.3 | 5.6 | 5.9 | 5.4 |
| BULLSEYE LTZ | 6.2 | 7.1 | 6.4 | 6.8 | 6.7 | 6.5 | 6.2 | 3.9 | 5.9 | 6.7 | 6.9 | 5.3 | 3.8 | 5.5 | 7.0 | 6.8 | 5.6 | 5.2 | 6.8 | 6.0 | 7.0 | 6.9 | 6.7 | 6.0 | 6.9 | 6.6 |
| BY-TF-169 | 5.8 | 7.4 | 6.7 | 6.6 | 6.5 | 6.8 | 5.7 | 4.5 | 5.4 | 7.3 | 7.3 | 5.9 | 3.6 | 4.4 | 7.0 | 6.3 | 6.1 | 5.8 | 7.1 | 5.8 | 6.7 | 6.8 | 6.8 | 6.0 | 6.7 | 6.3 |
| CAPITAN (DLFPS-321/3705) | 6.6 | 7.3 | 6.5 | 6.7 | 6.7 | 6.9 | 6.3 | 4.5 | 5.5 | 7.0 | 7.3 | 5.0 | 4.0 | 6.8 | 7.0 | 6.1 | 7.0 | 5.5 | 6.7 | 5.7 | 6.5 | 7.3 | 6.6 | 6.0 | 6.3 | 6.1 |
| COL-TF-148 | 6.2 | 7.2 | 6.3 | 6.5 | 6.5 | 7.0 | 5.9 | 3.8 | 5.5 | 6.9 | 7.0 | 5.0 | 3.8 | 5.5 | 7.1 | 6.8 | 6.9 | 5.3 | 6.8 | 6.1 | 6.7 | 7.3 | 6.8 | 5.7 | 6.4 | 6.1 |
| COPIOUS TF | 6.0 | 6.7 | 5.8 | 6.6 | 6.7 | 7.4 | 5.3 | 3.2 | 5.4 | 5.7 | 6.6 | 5.0 | 2.6 | 4.2 | 6.9 | 5.0 | 4.1 | 5.1 | 6.5 | 5.5 | 6.9 | 7.0 | 6.3 | 5.9 | 6.1 | 5.4 |
| DEGAS (LTP-TF-111) | 6.3 | 6.9 | 6.3 | 6.7 | 6.6 | 7.2 | 6.0 | 4.3 | 6.0 | 7.0 | 7.4 | 5.0 | 3.8 | 5.2 | 7.0 | 6.1 | 6.1 | 5.4 | 6.4 | 5.9 | 6.9 | 7.2 | 6.9 | 5.9 | 6.8 | 6.4 |
| DLFPS-321/3693 | 7.0 | 7.1 | 6.3 | 6.7 | 6.5 | 6.5 | 5.7 | 3.1 | 5.5 | 6.9 | 7.1 | 5.3 | 3.4 | 5.0 | 7.0 | 6.6 | 5.9 | 5.6 | 6.8 | 5.6 | 6.9 | 7.0 | 6.7 | 5.6 | 6.5 | 6.2 |
| DLFPS-321/3694 | 6.0 | 7.1 | 6.4 | 6.8 | 6.8 | 5.5 | 5.4 | 2.8 | 5.7 | 6.9 | 7.2 | 5.4 | 2.7 | 4.8 | 6.9 | 5.9 | 5.4 | 5.0 | 6.9 | 5.8 | 6.9 | 6.9 | 6.7 | 5.4 | 6.2 | 5.9 |
| DLFPS-321/3695 | 6.4 | 7.3 | 6.6 | 6.8 | 6.6 | 6.0 | 5.8 | 3.6 | 5.3 | 6.6 | 6.9 | 5.4 | 3.3 | 5.2 | 7.0 | 6.7 | 5.6 | 5.7 | 6.8 | 5.6 | 7.0 | 7.3 | 6.8 | 5.7 | 6.6 | 6.1 |
| DLFPS-321/3703 | 5.9 | 6.9 | 6.1 | 7.0 | 7.0 | 7.0 | 5.4 | 3.5 | 5.7 | 6.6 | 6.9 | 5.2 | 3.3 | 4.6 | 7.0 | 7.6 | 3.8 | 5.2 | 6.5 | 6.0 | 6.8 | 7.1 | 6.7 | 5.4 | 6.1 | 5.8 |
| DLFPS-321/3706 | 6.7 | 7.0 | 6.3 | 6.5 | 6.8 | 6.0 | 5.7 | 3.8 | 5.3 | 7.0 | 6.8 | 5.3 | 3.6 | 5.2 | 6.9 | 6.2 | 5.5 | 5.7 | 6.7 | 6.0 | 6.7 | 7.4 | 6.9 | 5.9 | 6.7 | 6.3 |
| DLFPS-321/3707 | 6.4 | 7.1 | 6.4 | 7.0 | 6.7 | 6.7 | 5.8 | 4.0 | 5.6 | 6.8 | 6.9 | 5.2 | 3.7 | 6.4 | 7.1 | 7.0 | 6.3 | 5.3 | 6.7 | 6.1 | 6.9 | 7.1 | 6.8 | 5.4 | 6.6 | 6.4 |
| DLFPS-321/3708 | 6.4 | 7.3 | 6.4 | 6.9 | 6.8 | 5.9 | 5.6 | 3.3 | 5.3 | 6.7 | 6.7 | 5.1 | 3.8 | 5.7 | 7.0 | 6.7 | 5.8 | 5.9 | 6.6 | 6.3 | 6.9 | 7.4 | 6.8 | 5.9 | 6.8 | 6.5 |
| DLFPS-TF/3553 | 6.4 | 7.1 | 6.2 | 6.7 | 6.8 | 5.8 | 6.0 | 4.1 | 5.7 | 6.6 | 7.1 | 4.9 | 3.8 | 5.2 | 7.0 | 7.1 | 5.4 | 5.6 | 6.9 | 6.1 | 7.0 | 7.0 | 6.7 | 5.7 | 6.8 | 6.3 |
| DRAGSTER | 5.9 | 7.1 | 6.2 | 6.5 | 6.4 | 7.0 | 5.9 | 3.9 | 6.3 | 6.4 | 7.1 | 4.7 | 3.8 | 5.4 | 7.0 | 5.4 | 5.9 | 5.6 | 6.7 | 6.0 | 6.7 | 7.2 | 6.7 | 6.1 | 6.6 | 6.2 |
| DYNAMITE G-LS (PPG-TF 254) | 6.0 | 7.2 | 6.5 | 6.7 | 6.6 | 6.5 | 6.4 | 4.7 | 5.5 | 7.0 | 6.6 | 5.5 | 3.5 | 5.3 | 7.0 | 7.0 | 6.2 | 5.8 | 6.6 | 6.0 | 6.6 | 7.0 | 6.7 | 6.1 | 6.5 | 6.2 |
| ESCALADE | 5.4 | 5.9 | 5.5 | 6.8 | 6.5 | 5.8 | 5.1 | 3.7 | 5.3 | 5.8 | 6.3 | 4.4 | 2.8 | 4.6 | 6.8 | 3.2 | 3.1 | 5.4 | 6.5 | 5.4 | 6.3 | 7.2 | 6.1 | 5.3 | 5.7 | 5.1 |
| ESSENTIAL 2 (DLFPS-TF/3552) | 6.4 | 7.2 | 6.5 | 6.6 | 6.7 | 6.3 | 6.0 | 4.2 | 5.9 | 6.5 | 6.9 | 4.9 | 3.5 | 5.5 | 6.9 | 7.0 | 6.2 | 5.6 | 6.7 | 6.0 | 7.0 | 6.9 | 7.0 | 5.7 | 6.5 | 6.2 |
| ESTRENA | 6.0 | 6.9 | 5.5 | 6.5 | 6.5 | 5.9 | 5.7 | 3.4 | 5.7 | 6.6 | 7.0 | 5.7 | 2.3 | 4.1 | 6.8 | 6.8 | 4.8 | 5.3 | 6.6 | 5.8 | 6.4 | 6.2 | 6.5 | 5.7 | 6.1 | 5.8 |
| FAIRFIELD (SETF104) | 6.3 | 6.9 | 6.8 | 6.7 | 7.3 | 5.3 | 4.0 | 5.5 | 6.3 | 6.8 | 4.5 | 3.4 | 4.8 | 7.0 | 5.6 | 4.5 | 5.2 | 6.3 | 5.7 | 6.6 | 6.6 | 6.6 | 6.7 | 5.9 | 6.6 | 5.9 |
| FAYETTE | 5.8 | 6.6 | 5.7 | 6.8 | 6.8 | 7.3 | 5.4 | 3.2 | 5.3 | 6.3 | 6.9 | 6.0 | 2.7 | 4.8 | 6.6 | 6.2 | 4.4 | 5.7 | 6.5 | 5.5 | 6.4 | 6.4 | 6.4 | 5.6 | 5.7 | 5.5 |
| FIRECRACKER G-LS (PPG-TF 315) | 6.1 | 7.1 | 6.4 | 6.6 | 6.5 | 6.8 | 6.5 | 4.0 | 5.4 | 7.1 | 7.1 | 5.6 | 3.5 | 5.3 | 6.9 | 6.9 | 6.0 | 5.7 | 6.7 | 6.1 | 6.8 | 7.3 | 6.7 | 5.9 | 6.6 | 6.1 |
| FIREHAWK SLT | 5.8 | 7.0 | 6.2 | 6.7 | 6.7 | 6.0 | 6.0 | 4.4 | 5.4 | 6.9 | 7.1 | 5.6 | 3.6 | 4.6 | 6.9 | 5.8 | 4.7 | 5.2 | 6.8 | 5.7 | 6.6 | 7.3 | 6.8 | 6.2 | 5.9 | 5.7 |
| FIRENZA II (PPG-TF 244) | 6.7 | 6.8 | 6.6 | 6.8 | 6.5 | 6.9 | 6.0 | 3.8 | 5.5 | 6.7 | 7.3 | 5.2 | 4.0 | 6.5 | 6.9 | 6.3 | 6.4 | 5.9 | 6.5 | 5.9 | 7.0 | 6.8 | 6.8 | 5.9 | 6.7 | 6.4 |
| GALACTIC (SESSCR1) | 6.4 | 6.8 | 6.6 | 6.6 | 6.6 | 7.0 | 5.6 | 4.2 | 5.8 | 6.8 | 7.3 | 5.0 | 3.1 | 6.0 | 7.0 | 6.0 | 6.6 | 5.8 | 6.8 | 6.0 | 7.0 | 6.4 | 6.8 | 6.2 | 6.8 | 6.3 |

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 7.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS IN THE U.S.
2021 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CT1 | DE1 | GA1 | IA1 | IA2 | IA3 | IN1 | KS1 | MA1 | MD1 | MI1 | MO1 | MS1 | NC1 | NE1 | NJ1 | NJ2 | OK1 | ON1 | OR1 | PA2 | TN1 | UT1 | UT2 | VA1 | VA2 |
|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| GALLARDO (DLFPS-TF/3550) | 6.3 | 7.3 | 6.6 | 6.6 | 6.5 | 5.9 | 5.6 | 4.5 | 5.6 | 6.3 | 7.0 | 5.7 | 3.9 | 5.7 | 7.0 | 6.9 | 6.3 | 5.8 | 6.8 | 5.6 | 7.0 | 6.3 | 6.6 | 5.8 | 6.8 | 6.7 |
| GLX ACED (PST-5DART) | 6.0 | 6.9 | 6.1 | 6.7 | 6.9 | 7.0 | 5.8 | 4.0 | 5.3 | 6.5 | 6.8 | 5.0 | 3.8 | 5.5 | 6.9 | 5.5 | 6.0 | 5.5 | 6.3 | 5.7 | 6.6 | 6.7 | 6.6 | 5.6 | 6.1 | 5.8 |
| GO-AOMK | 5.1 | 6.8 | 6.1 | 7.0 | 6.8 | 6.0 | 4.8 | 3.0 | 4.9 | 6.3 | 6.7 | 3.8 | 3.1 | 4.5 | 6.8 | 6.2 | 3.9 | 5.3 | 6.1 | 5.5 | 6.8 | 7.0 | 6.4 | 5.4 | 6.1 | 5.4 |
| GO-RH20 | 6.7 | 7.3 | 6.5 | 6.6 | 6.8 | 6.8 | 5.1 | 4.2 | 5.6 | 6.8 | 7.3 | 6.1 | 3.8 | 6.1 | 7.0 | 6.4 | 6.2 | 5.6 | 7.0 | 5.9 | 6.9 | 7.0 | 6.7 | 6.0 | 6.6 | 6.3 |
| GRAND PRIX (FC15-01P) | 5.0 | 6.5 | 5.7 | 6.5 | 6.9 | 6.8 | 5.1 | 3.3 | 5.0 | 5.6 | 6.6 | 4.2 | 2.6 | 5.3 | 6.9 | 3.8 | 3.6 | 4.9 | 5.5 | 5.4 | 6.0 | 6.3 | 6.2 | 5.3 | 5.7 | 5.3 |
| GRANDE 3 | 6.1 | 6.7 | 6.4 | 6.8 | 6.8 | 7.1 | 5.3 | 3.7 | 5.6 | 6.9 | 7.0 | 5.2 | 3.6 | 4.7 | 7.0 | 4.2 | 5.3 | 5.3 | 6.4 | 5.7 | 6.7 | 6.3 | 6.6 | 5.9 | 6.1 | 5.8 |
| GRO-PRO (SE53D2) | 5.7 | 6.7 | 6.1 | 6.8 | 6.9 | 5.5 | 5.5 | 3.3 | 5.5 | 6.5 | 6.8 | 4.4 | 3.1 | 5.3 | 6.8 | 4.5 | 4.9 | 5.2 | 5.9 | 5.3 | 6.5 | 6.6 | 6.3 | 5.7 | 6.1 | 5.3 |
| HEMI | 6.4 | 6.9 | 6.2 | 6.8 | 6.8 | 6.7 | 5.1 | 4.0 | 5.6 | 6.8 | 6.9 | 5.5 | 3.6 | 4.9 | 6.8 | 5.5 | 5.0 | 5.2 | 6.8 | 5.9 | 6.6 | 7.3 | 6.7 | 5.8 | 6.3 | 5.8 |
| HOUND DOG NINE (DLFPS-321/3702) | 6.0 | 7.1 | 6.5 | 6.9 | 6.8 | 6.7 | 5.5 | 4.3 | 5.6 | 6.5 | 7.2 | 6.0 | 4.0 | 4.8 | 7.1 | 8.0 | 5.4 | 5.8 | 6.5 | 6.3 | 6.9 | 6.6 | 6.8 | 5.8 | 6.6 | 6.2 |
| JT 233 | 6.0 | 7.3 | 6.1 | 6.8 | 6.8 | 7.2 | 5.9 | 3.4 | 5.9 | 6.5 | 7.0 | 5.0 | 3.2 | 5.3 | 7.0 | 6.8 | 5.7 | 5.2 | 6.7 | 5.8 | 6.6 | 6.8 | 6.6 | 5.6 | 6.3 | 5.8 |
| JT 517 | 6.1 | 6.9 | 5.9 | 6.8 | 6.6 | 7.1 | 5.3 | 3.5 | 5.5 | 6.2 | 6.5 | 5.0 | 3.5 | 4.9 | 6.9 | 4.5 | 3.5 | 5.3 | 6.4 | 6.0 | 6.9 | 7.0 | 6.3 | 5.4 | 6.8 | 6.3 |
| K18-NSE | 6.5 | 7.3 | 6.3 | 6.5 | 6.4 | 6.9 | 6.3 | 4.1 | 5.5 | 6.7 | 6.8 | 5.4 | 3.4 | 3.9 | 6.9 | 7.7 | 5.9 | 5.0 | 6.8 | 5.7 | 6.6 | 7.1 | 7.1 | 6.1 | 6.2 | 5.7 |
| K18-RS6 | 6.7 | 7.3 | 6.5 | 6.6 | 6.7 | 6.3 | 6.0 | 4.9 | 5.9 | 7.0 | 7.1 | 5.5 | 3.8 | 5.9 | 6.9 | 6.2 | 7.0 | 5.2 | 6.5 | 5.8 | 6.7 | 7.2 | 6.9 | 5.9 | 6.2 | 6.2 |
| K18-WB1 | 6.4 | 7.1 | 6.1 | 6.8 | 6.8 | 6.8 | 6.1 | 4.2 | 5.7 | 6.8 | 7.1 | 5.6 | 3.3 | 5.7 | 6.8 | 6.9 | 6.0 | 5.3 | 7.0 | 5.9 | 6.7 | 7.3 | 6.7 | 5.9 | 6.3 | 5.9 |
| KENTUCKY-31 | 3.7 | 4.9 | 4.6 | 6.2 | 6.4 | 6.2 | 4.3 | 4.0 | 3.1 | 4.4 | 4.5 | 3.3 | 2.9 | 4.2 | 5.1 | 1.1 | 1.1 | 3.6 | 5.0 | 3.0 | 3.0 | 6.5 | 5.7 | 5.2 | 3.6 | 2.7 |
| KIZZLE (K18-ROE) | 6.2 | 6.9 | 6.3 | 6.6 | 6.5 | 6.1 | 5.8 | 4.3 | 5.4 | 6.5 | 6.9 | 5.7 | 3.8 | 5.5 | 7.0 | 6.1 | 5.0 | 5.8 | 6.7 | 5.8 | 6.9 | 6.8 | 6.6 | 5.9 | 6.3 | 5.6 |
| LBF | 5.5 | 6.7 | 5.8 | 7.0 | 6.8 | 6.8 | 5.5 | 4.0 | 5.1 | 6.1 | 6.8 | 4.4 | 3.0 | 4.5 | 6.9 | 4.5 | 4.0 | 5.2 | 6.2 | 6.1 | 6.7 | 6.7 | 6.3 | 5.4 | 6.2 | 5.8 |
| LIFEGUARD | 5.3 | 6.9 | 6.3 | 6.6 | 6.6 | 6.9 | 6.0 | 4.4 | 5.5 | 7.0 | 6.8 | 5.0 | 2.8 | 5.3 | 6.8 | 4.8 | 4.8 | 5.5 | 6.3 | 5.3 | 6.5 | 6.9 | 6.4 | 5.8 | 6.3 | 6.2 |
| MONUMENT (PST-5SQB) | 5.6 | 6.3 | 5.9 | 6.5 | 6.5 | 7.0 | 5.7 | 3.1 | 5.2 | 6.1 | 6.7 | 4.1 | 3.1 | 5.7 | 6.9 | 4.7 | 4.6 | 5.3 | 6.3 | 5.3 | 6.3 | 6.3 | 6.3 | 5.7 | 5.7 | 5.4 |
| MOONDANCE GLX | 5.8 | 6.7 | 6.0 | 6.4 | 6.6 | 7.4 | 5.7 | 3.1 | 5.0 | 6.5 | 7.1 | 5.0 | 3.2 | 5.6 | 6.9 | 4.0 | 4.7 | 5.7 | 6.3 | 5.0 | 6.3 | 6.6 | 6.2 | 5.4 | 6.3 | 5.8 |
| NAI-FQZ-17 | 5.9 | 6.4 | 5.8 | 6.8 | 6.7 | 6.2 | 5.3 | 3.7 | 5.0 | 6.0 | 7.2 | 4.0 | 2.6 | 5.0 | 6.9 | 5.3 | 3.2 | 5.1 | 6.3 | 5.6 | 6.6 | 6.7 | 6.1 | 5.6 | 6.0 | 5.8 |
| NAI-ROS4 | 6.0 | 7.2 | 6.5 | 6.5 | 6.5 | 6.9 | 6.0 | 3.6 | 6.0 | 6.6 | 7.1 | 5.8 | 3.8 | 5.3 | 7.0 | 6.5 | 6.2 | 5.3 | 7.0 | 5.7 | 7.0 | 7.1 | 6.7 | 6.0 | 6.6 | 6.1 |
| NAI-ST5 | 6.5 | 6.9 | 6.4 | 6.8 | 6.9 | 6.3 | 5.9 | 4.1 | 5.4 | 6.8 | 7.3 | 5.7 | 3.8 | 5.6 | 6.9 | 6.0 | 5.8 | 5.5 | 6.6 | 6.0 | 7.0 | 6.7 | 6.8 | 5.8 | 6.7 | 6.3 |
| NATURALLY GREEN | 5.8 | 6.4 | 5.7 | 7.0 | 6.8 | 6.3 | 4.8 | 3.9 | 5.6 | 5.9 | 6.4 | 4.8 | 2.9 | 4.8 | 7.0 | 4.0 | 3.5 | 5.0 | 6.5 | 5.6 | 6.7 | 7.0 | 6.5 | 5.3 | 6.1 | 5.7 |
| NT-3 | 6.9 | 7.2 | 6.4 | 6.7 | 6.7 | 6.1 | 5.8 | 4.5 | 5.9 | 6.7 | 6.8 | 5.4 | 3.9 | 5.3 | 7.0 | 6.0 | 6.0 | 5.1 | 6.5 | 5.7 | 6.6 | 6.8 | 6.7 | 5.7 | 6.5 | 6.1 |
| OG-WALK | 5.2 | 5.8 | 5.5 | 7.0 | 7.1 | 5.5 | 5.0 | 3.5 | 4.6 | 5.4 | 6.7 | 4.2 | 2.5 | 4.7 | 6.9 | 2.2 | 3.3 | 4.5 | 5.8 | 5.0 | 5.8 | 7.1 | 6.1 | 5.3 | 5.6 | 4.8 |
| OKEEFE (LTP-TF-122) | 6.6 | 7.1 | 6.2 | 6.5 | 6.6 | 7.1 | 5.6 | 3.8 | 5.7 | 6.9 | 7.2 | 5.0 | 3.4 | 4.7 | 7.0 | 7.0 | 5.9 | 5.8 | 6.6 | 6.0 | 7.1 | 6.4 | 6.7 | 5.8 | 6.6 | 6.2 |
| PADRE 2 | 6.0 | 6.9 | 6.1 | 6.7 | 6.9 | 7.3 | 5.6 | 3.3 | 5.3 | 6.7 | 7.0 | 5.7 | 3.2 | 5.3 | 6.9 | 6.5 | 5.0 | 5.5 | 6.3 | 5.9 | 6.7 | 7.1 | 6.4 | 5.9 | 6.4 | 5.7 |
| PALOMAR | 4.9 | 6.1 | 5.5 | 6.8 | 6.8 | 5.3 | 5.1 | 3.7 | 4.9 | 5.2 | 6.6 | 4.1 | 2.7 | 4.3 | 7.0 | 2.7 | 3.6 | 4.9 | 5.9 | 4.7 | 6.4 | 6.9 | 6.0 | 5.1 | 5.3 | 4.9 |
| PARAMOUNT | 6.7 | 6.8 | 6.1 | 6.7 | 6.9 | 5.8 | 5.5 | 3.7 | 6.0 | 6.9 | 7.1 | 5.2 | 2.9 | 5.1 | 7.0 | 6.6 | 5.0 | 5.4 | 6.8 | 6.0 | 6.8 | 7.2 | 6.4 | 5.6 | 6.6 | 6.1 |
| PPG-TF 231 | 6.5 | 6.9 | 6.3 | 6.8 | 6.5 | 7.3 | 5.8 | 3.0 | 5.8 | 6.9 | 7.1 | 4.8 | 2.8 | 4.8 | 7.0 | 7.2 | 4.7 | 5.6 | 7.2 | 6.0 | 6.8 | 6.7 | 6.4 | 5.9 | 6.6 | 6.3 |
| PPG-TF 249 | 6.1 | 7.2 | 6.6 | 6.6 | 6.7 | 6.3 | 6.4 | 3.8 | 5.9 | 6.7 | 7.2 | 6.0 | 3.4 | 5.1 | 7.1 | 6.7 | 5.7 | 5.7 | 6.3 | 5.9 | 6.9 | 7.0 | 6.7 | 6.3 | 6.2 | 6.1 |
| PPG-TF 257 | 6.2 | 7.0 | 6.7 | 6.6 | 6.9 | 7.1 | 6.0 | 4.3 | 5.5 | 6.6 | 7.0 | 5.4 | 3.7 | 4.8 | 7.0 | 6.5 | 5.4 | 6.0 | 6.7 | 5.9 | 6.6 | 7.3 | 6.7 | 6.1 | 6.4 | 6.2 |
| PPG-TF 262 | 6.9 | 7.4 | 6.3 | 6.7 | 6.7 | 5.0 | 6.3 | 4.7 | 5.9 | 7.3 | 7.1 | 5.8 | 4.0 | 5.8 | 7.0 | 7.1 | 6.2 | 5.5 | 6.8 | 6.3 | 6.9 | 7.2 | 6.8 | 6.1 | 6.6 | 6.4 |
| PPG-TF 267 | 6.5 | 7.2 | 6.2 | 6.8 | 6.5 | 5.3 | 6.6 | 4.6 | 5.6 | 7.0 | 7.1 | 5.3 | 3.6 | 5.6 | 6.9 | 7.3 | 5.3 | 5.6 | 7.2 | 6.5 | 6.6 | 6.8 | 6.8 | 6.0 | 6.4 | 6.0 |
| PPG-TF 306 | 6.3 | 7.3 | 6.2 | 6.8 | 6.8 | 7.3 | 5.8 | 3.7 | 6.1 | 6.7 | 7.3 | 5.1 | 3.6 | 6.0 | 7.0 | 7.0 | 5.6 | 5.3 | 6.8 | 5.9 | 6.7 | 7.2 | 6.7 | 6.3 | 6.8 | 6.3 |
| PPG-TF 312 | 6.8 | 7.2 | 6.3 | 6.5 | 6.6 | 6.3 | 6.2 | 3.7 | 5.0 | 6.9 | 6.7 | 5.3 | 2.9 | 3.6 | 6.8 | 6.9 | 6.3 | 4.9 | 6.3 | 5.5 | 6.2 | 7.0 | 6.9 | 6.1 | 7.1 | 6.6 |
| PPG-TF 316 | 6.0 | 7.2 | 6.3 | 6.8 | 6.6 | 6.4 | 6.1 | 4.5 | 5.9 | 7.0 | 7.3 | 5.8 | 3.8 | 5.3 | 7.1 | 6.8 | 6.2 | 5.6 | 6.9 | 6.0 | 7.1 | 6.7 | 6.8 | 6.3 | 6.5 | 6.3 |
| PPG-TF 318 | 6.2 | 6.8 | 6.2 | 6.8 | 6.7 | 6.3 | 6.1 | 4.3 | 5.9 | 7.0 | 7.1 | 4.7 | 2.9 | 5.5 | 7.0 | 4.7 | 6.4 | 5.7 | 6.5 | 5.6 | 6.7 | 6.9 | 6.7 | 5.8 | 6.6 | 6.1 |
| PPG-TF 337 | 6.4 | 7.4 | 6.5 | 6.5 | 6.4 | 5.7 | 6.4 | 4.3 | 5.6 | 7.2 | 6.8 | 5.8 | 3.9 | 5.2 | 7.0 | 6.1 | 5.4 | 5.5 | 6.7 | 6.0 | 6.8 | 7.1 | 6.7 | 6.2 | 6.6 | 6.2 |
| PRO GOLD | 5.1 | 6.8 | 6.0 | 6.5 | 6.8 | 7.0 | 5.5 | 3.7 | 5.8 | 6.3 | 6.7 | 5.2 | 3.1 | 5.1 | 6.7 | 5.0 | 4.6 | 5.2 | 6.1 | 5.5 | 6.1 | 7.3 | 6.3 | 5.9 | 5.7 | 5.4 |
| PST-5BYOB | 5.4 | 6.9 | 6.2 | 6.6 | 6.6 | 7.0 | 6.0 | 3.7 | 5.5 | 6.8 | 6.8 | 5.1 | 2.8 | 6.3 | 6.7 | 4.9 | 4.9 | 5.5 | 6.0 | 5.6 | 6.5 | 6.8 | 6.2 | 5.8 | 6.0 | 5.4 |
| PST-5DC24 | 5.5 | 6.6 | 6.0 | 7.0 | 6.8 | 7.2 | 5.7 | 3.6 | 5.3 | 6.0 | 6.9 | 4.9 | 3.5 | 5.3 | 7.0 | 4.5 | 4.3 | 5.2 | 5.7 | 5.6 | 6.6 | 6.6 | 6.5 | 5.8 | 6.1 | 5.6 |
| PST-5DZM | 5.6 | 6.4 | 6.2 | 6.8 | 6.7 | 7.2 | 5.5 | 3.6 | 5.3 | 6.4 | 6.6 | 4.9 | 3.7 | 4.5 | 6.8 | 5.0 | 4.4 | 5.2 | 6.5 | 5.5 | 6.4 | 7.1 | 6.6 | 5.8 | 5.9 | 5.9 |
| PST-5E6 | 5.6 | 7.3 | 6.3 | 6.5 | 6.5 | 7.2 | 5.6 | 4.9 | 5.1 | 6.5 | 6.6 | 4.2 | 4.3 | 5.6 | 6.6 | 5.2 | 5.9 | 5.2 | 6.3 | 5.4 | 6.3 | 7.0 | 6.7 | 5.9 | 6.4 | 6.1 |
| PST-5GLBS | 6.0 | 6.6 | 6.2 | 6.7 | 7.0 | 6.8 | 5.6 | 4.5 | 5.7 | 6.2 | 7.0 | 5.1 | 4.6 | 5.7 | 6.9 | 4.4 | 5.4 | 5.5 | 6.1 | 5.4 | 6.5 | 7.2 | 6.6 | 5.7 | 6.1 | 5.8 |

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 7.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS IN THE U.S.
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|-----|-----|-----|-----|------|-----|------|-----|-----|-----|------|------|------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | CT1 | DE1 | GA1 | IA1 | IA2 | IA3 | IN1 | KS1 | MA1 | MD1 | MI1 | MO1 | MS1 | NC1 | NE1 | NJ1 | NJ2 | OK1 | ON1 | OR1 | PA2 | TN1 | UT1 | UT2 | VA1 | VA2 |
| PST-5GQ | 6.0 | 6.8 | 6.1 | 6.8 | 6.6 | 7.0 | 5.8 | 3.8 | 5.4 | 6.4 | 7.1 | 4.1 | 3.9 | 5.4 | 7.0 | 5.3 | 5.4 | 5.3 | 6.5 | 5.7 | 6.5 | 6.9 | 6.4 | 5.7 | 6.1 | 5.6 |
| PST-5MCMO | 6.0 | 6.8 | 6.1 | 6.5 | 6.6 | 7.2 | 5.9 | 4.5 | 5.1 | 6.6 | 6.9 | 4.2 | 4.1 | 5.8 | 6.9 | 5.0 | 5.3 | 5.5 | 6.3 | 5.3 | 6.9 | 7.7 | 6.6 | 5.9 | 6.2 | 5.7 |
| PST-5MINK | 5.9 | 6.4 | 5.7 | 6.8 | 6.7 | 7.0 | 5.1 | 3.9 | 5.2 | 6.0 | 6.9 | 4.7 | 3.0 | 4.6 | 6.8 | 4.6 | 4.0 | 5.2 | 6.3 | 5.3 | 6.6 | 6.8 | 6.3 | 5.9 | 5.7 | 5.6 |
| PST-5THM | 5.5 | 6.7 | 6.3 | 6.7 | 6.8 | 7.1 | 5.3 | 4.1 | 5.1 | 6.3 | 6.8 | 4.9 | 3.7 | 6.1 | 7.0 | 3.7 | 4.9 | 5.5 | 6.3 | 5.4 | 6.3 | 6.6 | 6.3 | 5.6 | 5.6 | 5.2 |
| PST-5TRN | 5.4 | 6.7 | 6.3 | 6.6 | 6.8 | 7.2 | 5.3 | 4.2 | 5.0 | 6.5 | 6.9 | 5.2 | 3.5 | 5.4 | 7.0 | 5.0 | 5.3 | 5.7 | 6.5 | 5.3 | 6.2 | 6.9 | 6.7 | 5.6 | 6.3 | 5.7 |
| RACEWAY (DLFPS-321/3696) | 5.7 | 6.9 | 6.0 | 7.0 | 6.9 | 7.5 | 5.9 | 4.3 | 5.8 | 6.5 | 7.1 | 5.1 | 3.7 | 4.7 | 7.0 | 7.0 | 5.0 | 5.5 | 6.7 | 6.1 | 6.9 | 6.9 | 6.7 | 5.4 | 6.1 | 5.5 |
| RAD-TF105 | 5.7 | 6.9 | 5.9 | 6.9 | 6.7 | 7.2 | 5.6 | 3.6 | 5.7 | 7.0 | 6.8 | 4.7 | 2.9 | 5.1 | 6.7 | 5.6 | 5.2 | 5.0 | 6.6 | 5.5 | 6.6 | 7.0 | 6.6 | 5.8 | 5.8 | 5.3 |
| RAD-TF115 (TURBO SS) | 5.5 | 6.7 | 5.7 | 7.1 | 7.0 | 7.3 | 4.7 | 3.2 | 5.0 | 6.1 | 6.7 | 4.2 | 3.1 | 3.6 | 6.9 | 4.1 | 3.6 | 3.0 | 7.0 | 5.1 | 6.8 | 6.5 | 6.6 | 5.6 | 6.3 | 6.0 |
| RAD-TF131 | 5.6 | 6.6 | 5.9 | 7.0 | 6.8 | 6.0 | 4.3 | 3.6 | 5.0 | 6.1 | 6.9 | 4.4 | 3.2 | 3.5 | 7.0 | 5.1 | 3.0 | 4.2 | 6.8 | 5.1 | 6.6 | 6.6 | 6.3 | 5.8 | 6.1 | 5.4 |
| RAPTOR III | 6.0 | 7.1 | 6.2 | 6.9 | 6.8 | 6.4 | 5.4 | 3.9 | 5.2 | 6.9 | 7.1 | 5.2 | 3.6 | 4.8 | 7.0 | 5.7 | 5.0 | 5.2 | 6.6 | 5.7 | 6.7 | 7.1 | 6.7 | 5.4 | 6.4 | 6.0 |
| RAPTOR LS (PPG-TF 336) | 6.3 | 7.3 | 6.5 | 6.6 | 6.6 | 6.3 | 6.6 | 4.1 | 5.8 | 7.4 | 7.1 | 5.4 | 3.3 | 4.8 | 6.9 | 7.0 | 6.7 | 5.2 | 6.3 | 6.2 | 6.9 | 7.2 | 6.9 | 6.2 | 6.6 | 6.1 |
| RC4 | 6.1 | 7.0 | 6.7 | 6.9 | 6.7 | 6.8 | 5.1 | 4.3 | 6.0 | 6.9 | 6.9 | 4.9 | 3.8 | 5.4 | 7.0 | 7.3 | 6.1 | 5.5 | 6.5 | 5.9 | 6.9 | 6.9 | 6.8 | 6.1 | 6.1 | 5.9 |
| RDC | 6.6 | 7.3 | 6.1 | 6.4 | 6.3 | 7.0 | 5.9 | 4.7 | 5.5 | 6.5 | 6.9 | 5.6 | 3.3 | 5.2 | 7.1 | 6.9 | 6.3 | 5.5 | 6.5 | 6.0 | 6.9 | 7.0 | 6.8 | 6.0 | 6.2 | 6.0 |
| RH1 | 5.8 | 6.9 | 6.2 | 6.6 | 6.7 | 6.9 | 5.8 | 4.8 | 5.9 | 6.6 | 7.1 | 5.0 | 3.7 | 6.5 | 7.0 | 6.7 | 5.4 | 5.4 | 6.8 | 6.4 | 6.9 | 7.3 | 6.7 | 5.6 | 6.6 | 6.3 |
| RH3 | 6.3 | 7.0 | 6.6 | 6.5 | 6.4 | 7.1 | 5.8 | 4.4 | 5.8 | 6.5 | 6.9 | 5.3 | 3.1 | 5.7 | 6.9 | 7.2 | 6.3 | 5.6 | 6.5 | 5.8 | 6.7 | 7.0 | 7.1 | 5.8 | 6.4 | 6.3 |
| RHF | 6.7 | 7.0 | 6.4 | 6.5 | 6.6 | 6.5 | 5.9 | 4.5 | 5.5 | 6.6 | 6.8 | 5.7 | 3.9 | 5.2 | 6.9 | 5.8 | 6.3 | 5.3 | 6.4 | 5.8 | 7.1 | 6.4 | 7.0 | 6.3 | 5.9 | 5.4 |
| RHL2 | 6.5 | 7.2 | 6.5 | 6.8 | 6.7 | 6.0 | 6.0 | 4.7 | 6.0 | 7.2 | 7.1 | 5.3 | 3.4 | 5.4 | 7.0 | 7.2 | 6.2 | 5.2 | 6.4 | 6.1 | 6.5 | 7.4 | 7.2 | 6.1 | 6.7 | 6.5 |
| ROWDIER (DLFPS-321/3699) | 6.1 | 6.9 | 6.3 | 6.9 | 6.8 | 7.1 | 5.6 | 3.9 | 5.8 | 6.8 | 7.1 | 5.2 | 3.5 | 5.0 | 7.0 | 6.0 | 5.4 | 5.8 | 6.7 | 5.7 | 6.9 | 7.3 | 6.6 | 5.6 | 6.4 | 6.2 |
| RS1 | 6.4 | 7.1 | 6.5 | 6.5 | 6.5 | 5.9 | 5.5 | 4.5 | 5.5 | 6.6 | 7.2 | 5.4 | 3.6 | 5.3 | 6.9 | 6.4 | 6.4 | 5.5 | 6.7 | 5.9 | 6.6 | 7.2 | 6.8 | 5.9 | 6.6 | 6.5 |
| SE5STAR | 5.3 | 6.3 | 5.8 | 6.7 | 6.8 | 6.3 | 5.1 | 3.5 | 5.5 | 6.4 | 6.1 | 4.0 | 2.9 | 5.2 | 6.9 | 5.3 | 3.9 | 5.1 | 6.3 | 5.3 | 6.3 | 7.0 | 6.3 | 5.5 | 6.0 | 5.4 |
| SERENADE (PPG-TF 320) | 6.6 | 7.1 | 6.5 | 6.7 | 6.8 | 5.8 | 6.2 | 4.5 | 5.5 | 7.0 | 6.7 | 5.8 | 3.8 | 5.8 | 7.0 | 6.4 | 6.3 | 5.6 | 6.8 | 5.9 | 6.8 | 7.1 | 6.8 | 5.7 | 6.9 | 6.5 |
| SETFM2 | 5.3 | 6.7 | 5.6 | 6.9 | 6.8 | 6.4 | 5.0 | 3.1 | 5.1 | 5.6 | 6.9 | 4.5 | 3.1 | 4.3 | 6.8 | 4.7 | 3.5 | 5.4 | 5.9 | 5.6 | 6.9 | 7.2 | 6.4 | 5.5 | 5.9 | 5.5 |
| SETFM3 | 6.0 | 6.7 | 5.9 | 6.9 | 6.9 | 6.9 | 5.1 | 4.0 | 5.5 | 6.3 | 7.1 | 4.6 | 3.3 | 5.2 | 6.8 | 4.8 | 4.0 | 5.1 | 6.5 | 5.8 | 6.5 | 6.8 | 6.6 | 5.7 | 6.2 | 6.1 |
| SPYDER 2LS (ZRC1) | 6.4 | 7.2 | 6.5 | 6.5 | 6.4 | 6.9 | 6.3 | 4.6 | 5.9 | 7.1 | 7.3 | 5.8 | 3.6 | 5.3 | 6.8 | 6.8 | 6.8 | 5.3 | 7.0 | 5.9 | 6.6 | 7.2 | 6.9 | 6.3 | 6.5 | 6.3 |
| SR 8700 (TMT1) | 6.3 | 7.1 | 6.2 | 6.6 | 6.8 | 6.4 | 6.3 | 3.9 | 6.0 | 6.7 | 7.1 | 5.2 | 3.3 | 5.0 | 7.0 | 5.5 | 6.3 | 5.5 | 6.3 | 6.0 | 7.0 | 7.1 | 6.6 | 5.4 | 6.6 | 6.1 |
| STEALTH (PPG-TF 238) | 6.4 | 7.3 | 6.7 | 6.5 | 6.6 | 7.3 | 6.0 | 4.4 | 5.9 | 6.7 | 7.0 | 5.4 | 3.5 | 5.3 | 7.0 | 6.7 | 5.9 | 5.5 | 6.8 | 6.1 | 6.6 | 6.3 | 6.5 | 6.1 | 6.3 | 6.1 |
| SYMPHONY (PPG-TF 305) | 6.1 | 7.2 | 6.5 | 6.5 | 6.5 | 7.1 | 6.0 | 4.1 | 5.8 | 6.9 | 7.0 | 5.9 | 3.9 | 5.1 | 7.0 | 6.0 | 6.0 | 5.8 | 6.6 | 6.1 | 7.2 | 6.4 | 6.8 | 6.2 | 6.7 | 6.3 |
| TALLADEGA II (NAI-3N2) | 6.0 | 7.2 | 6.0 | 6.6 | 6.8 | 6.8 | 5.4 | 3.3 | 5.6 | 6.8 | 6.9 | 5.4 | 2.8 | 5.1 | 6.9 | 6.7 | 5.1 | 5.6 | 6.7 | 5.9 | 7.0 | 6.6 | 6.7 | 5.9 | 6.4 | 5.7 |
| TANGO | 5.7 | 6.4 | 5.9 | 6.6 | 6.8 | 7.0 | 5.3 | 3.3 | 5.0 | 6.3 | 6.9 | 4.6 | 3.2 | 4.8 | 7.0 | 5.3 | 4.2 | 5.2 | 6.5 | 5.6 | 6.5 | 7.3 | 6.6 | 5.8 | 6.0 | 5.6 |
| TANK (PPG-TF 338) | 6.2 | 7.0 | 6.2 | 6.6 | 6.9 | 5.5 | 5.6 | 4.5 | 5.8 | 6.7 | 7.0 | 6.0 | 3.7 | 5.7 | 6.9 | 7.4 | 5.3 | 5.4 | 6.4 | 6.0 | 6.9 | 7.3 | 6.8 | 5.8 | 6.4 | 5.8 |
| TD2 | 6.7 | 7.5 | 6.5 | 6.7 | 6.8 | 6.4 | 6.0 | 4.5 | 5.5 | 6.9 | 7.3 | 5.1 | 4.0 | 5.8 | 7.0 | 6.2 | 6.2 | 5.6 | 6.0 | 5.8 | 6.8 | 7.0 | 6.9 | 5.9 | 7.2 | 6.6 |
| TEACHER (PPG-TF 313) | 6.5 | 7.4 | 6.2 | 6.7 | 6.6 | 6.1 | 6.0 | 4.1 | 5.3 | 7.0 | 6.9 | 6.3 | 4.0 | 4.7 | 7.1 | 6.5 | 6.0 | 5.2 | 7.1 | 6.4 | 6.8 | 7.2 | 6.8 | 6.0 | 6.4 | 6.0 |
| TITAN GLX (TF445) | 6.5 | 7.3 | 6.2 | 6.5 | 6.7 | 6.7 | 5.8 | 5.1 | 5.4 | 6.6 | 6.9 | 5.0 | 4.4 | 6.2 | 7.0 | 6.4 | 6.7 | 5.5 | 6.4 | 5.8 | 6.7 | 7.3 | 6.5 | 5.8 | 7.2 | 6.5 |
| TITAN MAX (TF456) | 6.2 | 7.2 | 6.2 | 6.6 | 6.6 | 6.4 | 6.0 | 4.2 | 5.6 | 6.5 | 7.1 | 5.5 | 4.0 | 6.2 | 6.8 | 6.1 | 5.7 | 5.4 | 6.7 | 5.3 | 6.5 | 6.9 | 6.8 | 5.7 | 6.6 | 6.3 |
| TITANIUM G-LS (PPG-TF 255) | 6.2 | 7.3 | 6.4 | 6.9 | 6.9 | 6.7 | 5.8 | 4.4 | 5.5 | 7.3 | 6.9 | 5.8 | 4.0 | 6.3 | 7.0 | 6.3 | 6.0 | 5.7 | 6.7 | 6.1 | 6.7 | 7.2 | 6.9 | 5.9 | 6.8 | 6.6 |
| TOUGH (NAI-TUE) | 5.8 | 6.8 | 6.3 | 6.7 | 6.7 | 6.8 | 5.5 | 3.5 | 5.3 | 6.7 | 7.2 | 5.4 | 2.9 | 5.5 | 7.0 | 4.7 | 4.5 | 5.3 | 6.9 | 5.8 | 7.0 | 6.9 | 6.2 | 5.8 | 6.4 | 5.4 |
| TRIAD (PPG-TF 323) | 6.2 | 7.3 | 6.4 | 6.8 | 6.7 | 5.6 | 5.5 | 4.6 | 6.1 | 6.8 | 7.3 | 5.5 | 3.9 | 5.7 | 7.0 | 6.6 | 5.7 | 5.4 | 7.0 | 6.2 | 6.8 | 7.0 | 7.0 | 6.0 | 6.5 | 6.2 |
| XANADU (JT 268) | 6.0 | 7.4 | 6.5 | 6.8 | 6.9 | 7.4 | 6.4 | 4.7 | 5.8 | 7.0 | 7.3 | 6.1 | 3.8 | 5.7 | 6.9 | 5.9 | 6.1 | 5.6 | 6.4 | 6.1 | 6.9 | 6.4 | 6.9 | 6.2 | 6.1 | 5.7 |
| ZION (BAR TF 134) | 6.6 | 7.1 | 6.2 | 6.6 | 6.5 | 5.2 | 6.3 | 4.6 | 5.6 | 7.2 | 7.2 | 4.7 | 4.2 | 5.9 | 7.0 | 6.7 | 6.7 | 5.5 | 6.5 | 6.0 | 6.6 | 7.4 | 6.9 | 6.4 | 6.4 | 6.5 |
| LSD VALUE | 0.7 | 0.4 | 0.5 | 0.3 | 0.4 | 1.7 | 0.7 | 0.9 | 0.5 | 0.6 | 0.5 | 1.1 | 0.7 | 1.1 | 0.3 | 1.4 | 0.9 | 0.7 | 0.7 | 0.5 | 0.4 | 0.8 | 0.4 | 0.7 | 0.8 | 0.9 |
| C.V. (%) | 7.7 | 3.8 | 4.8 | 2.8 | 3.4 | 16.2 | 7.2 | 13.3 | 6.0 | 5.4 | 4.5 | 12.9 | 13.3 | 12.6 | 2.4 | 14.7 | 11.0 | 8.3 | 6.5 | 5.4 | 4.0 | 7.2 | 3.9 | 7.9 | 7.9 | 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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON CULTIVARS
GROWN AT EIGHT LOCATIONS (GROWN UNDER LOW INPUT) IN THE U.S.
2021 DATA

| | | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | |
|-------------|---------|---|------|-----|------|------|------|------|------|
| NAME | | FL3 | FL4 | MS1 | NC1 | NM1 | OK1 | TX2 | UT1 |
| 16-TZ-14114 | ZOYSIA | 6.1 | 1.1 | 5.0 | 6.8 | 4.0 | 5.6 | 5.0 | 3.4 |
| ASC-117 | BERMUDA | 5.9 | 5.8 | 2.8 | 3.0 | 3.7 | 3.2 | 2.4 | 4.0 |
| CODY | BUFFALO | 5.3 | 1.1 | 4.9 | 4.4 | 3.6 | 4.2 | 4.5 | 5.4 |
| FAES 1322 | ZOYSIA | 6.8 | 1.2 | 4.6 | 5.8 | 4.0 | 4.4 | 3.8 | 3.4 |
| FB 1628 | BERMUDA | 6.4 | 5.0 | 5.0 | 5.5 | 5.4 | 5.4 | 4.2 | 4.6 |
| HABITURF | MIXTURE | 5.9 | 5.1 | 4.8 | 4.2 | 3.5 | 4.4 | 4.7 | 5.2 |
| MEYER | ZOYSIA | 6.5 | 3.7 | 5.2 | 5.8 | 3.0 | 5.7 | 4.4 | 3.6 |
| MIDIRON | BERMUDA | 6.4 | 4.4 | 4.4 | 4.4 | 4.9 | 5.4 | 5.4 | 5.3 |
| TIFWAY | BERMUDA | 6.5 | 3.9 | 4.5 | 5.8 | 4.8 | 5.7 | 4.9 | 4.6 |
| XZ 14069 | ZOYSIA | 6.5 | 1.0 | 5.6 | 6.4 | 3.8 | 5.8 | 5.0 | 3.3 |
| LSD VALUE | | 0.7 | 0.4 | 0.3 | 0.9 | 1.4 | 0.8 | 1.2 | 1.1 |
| C.V. (%) | | 7.2 | 10.5 | 4.2 | 10.8 | 21.8 | 10.2 | 17.5 | 14.3 |

- 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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 9.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT SEVENTEEN LOCATIONS IN THE U.S.
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | | | | | | | | |
|---------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | CT1 | IA1 | IA2 | IN1 | MA1 | MD1 | MI1 | MN1 | NC1 | ND1 | NE1 | NJ1 | NJ2 | OK1 | TN1 | UT1 | VA1 |
| A06-8 | 6.2 | 5.4 | 5.7 | 5.5 | 4.8 | 7.0 | 6.2 | 3.9 | 4.3 | 6.7 | 6.1 | 4.7 | 4.7 | 4.3 | 7.4 | 5.4 | 5.8 |
| A10-280 | 5.0 | 4.8 | 5.2 | 5.5 | 4.4 | 6.2 | 6.5 | 5.7 | 4.8 | 6.9 | 5.9 | 5.3 | 4.9 | 4.9 | 6.8 | 4.9 | 6.9 |
| A11-26 | 5.3 | 4.5 | 4.0 | 6.2 | 4.4 | 7.0 | 5.6 | 5.5 | 4.2 | 6.2 | 6.3 | 4.6 | 6.5 | 4.7 | 7.0 | 4.9 | 6.3 |
| A11-38 | 5.4 | 5.0 | 5.5 | 5.4 | 5.5 | 6.9 | 6.4 | 5.6 | 4.2 | 6.5 | 6.0 | 3.7 | 3.2 | 3.9 | 7.2 | 4.8 | 4.7 |
| A11-40 | 5.9 | 5.0 | 4.4 | 5.7 | 5.2 | 7.1 | 7.1 | 4.9 | 3.5 | 6.5 | 6.0 | 7.1 | 5.5 | 4.9 | 6.8 | 4.9 | 6.5 |
| A12-34 | 5.5 | 4.6 | 5.2 | 5.2 | 4.5 | 6.6 | 6.7 | 3.7 | 3.2 | 6.5 | 6.3 | 4.2 | 4.7 | 4.9 | 6.7 | 5.3 | 5.1 |
| A13-1 | 5.6 | 5.1 | 5.3 | 6.2 | 4.8 | 6.0 | 6.6 | 4.6 | 4.6 | 6.3 | 6.1 | 4.2 | 6.5 | 5.5 | 7.3 | 5.8 | 6.9 |
| A15-6 | 5.3 | 3.5 | 4.8 | 5.4 | 5.1 | 6.0 | 5.9 | 5.1 | 4.7 | 6.2 | 5.8 | 4.4 | 5.3 | 5.2 | 7.8 | 5.3 | 6.6 |
| A16-1 | 6.3 | 5.4 | 4.4 | 5.4 | 5.2 | 6.4 | 5.4 | 5.1 | 3.2 | 6.7 | 6.2 | 2.5 | 3.2 | 4.4 | 6.9 | 5.1 | 7.2 |
| A16-17 | 6.3 | 5.4 | 6.1 | 6.0 | 6.0 | 7.0 | 6.7 | 4.4 | 4.0 | 6.2 | 6.0 | 3.4 | 7.3 | 5.0 | 7.0 | 4.7 | 6.0 |
| A16-2 | 5.9 | 5.4 | 5.4 | 5.8 | 5.2 | 6.0 | 5.8 | 5.4 | 3.4 | 6.3 | 6.0 | 6.3 | 4.5 | 4.8 | 7.4 | 5.3 | 6.9 |
| A16-7 | 5.9 | 5.7 | 4.2 | 4.9 | 5.0 | 7.1 | 6.1 | 3.8 | 3.5 | 6.2 | 6.1 | 4.6 | 4.2 | 5.0 | 6.7 | 4.2 | 5.5 |
| A99-2897 | 5.6 | 5.0 | 5.3 | 5.9 | 4.8 | 6.7 | 6.4 | 4.9 | 5.1 | 6.3 | 6.2 | 4.4 | 6.8 | 4.9 | 6.9 | 5.4 | 6.0 |
| AFTER MIDNIGHT | 6.6 | 3.8 | 5.6 | 3.4 | 5.8 | 7.3 | 5.6 | 3.8 | 4.8 | 7.2 | 5.9 | 6.9 | 4.8 | 5.2 | 7.5 | 5.6 | 6.2 |
| AKB3128 | 5.1 | 4.6 | 5.3 | 5.8 | 4.8 | 5.8 | 6.3 | 5.2 | 4.2 | 7.2 | 6.1 | 5.0 | 5.6 | 5.1 | 7.1 | 5.4 | 6.9 |
| AKB3179 | 5.0 | 4.8 | 5.2 | 6.3 | 4.4 | 6.1 | 6.7 | 5.8 | 3.6 | 7.3 | 6.3 | 5.1 | 4.7 | 4.8 | 7.1 | 4.1 | 6.1 |
| AKB3241 | 5.4 | 5.7 | 5.2 | 5.8 | 4.3 | 6.3 | 5.9 | 4.4 | 3.9 | 7.3 | 6.4 | 4.8 | 4.4 | 4.9 | 7.3 | 5.3 | 6.4 |
| AMAZE (NAI-14-133) | 5.1 | 5.4 | 4.3 | 5.6 | 4.1 | 5.9 | 5.8 | 4.8 | 2.6 | 6.3 | 6.0 | 3.0 | 4.1 | 5.2 | 7.0 | 5.2 | 6.2 |
| AVIATOR II (NAI-15-84) | 5.8 | 5.1 | 4.2 | 4.6 | 4.4 | 6.3 | 5.9 | 4.9 | 3.2 | 6.5 | 5.9 | 3.2 | 2.8 | 4.8 | 6.0 | 5.6 | 5.6 |
| BABE | 6.0 | 5.0 | 4.5 | 5.4 | 5.0 | 6.4 | 6.2 | 4.8 | 3.6 | 7.0 | 6.3 | 5.5 | 4.9 | 5.3 | 6.9 | 5.0 | 6.8 |
| BAR PP 71213 | 5.4 | 4.9 | 4.4 | 5.3 | 5.2 | 5.5 | 6.4 | 4.0 | 3.4 | 7.0 | 6.1 | 3.2 | 4.4 | 4.9 | 6.7 | 4.4 | 5.6 |
| BAR PP 7236V | 5.6 | 5.2 | 5.1 | 5.6 | 5.8 | 6.3 | 7.0 | 4.8 | 4.8 | 7.5 | 6.0 | 5.6 | 6.0 | 5.2 | 7.4 | 5.3 | 7.2 |
| BAR PP 7309V | 5.6 | 4.5 | 6.5 | 5.2 | 6.1 | 6.4 | 5.8 | 4.7 | 4.7 | 7.2 | 6.0 | 4.5 | 4.4 | 4.2 | 6.7 | 5.3 | 5.9 |
| BAR PP 79366 | 6.4 | 4.4 | 4.8 | 5.7 | 5.6 | 7.0 | 6.4 | 4.9 | 5.1 | 6.2 | 5.7 | 4.1 | 7.1 | 4.8 | 7.4 | 5.1 | 5.5 |
| BAR PP 79494 | 6.2 | 5.4 | 5.3 | 5.2 | 5.7 | 7.6 | 5.7 | 3.8 | 5.0 | 7.2 | 6.3 | 5.9 | 5.6 | 5.3 | 7.6 | 4.9 | 6.6 |
| BAR PP 7K426 | 5.1 | 4.4 | 5.5 | 5.6 | 5.7 | 6.2 | 6.8 | 4.0 | 4.6 | 7.2 | 6.0 | 5.8 | 5.1 | 5.3 | 7.3 | 5.3 | 6.3 |
| BARSERATI (BAR PP 110358) | 6.1 | 4.0 | 4.7 | 6.5 | 4.3 | 6.8 | 7.1 | 4.7 | 5.3 | 7.0 | 7.0 | 6.9 | 6.7 | 5.6 | 7.2 | 4.2 | 7.7 |
| BARVETTE HGT® | 5.3 | 5.7 | 5.3 | 5.9 | 5.6 | 6.4 | 6.9 | 4.4 | 5.7 | 7.3 | 6.2 | 5.2 | 5.8 | 4.7 | 7.1 | 4.8 | 7.5 |
| BLUE DEVIL | 6.3 | 5.0 | 4.4 | 5.5 | 5.5 | 6.5 | 6.9 | 4.1 | 4.0 | 5.8 | 6.4 | 7.4 | 5.4 | 5.3 | 7.1 | 4.7 | 6.8 |
| BLUE GEM (NAI-13-9) | 6.4 | 5.4 | 5.0 | 5.4 | 5.4 | 7.6 | 5.9 | 4.2 | 4.2 | 7.2 | 6.4 | 7.0 | 6.1 | 5.5 | 7.5 | 6.0 | 7.5 |
| BLUE KNIGHT | 5.6 | 4.7 | 4.3 | 4.8 | 5.3 | 5.8 | 5.4 | 3.8 | 3.2 | 6.0 | 6.0 | 3.0 | 3.5 | 4.8 | 6.6 | 4.9 | 5.3 |
| BOMBAY (GO-22B23) | 5.8 | 5.2 | 5.3 | 6.2 | 5.6 | 6.8 | 7.4 | 5.2 | 4.6 | 6.5 | 6.4 | 7.8 | 6.3 | 5.3 | 7.3 | 6.3 | 7.4 |
| CLOUD (GO-2425) | 5.9 | 5.4 | 4.8 | 6.0 | 5.5 | 7.2 | 6.6 | 5.5 | 4.6 | 6.0 | 6.6 | 7.0 | 5.7 | 5.1 | 7.5 | 5.6 | 8.0 |
| COMANCHE (NAI-14-176) | 5.0 | 5.4 | 4.5 | 5.6 | 4.0 | 6.8 | 5.8 | 4.6 | 2.8 | 7.3 | 6.1 | 3.4 | 3.4 | 4.5 | 6.8 | 4.9 | 5.1 |
| DLFPS-340/3364 | 5.3 | 5.0 | 4.9 | 4.8 | 5.0 | 6.5 | 5.6 | 3.6 | 4.2 | 6.3 | 6.2 | 3.7 | 4.9 | 5.3 | 7.8 | 4.1 | 5.6 |
| DLFPS-340/3438 | 5.3 | 4.5 | 4.5 | 5.8 | 4.8 | 6.3 | 7.0 | 4.9 | 3.7 | 6.4 | 6.2 | 4.1 | 5.2 | 4.7 | 7.0 | 4.9 | 5.6 |
| DLFPS-340/3444 | 5.8 | 4.8 | 4.7 | 5.4 | 5.5 | 6.4 | 5.6 | 4.6 | 3.9 | 6.4 | 6.2 | 3.8 | 3.7 | 5.0 | 6.9 | 4.7 | 6.5 |
| DLFPS-340/3446 | 5.7 | 4.9 | 5.8 | 5.7 | 4.2 | 5.8 | 6.4 | 4.7 | 3.8 | 6.0 | 6.4 | 3.4 | 4.4 | 4.3 | 6.8 | 5.6 | 5.8 |
| DLFPS-340/3455 | 5.3 | 5.1 | 6.2 | 5.6 | 5.4 | 5.5 | 5.8 | 4.8 | 3.4 | 7.2 | 5.9 | 4.4 | 4.1 | 5.0 | 6.9 | 4.5 | 7.0 |
| DLFPS-340/3494 | 5.3 | 3.6 | 6.3 | 4.3 | 5.9 | 6.4 | 5.3 | 4.7 | 3.8 | 7.0 | 5.9 | 6.0 | 2.7 | 4.7 | 7.4 | 6.2 | 4.0 |
| DLFPS-340/3500 | 6.3 | 4.4 | 4.9 | 6.1 | 5.9 | 6.5 | 6.7 | 5.2 | 4.2 | 6.2 | 5.4 | 5.0 | 5.9 | 4.4 | 7.2 | 6.2 | 6.0 |
| DLFPS-340/3548 | 5.0 | 5.4 | 4.3 | 5.1 | 4.3 | 6.3 | 5.5 | 4.8 | 2.7 | 6.5 | 6.2 | 5.0 | 4.3 | 4.8 | 6.0 | 5.0 | 6.5 |
| DLFPS-340/3549 | 5.5 | 5.1 | 5.2 | 5.5 | 5.6 | 6.0 | 6.0 | 4.9 | 3.5 | 6.4 | 6.0 | 4.0 | 4.3 | 4.8 | 6.2 | 4.7 | 6.6 |
| DLFPS-340/3550 | 6.0 | 4.6 | 4.9 | 6.3 | 5.1 | 6.4 | 6.2 | 4.2 | 5.1 | 6.1 | 6.1 | 6.4 | 6.1 | 5.0 | 7.1 | 5.8 | 6.5 |
| DLFPS-340/3551 | 5.5 | 4.4 | 5.0 | 6.0 | 5.3 | 6.2 | 6.9 | 4.9 | 4.4 | 6.2 | 6.5 | 4.8 | 5.5 | 4.4 | 6.6 | 6.0 | 5.7 |
| DLFPS-340/3552 | 5.8 | 5.1 | 4.7 | 5.7 | 5.2 | 7.1 | 6.6 | 4.6 | 4.6 | 6.0 | 6.1 | 5.4 | 6.4 | 5.0 | 7.5 | 6.1 | 6.5 |
| DLFPS-340/3553 | 6.1 | 5.5 | 4.2 | 6.0 | 4.3 | 6.3 | 6.7 | 4.7 | 4.4 | 6.3 | 6.2 | 5.0 | 6.3 | 5.4 | 6.9 | 4.9 | 6.5 |
| DLFPS-340/3556 | 6.2 | 5.1 | 5.1 | 5.8 | 6.2 | 6.3 | 6.4 | 4.6 | 4.1 | 6.2 | 6.1 | 3.6 | 6.2 | 5.0 | 6.6 | 4.9 | 4.6 |
| DUBLIN (PST-K15-157) | 5.4 | 5.7 | 4.0 | 4.5 | 4.5 | 6.6 | 5.4 | 4.5 | 3.6 | 7.2 | 6.1 | 3.7 | 3.9 | 5.1 | 7.6 | 4.6 | 4.5 |

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 9. (CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT SEVENTEEN LOCATIONS IN THE U.S.
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | | | | | | | | |
|--------------------------|---|------|------|-----|-----|------|------|------|------|-----|-----|------|------|------|------|------|------|
| | CT1 | IA1 | IA2 | IN1 | MA1 | MD1 | MI1 | MN1 | NC1 | ND1 | NE1 | NJ1 | NJ2 | OK1 | TN1 | UT1 | VA1 |
| ELECTRIC (PST-K11-118) | 6.0 | 4.9 | 4.4 | 5.9 | 5.0 | 7.0 | 7.3 | 5.6 | 4.9 | 6.3 | 6.2 | 5.6 | 5.1 | 5.0 | 7.2 | 5.3 | 7.5 |
| FINISH LINE (NAI-14-178) | 5.9 | 5.5 | 4.8 | 5.4 | 6.1 | 6.8 | 5.6 | 4.8 | 2.9 | 7.3 | 6.7 | 5.4 | 5.5 | 5.0 | 6.7 | 5.2 | 5.8 |
| HEARTLAND (NAI-14-187) | 4.7 | 5.0 | 4.7 | 3.8 | 4.1 | 6.6 | 5.7 | 4.6 | 2.9 | 6.5 | 6.0 | 3.5 | 4.0 | 5.2 | 6.2 | 5.7 | 5.0 |
| J-1138 | 6.3 | 5.3 | 5.3 | 5.5 | 6.0 | 7.6 | 6.2 | 5.2 | 5.1 | 6.8 | 6.6 | 6.5 | 6.6 | 5.0 | 6.0 | 4.5 | 6.7 |
| J-1319 | 6.8 | 4.9 | 5.0 | 3.1 | 5.0 | 5.9 | 6.3 | 4.3 | 3.1 | 5.7 | 6.0 | 5.5 | 3.7 | 3.7 | 6.3 | 3.9 | 5.1 |
| J-2726 | 6.0 | 4.3 | 5.9 | 4.4 | 6.0 | 7.0 | 5.3 | 4.9 | 3.8 | 6.0 | 6.0 | 4.5 | 3.8 | 4.5 | 6.5 | 5.0 | 5.1 |
| JERSEY (NAI-A16-3) | 6.0 | 4.6 | 6.0 | 6.1 | 5.5 | 6.6 | 6.3 | 4.7 | 3.6 | 6.7 | 6.3 | 6.0 | 4.9 | 5.4 | 5.9 | 5.3 | 6.3 |
| KENBLUE | 3.9 | 6.1 | 4.4 | 4.9 | 5.6 | 5.6 | 5.5 | 3.9 | 3.8 | 6.0 | 5.7 | 3.8 | 4.4 | 4.4 | 7.3 | 3.2 | 5.8 |
| KH3492 | 6.3 | 5.2 | 5.0 | 5.8 | 5.6 | 6.8 | 6.5 | 5.3 | 3.9 | 7.2 | 6.0 | 5.4 | 5.0 | 5.4 | 7.3 | 4.5 | 6.0 |
| MIDNIGHT | 6.7 | 5.7 | 4.0 | 5.5 | 5.0 | 7.3 | 6.6 | 4.6 | 4.7 | 6.8 | 6.4 | 7.3 | 6.1 | 4.8 | 7.1 | 5.4 | 6.7 |
| MVS-130 | 4.9 | 5.1 | 4.7 | 5.7 | 4.0 | 6.8 | 5.9 | 4.6 | 3.7 | 6.3 | 6.0 | 3.2 | 3.7 | 4.8 | 7.6 | 5.5 | 5.3 |
| NAI-14-122 | 4.9 | 4.9 | 4.8 | 5.5 | 4.0 | 6.7 | 6.8 | 5.0 | 3.6 | 6.5 | 6.1 | 3.4 | 3.8 | 4.8 | 7.1 | 5.4 | 5.8 |
| NAI-14-128 | 5.3 | 5.5 | 5.2 | 5.7 | 4.2 | 6.8 | 5.7 | 4.3 | 3.0 | 6.3 | 6.0 | 4.1 | 4.0 | 5.0 | 6.8 | 5.3 | 5.6 |
| NAI-14-132 | 5.7 | 5.0 | 5.0 | 5.0 | 4.0 | 6.1 | 7.1 | 4.8 | 2.5 | 6.3 | 6.3 | 3.3 | 3.7 | 5.0 | 7.5 | 5.6 | 4.5 |
| NAI-15-80 | 6.0 | 5.4 | 4.2 | 4.5 | 4.3 | 6.8 | 6.0 | 4.1 | 2.8 | 7.5 | 6.0 | 2.7 | 4.1 | 5.4 | 7.0 | 4.8 | 5.8 |
| NEW MOON (PST-K15-177) | 6.7 | 3.8 | 4.5 | 4.4 | 5.0 | 7.2 | 5.5 | 3.9 | 3.2 | 6.3 | 6.8 | 7.4 | 2.5 | 4.6 | 6.6 | 5.4 | 4.4 |
| NK-1 | 5.2 | 4.8 | 5.1 | 5.4 | 4.0 | 6.3 | 6.5 | 4.3 | 3.7 | 6.1 | 6.0 | 2.6 | 4.8 | 5.1 | 7.1 | 5.2 | 5.6 |
| NURUSH (J-3510) | 6.1 | 5.0 | 4.9 | 5.7 | 5.5 | 7.2 | 6.3 | 4.4 | 4.2 | 6.0 | 6.3 | 6.6 | 6.2 | 4.9 | 7.0 | 5.9 | 5.9 |
| ORION (PST-K13-143) | 5.6 | 4.4 | 4.5 | 5.5 | 5.0 | 6.3 | 6.2 | 5.1 | 3.4 | 6.5 | 6.5 | 5.6 | 4.6 | 5.0 | 5.9 | 5.4 | 6.6 |
| PALOMA (PST-K13-139) | 5.5 | 4.6 | 5.0 | 5.3 | 4.6 | 6.0 | 5.5 | 4.4 | 2.3 | 6.3 | 6.1 | 4.9 | 3.2 | 4.6 | 7.1 | 4.9 | 6.1 |
| PIVOT | 5.5 | 5.0 | 5.2 | 4.7 | 5.4 | 6.3 | 5.8 | 4.7 | 2.8 | 6.9 | 6.3 | 6.1 | 4.7 | 3.8 | 6.9 | 5.9 | 5.8 |
| PPG-KB 1131 | 6.3 | 4.5 | 4.7 | 5.7 | 5.4 | 7.7 | 6.6 | 4.0 | 4.5 | 6.4 | 6.3 | 7.9 | 5.7 | 5.4 | 7.3 | 5.3 | 6.7 |
| PPG-KB 1304 | 5.9 | 5.3 | 4.9 | 6.0 | 4.9 | 7.1 | 7.3 | 4.7 | 4.8 | 6.2 | 6.5 | 5.1 | 6.6 | 5.1 | 6.3 | 5.3 | 8.0 |
| PPG-KB 1320 | 5.5 | 4.8 | 5.2 | 4.3 | 5.3 | 7.0 | 5.6 | 5.5 | 2.6 | 6.3 | 6.4 | 5.4 | 2.7 | 2.9 | 5.9 | 4.8 | 4.4 |
| PROSPERITY | 6.3 | 4.2 | 4.7 | 5.1 | 5.3 | 7.2 | 5.8 | 4.9 | 3.0 | 6.2 | 6.7 | 6.0 | 3.4 | 3.7 | 6.8 | 5.4 | 5.9 |
| PST-11-7 | 6.6 | 4.4 | 5.3 | 5.0 | 5.9 | 6.0 | 4.6 | 5.2 | 3.4 | 7.2 | 5.8 | 7.1 | 1.3 | 5.3 | 5.3 | 4.0 | 5.0 |
| PST-K13-141 | 5.2 | 5.2 | 5.3 | 5.7 | 5.6 | 6.6 | 6.4 | 5.2 | 4.0 | 7.0 | 6.0 | 4.7 | 5.5 | 5.2 | 7.8 | 5.4 | 5.9 |
| PST-K15-167 | 5.1 | 4.9 | 4.6 | 4.1 | 4.3 | 6.0 | 5.5 | 4.2 | 3.7 | 7.2 | 6.0 | 5.2 | 4.0 | 3.8 | 6.7 | 3.9 | 5.4 |
| PST-K15-172 | 5.2 | 5.2 | 5.2 | 6.0 | 5.2 | 6.8 | 6.9 | 4.8 | 4.0 | 6.3 | 6.7 | 6.6 | 6.1 | 5.0 | 6.8 | 4.4 | 6.0 |
| PST-T14-39 | 5.4 | 5.1 | 4.5 | 5.0 | 4.6 | 5.9 | 5.0 | 5.1 | 4.1 | 7.0 | 6.5 | 5.0 | 4.6 | 4.8 | 6.7 | 4.3 | 5.5 |
| RAD 553 | 5.5 | 5.3 | 5.0 | 5.4 | 5.3 | 6.0 | 5.8 | 4.4 | 3.6 | 6.9 | 6.0 | 3.6 | 4.0 | 5.0 | 6.4 | 5.2 | 5.4 |
| RAD-1776 | 5.0 | 4.7 | 5.4 | 6.0 | 5.0 | 6.7 | 6.7 | 4.6 | 3.5 | 7.0 | 6.0 | 4.2 | 4.0 | 5.0 | 7.2 | 4.9 | 7.6 |
| SELWAY | 4.6 | 5.2 | 5.3 | 5.5 | 4.9 | 5.8 | 6.0 | 4.7 | 3.7 | 6.2 | 6.4 | 6.3 | 5.2 | 5.3 | 6.9 | 4.4 | 6.1 |
| SHAMROCK | 6.0 | 5.0 | 4.4 | 4.8 | 5.6 | 6.3 | 5.8 | 4.9 | 3.8 | 6.9 | 6.0 | 5.0 | 3.1 | 4.9 | 7.0 | 4.9 | 6.0 |
| SKYE | 5.9 | 5.1 | 4.3 | 5.9 | 5.1 | 7.1 | 7.0 | 5.8 | 4.2 | 6.2 | 6.1 | 6.1 | 6.1 | 5.4 | 7.1 | 6.2 | 7.9 |
| STARR (GO-2628) | 6.0 | 5.0 | 6.2 | 6.2 | 5.5 | 7.2 | 6.7 | 5.2 | 4.4 | 6.5 | 6.2 | 7.0 | 6.6 | 5.1 | 6.8 | 5.8 | 8.1 |
| SYRAH (LTP-11-41) | 6.1 | 5.5 | 4.6 | 5.9 | 5.5 | 6.7 | 6.7 | 4.8 | 3.7 | 6.2 | 6.5 | 5.6 | 6.6 | 4.8 | 7.0 | 5.4 | 7.0 |
| TWILIGHT (NAI-13-132) | 6.3 | 5.6 | 5.1 | 4.7 | 5.2 | 6.4 | 6.2 | 4.4 | 3.9 | 7.0 | 6.1 | 7.0 | 5.1 | 5.0 | 7.2 | 5.4 | 7.0 |
| UNITED (NAI-13-14) | 6.1 | 4.9 | 5.5 | 5.7 | 5.6 | 6.7 | 6.2 | 4.3 | 4.9 | 6.5 | 6.3 | 6.3 | 5.5 | 4.7 | 7.1 | 6.1 | 6.4 |
| YELLOWSTONE (A12-7) | 6.0 | 4.5 | 6.0 | 5.3 | 5.8 | 6.8 | 6.1 | 5.7 | 3.8 | 7.1 | 6.0 | 3.2 | 3.0 | 4.9 | 7.2 | 5.0 | 5.6 |
| LSD VALUE | 0.7 | 1.6 | 1.9 | 0.8 | 0.5 | 1.2 | 1.0 | 1.0 | 1.0 | 0.1 | 0.5 | 1.6 | 0.9 | 0.9 | 1.1 | 1.7 | 1.6 |
| C.V. (%) | 7.5 | 20.2 | 23.5 | 9.6 | 6.1 | 11.8 | 10.5 | 13.7 | 15.8 | 0.8 | 5.5 | 19.4 | 12.0 | 11.7 | 10.3 | 20.8 | 16.2 |

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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 10.

TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT FIFTEEN LOCATIONS IN THE U.S.
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | | | | | | |
|-------------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | CT1 | IA1 | KS1 | MA1 | MD1 | MN1 | MO1 | NE1 | NJ2 | OR1 | OR2 | UT1 | UT2 | VA1 | WI1 |
| 021 | 5.4 | 5.0 | 6.2 | 5.5 | 6.1 | 5.0 | 4.6 | 6.3 | 6.4 | 6.7 | 6.7 | 6.1 | 5.9 | 6.7 | 5.5 |
| 023 | 5.7 | 5.3 | 6.7 | 5.9 | 5.8 | 5.1 | 4.5 | 6.4 | 6.3 | 6.8 | 6.7 | 6.3 | 5.9 | 6.0 | 5.4 |
| 02BS1 | 6.0 | 5.5 | 6.6 | 5.6 | 6.0 | 4.8 | 4.3 | 6.8 | 5.1 | 6.9 | 6.9 | 6.2 | 5.8 | 5.9 | 5.3 |
| 02BS2 | 6.3 | 4.8 | 6.7 | 6.3 | 6.4 | 4.9 | 4.9 | 6.4 | 6.3 | 6.9 | 6.8 | 6.0 | 6.1 | 5.9 | 6.0 |
| ALLOY (RRT) | 6.1 | 4.5 | 6.7 | 5.9 | 5.8 | 4.2 | 4.8 | 6.7 | 6.1 | 7.1 | 7.1 | 6.4 | 5.9 | 7.0 | 5.1 |
| ALLSTAR FORE (DLFPS-236/3541) | 5.1 | 4.8 | 6.5 | 6.0 | 6.3 | 4.5 | 3.9 | 6.6 | 5.8 | 7.0 | 6.9 | 5.8 | 6.3 | 6.1 | 4.7 |
| ALLSTAR III | 5.4 | 4.3 | 6.6 | 5.3 | 4.9 | 3.6 | 3.7 | 6.2 | 4.2 | 6.2 | 6.1 | 5.4 | 5.6 | 5.0 | 4.7 |
| APPLE 3GL (PPG-PR 339) | 5.4 | 5.7 | 6.4 | 6.2 | 6.4 | 5.1 | 5.3 | 6.9 | 5.8 | 7.2 | 6.9 | 6.2 | 6.0 | 6.4 | 4.8 |
| APR2612 | 5.1 | 5.0 | 6.6 | 5.3 | 5.8 | 3.8 | 4.3 | 6.4 | 5.2 | 6.5 | 6.5 | 5.3 | 6.0 | 6.2 | 5.0 |
| APR2616 | 5.3 | 4.4 | 6.1 | 5.3 | 5.8 | 4.3 | 4.5 | 6.7 | 5.5 | 6.4 | 6.3 | 5.4 | 6.3 | 7.0 | 4.7 |
| APR3060 | 5.1 | 5.9 | 6.6 | 5.3 | 5.8 | 4.4 | 4.9 | 6.7 | 4.9 | 6.2 | 6.2 | 5.6 | 6.2 | 6.9 | 5.1 |
| ASPO116EXT | 5.0 | 5.4 | 6.4 | 4.6 | 4.9 | 4.1 | 3.9 | 6.4 | 3.6 | 6.5 | 6.6 | 6.3 | 6.3 | 6.0 | 4.2 |
| ASPO117 (A-PR15) | 5.3 | 4.9 | 6.6 | 5.4 | 5.6 | 4.6 | 4.1 | 6.7 | 4.5 | 6.6 | 6.8 | 5.9 | 6.4 | 6.0 | 5.5 |
| ASPO118GL (A-4G) | 5.2 | 5.5 | 6.4 | 5.3 | 5.9 | 4.6 | 4.8 | 6.5 | 4.7 | 6.8 | 6.7 | 6.0 | 5.6 | 5.9 | 4.5 |
| ASPO218 (A-6D) | 5.1 | 4.5 | 6.4 | 5.3 | 5.2 | 3.8 | 4.9 | 6.1 | 3.2 | 6.7 | 6.8 | 6.1 | 5.8 | 6.2 | 5.0 |
| BAR LP 6117 | 5.6 | 5.6 | 6.4 | 5.5 | 5.9 | 4.2 | 4.9 | 7.0 | 4.6 | 6.3 | 6.4 | 5.6 | 5.5 | 6.1 | 4.3 |
| BAR LP 6131 | 5.1 | 5.1 | 6.6 | 5.5 | 5.8 | 4.2 | 4.4 | 6.2 | 4.7 | 6.2 | 6.3 | 5.1 | 5.8 | 6.1 | 4.9 |
| BAR LP 6158 | 5.1 | 5.8 | 6.7 | 5.4 | 5.1 | 4.2 | 4.6 | 6.0 | 4.7 | 6.2 | 6.4 | 5.6 | 5.3 | 6.4 | 4.8 |
| BAR LP 6159 | 5.1 | 5.6 | 6.6 | 5.5 | 5.8 | 4.1 | 4.3 | 6.7 | 4.4 | 6.4 | 6.4 | 5.7 | 5.1 | 6.2 | 4.3 |
| BAR LP 6162 | 4.3 | 5.1 | 6.6 | 5.3 | 5.0 | 2.2 | 4.2 | 6.1 | 3.1 | 6.3 | 6.3 | 4.7 | 5.0 | 5.9 | 4.0 |
| BAR LP 6164 | 5.2 | 5.5 | 6.4 | 5.4 | 6.0 | 4.7 | 4.6 | 6.3 | 4.1 | 6.3 | 6.4 | 5.7 | 6.2 | 6.6 | 4.8 |
| BAR LP 6165 | 5.3 | 6.7 | 5.9 | 5.8 | 5.3 | 3.2 | 4.0 | 5.2 | 5.7 | 6.1 | 6.4 | 5.1 | 4.4 | 6.6 | 5.1 |
| BAR LP 6233 | 5.5 | 6.4 | 6.1 | 5.5 | 5.9 | 3.9 | 4.9 | 6.2 | 5.4 | 6.1 | 6.2 | 5.5 | 5.4 | 7.3 | 5.6 |
| BELIZE 2 (GO-142) | 5.1 | 4.7 | 6.7 | 5.4 | 5.5 | 3.3 | 3.8 | 6.4 | 3.5 | 6.4 | 6.4 | 5.4 | 5.6 | 5.4 | 4.9 |
| BRIGHTSTAR SLT | 5.2 | 5.1 | 6.4 | 5.5 | 4.2 | 3.8 | 3.8 | 6.3 | 3.0 | 6.1 | 6.4 | 5.5 | 6.1 | 5.0 | 4.6 |
| CAYMAN (GO-143) | 4.7 | 4.8 | 6.4 | 5.1 | 5.4 | 3.4 | 4.6 | 7.0 | 3.2 | 6.4 | 6.5 | 5.6 | 3.8 | 5.4 | 4.0 |
| CPN | 6.0 | 5.2 | 6.6 | 5.8 | 5.8 | 4.7 | 4.4 | 6.8 | 5.5 | 6.7 | 6.6 | 5.8 | 6.1 | 6.1 | 5.2 |
| CS-6 | 5.0 | 5.3 | 6.4 | 4.9 | 5.6 | 4.5 | 4.1 | 6.3 | 3.9 | 6.7 | 6.6 | 5.5 | 6.3 | 6.4 | 4.8 |
| DERBY XTREME | 5.5 | 4.8 | 6.5 | 5.5 | 5.3 | 4.1 | 4.1 | 6.7 | 4.0 | 7.1 | 6.8 | 5.8 | 5.9 | 4.9 | 4.8 |
| DLFPS-236/3540 | 5.9 | 5.0 | 6.2 | 5.3 | 5.4 | 4.6 | 4.1 | 6.8 | 4.8 | 6.5 | 6.4 | 6.1 | 6.3 | 5.9 | 4.9 |
| DLFPS-236/3546 | 5.8 | 5.4 | 6.6 | 5.7 | 6.2 | 5.2 | 5.3 | 6.6 | 6.9 | 7.1 | 6.9 | 6.4 | 5.9 | 6.1 | 5.2 |
| DLFPS-236/3548 | 5.6 | 5.2 | 6.6 | 5.8 | 5.8 | 4.7 | 4.8 | 6.5 | 6.1 | 6.9 | 6.7 | 6.2 | 6.2 | 5.6 | 5.4 |
| DLFPS-236/3550 | 5.4 | 4.3 | 6.7 | 5.9 | 6.1 | 4.7 | 4.6 | 6.5 | 5.4 | 6.7 | 6.6 | 5.8 | 6.3 | 6.4 | 4.4 |
| DLFPS-236/3552 | 6.0 | 4.9 | 6.5 | 5.9 | 6.2 | 4.5 | 4.9 | 7.0 | 5.8 | 7.0 | 6.8 | 6.6 | 6.3 | 6.0 | 4.9 |
| DLFPS-236/3553 | 5.4 | 5.1 | 6.6 | 5.7 | 5.9 | 4.7 | 5.3 | 6.7 | 5.2 | 6.8 | 6.6 | 6.2 | 6.4 | 6.0 | 5.6 |
| DLFPS-236/3556 | 5.4 | 4.6 | 6.6 | 5.0 | 6.1 | 5.3 | 4.4 | 6.3 | 6.5 | 7.1 | 6.8 | 5.9 | 5.7 | 6.9 | 6.0 |
| DLFPS-238/3014 | 5.1 | 6.6 | 6.5 | 5.0 | 5.5 | 3.9 | 4.8 | 6.1 | 3.3 | 6.0 | 6.4 | 4.8 | 5.6 | 6.0 | 5.5 |
| EVOLVE | 5.3 | 5.5 | 6.7 | 5.4 | 5.3 | 4.5 | 4.2 | 6.3 | 4.0 | 6.1 | 6.1 | 5.0 | 5.1 | 6.4 | 4.9 |
| FASTBALL 3GL (PPG-PR 329) | 5.3 | 4.9 | 6.6 | 6.3 | 6.4 | 5.3 | 4.7 | 6.8 | 5.6 | 6.7 | 6.9 | 6.2 | 6.2 | 6.2 | 5.0 |
| FIESTA CINCO (DLFPS-236/3554) | 5.5 | 5.2 | 6.4 | 5.8 | 6.4 | 4.6 | 5.5 | 6.3 | 6.1 | 6.4 | 6.7 | 6.1 | 6.5 | 6.3 | 5.4 |
| FIREBALL (BWH) | 4.8 | 5.0 | 6.8 | 5.0 | 4.6 | 3.5 | 4.3 | 6.3 | 3.0 | 6.6 | 6.3 | 4.9 | 6.6 | 5.3 | 4.5 |
| FURLONG (LTP-FCB) | 5.6 | 4.7 | 6.7 | 6.6 | 6.4 | 5.1 | 5.4 | 6.8 | 6.8 | 7.2 | 6.9 | 6.1 | 6.5 | 6.7 | 5.1 |
| GATOR FORE (DLFPS-236/3544) | 6.0 | 4.9 | 6.6 | 5.9 | 6.4 | 5.6 | 4.8 | 6.6 | 5.2 | 6.9 | 6.7 | 6.2 | 6.6 | 6.8 | 5.2 |
| GO-141 | 5.2 | 4.4 | 6.6 | 5.1 | 4.5 | 3.9 | 3.6 | 6.2 | 3.8 | 6.4 | 6.3 | 5.8 | 5.9 | 6.0 | 4.9 |
| GRAND SLAM GLD | 5.0 | 5.3 | 6.6 | 5.3 | 6.3 | 4.3 | 4.3 | 6.1 | 5.4 | 6.7 | 6.7 | 5.7 | 6.2 | 6.8 | 4.3 |

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 10. (CONT'D)

TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT FIFTEEN LOCATIONS IN THE U.S.
2021 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CT1 | IA1 | KS1 | MA1 | MD1 | MN1 | MO1 | NE1 | NJ2 | OR1 | OR2 | UT1 | UT2 | VA1 | WI1 |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| GRAY HAWK (PST-2FIND) | 4.9 | 5.8 | 6.3 | 5.0 | 6.1 | 4.6 | 4.3 | 6.5 | 4.6 | 6.5 | 6.5 | 5.3 | 6.2 | 5.7 | 4.7 |
| GRAY WOLF (PST-2GAL) | 5.6 | 6.0 | 6.3 | 5.3 | 5.6 | 3.9 | 4.5 | 6.5 | 5.5 | 6.5 | 6.7 | 6.1 | 6.1 | 6.4 | 4.7 |
| GREEN SUPREME+ (AMP-R1) | 4.9 | 4.9 | 6.7 | 5.1 | 5.7 | 4.1 | 4.0 | 6.2 | 3.8 | 6.4 | 6.4 | 5.7 | 6.4 | 5.9 | 4.6 |
| HATRICK (BSP-17) | 4.6 | 5.4 | 6.4 | 5.0 | 5.6 | 3.6 | 4.8 | 6.3 | 4.1 | 6.5 | 6.5 | 5.9 | 6.6 | 5.8 | 4.4 |
| HELIOS (DLFPS-236/3538) | 5.9 | 5.6 | 6.2 | 5.6 | 6.0 | 4.3 | 5.4 | 6.4 | 6.0 | 6.4 | 6.4 | 5.4 | 6.2 | 6.7 | 5.2 |
| HOMERUN LS (PPG-PR 419) | 6.2 | 5.6 | 6.7 | 5.3 | 6.1 | 5.1 | 4.7 | 6.7 | 5.7 | 6.9 | 6.6 | 6.5 | 6.2 | 6.4 | 5.3 |
| INTENSE | 5.4 | 4.9 | 6.7 | 5.4 | 5.8 | 4.1 | 3.1 | 6.0 | 5.5 | 6.8 | 6.9 | 5.8 | 6.3 | 5.7 | 5.5 |
| IVY (PST-2GTD) | 5.8 | 5.8 | 6.6 | 6.2 | 6.0 | 4.6 | 4.5 | 6.3 | 5.2 | 6.5 | 6.6 | 5.6 | 5.9 | 6.1 | 5.2 |
| JR-123 | 5.7 | 4.8 | 6.7 | 6.0 | 5.7 | 4.5 | 4.9 | 6.3 | 4.5 | 6.8 | 6.7 | 5.6 | 5.8 | 5.5 | 4.5 |
| JR-197 | 5.9 | 5.1 | 6.7 | 6.0 | 6.0 | 5.0 | 4.5 | 6.8 | 6.4 | 7.1 | 7.0 | 5.9 | 5.8 | 6.3 | 5.7 |
| JR-747 | 5.1 | 3.7 | 6.5 | 5.0 | 3.1 | 3.3 | 3.4 | 6.4 | 4.0 | 6.3 | 6.5 | 6.1 | 5.6 | 6.0 | 3.9 |
| JR-888 | 5.2 | 4.6 | 6.4 | 4.6 | 4.1 | 4.1 | 4.3 | 6.1 | 5.0 | 6.1 | 6.6 | 5.9 | 5.7 | 5.8 | 4.9 |
| KARMA | 5.6 | 4.6 | . | 5.4 | 5.6 | 4.5 | 3.5 | 6.4 | 4.8 | 6.9 | 6.8 | 6.2 | 5.7 | 6.1 | 5.2 |
| LINN | 3.4 | 3.2 | 3.8 | 2.9 | 1.0 | 1.1 | 2.8 | 4.9 | 1.6 | 5.6 | 5.8 | 3.0 | 3.4 | 6.0 | 3.1 |
| LPB-SD-101 | 5.3 | 4.4 | 6.2 | 5.0 | 4.0 | 3.8 | 3.1 | 6.2 | 3.9 | 6.5 | 6.5 | 5.8 | 5.4 | 5.2 | 4.7 |
| LPB-SD-102 | 5.3 | 4.3 | 6.3 | 5.0 | 4.5 | 3.7 | 3.7 | 6.6 | 4.8 | 6.7 | 6.6 | 5.6 | 6.1 | 5.6 | 4.0 |
| LPB-SD-103 | 4.7 | 4.2 | 6.6 | 5.0 | 4.0 | 4.4 | 2.9 | 6.2 | 4.4 | 6.3 | 6.3 | 5.8 | 6.3 | 5.3 | 5.3 |
| LPB-SD-104 | 4.9 | 3.9 | 5.9 | 5.0 | 3.3 | 3.3 | 3.3 | 6.3 | 4.6 | 6.3 | 6.4 | 6.1 | 5.4 | 5.3 | 4.0 |
| LPB-SD-105 | 4.4 | 4.4 | 6.2 | 4.6 | 3.2 | 3.5 | 3.5 | 6.2 | 3.7 | 6.3 | 6.5 | 5.6 | 5.5 | 5.6 | 4.1 |
| MAN O WAR | 5.5 | 5.7 | 6.4 | 5.6 | 6.2 | 4.7 | 3.8 | 6.1 | 6.3 | 6.8 | 6.8 | 5.5 | 5.9 | 5.1 | 5.3 |
| MENSA | 5.2 | 3.9 | 6.4 | 4.9 | 3.9 | 3.6 | 4.0 | 6.3 | 4.9 | 6.2 | 6.3 | 5.8 | 5.9 | 4.9 | 4.7 |
| MIGHTIER (DLFPS-236/3542) | 5.6 | 5.2 | 6.6 | 5.5 | 5.6 | 3.6 | 4.1 | 6.5 | 5.5 | 6.8 | 6.5 | 6.4 | 6.4 | 5.9 | 4.7 |
| MRS-L-PR15 | 4.7 | 4.9 | 6.1 | 5.4 | 5.0 | 3.7 | 3.8 | 6.3 | 4.9 | 6.3 | 6.3 | 5.3 | 5.9 | 5.8 | 4.5 |
| MRS-L-PR16 | 4.7 | 5.6 | 6.8 | 5.1 | 5.6 | 4.0 | 4.4 | 6.2 | 3.9 | 6.2 | 6.5 | 5.6 | 6.3 | 6.2 | 4.6 |
| MYSTIQUE (DLFPS-236/3547) | 5.6 | 5.0 | 6.6 | 5.9 | 5.8 | 4.7 | 5.1 | 6.8 | 6.7 | 7.1 | 7.0 | 6.2 | 6.7 | 6.7 | 5.8 |
| NEXUS GT (SNX) | 4.8 | 5.6 | 6.7 | 5.1 | 5.3 | 3.4 | 4.1 | 6.0 | 3.7 | 6.6 | 6.6 | 5.4 | 6.3 | 6.0 | 4.1 |
| NP-2 | 5.9 | 5.1 | 6.5 | 5.6 | 5.8 | 5.3 | 4.5 | 6.4 | 5.7 | 6.9 | 6.8 | 6.3 | 6.5 | 6.0 | 5.3 |
| NP-3 | 6.1 | 5.4 | 6.6 | 6.0 | 5.9 | 4.9 | 5.0 | 6.5 | 5.8 | 6.9 | 6.5 | 6.8 | 5.7 | 6.2 | 5.6 |
| OVERDRIVE 5G | 5.8 | 5.4 | 6.4 | 5.5 | 5.6 | 5.1 | 4.3 | 6.6 | 5.5 | 6.9 | 6.8 | 5.8 | 6.2 | 5.8 | 5.6 |
| PARADOX GLR (PPG-PR 331) | 5.9 | 4.7 | 6.3 | 5.9 | 6.0 | 5.1 | 4.1 | 6.4 | 5.2 | 6.8 | 6.7 | 6.1 | 6.7 | 5.9 | 5.3 |
| PARAGON 2 GLR (FP2) | 5.4 | 5.1 | 6.7 | 5.6 | 5.6 | 4.8 | 4.9 | 6.7 | 5.1 | 7.0 | 7.0 | 6.0 | 6.6 | 6.0 | 5.3 |
| PEPPER II (RAD-PR 103) | 4.7 | 6.0 | 6.6 | 4.3 | 5.3 | 3.7 | 4.9 | 6.2 | 4.0 | 6.7 | 6.6 | 5.7 | 5.8 | 5.7 | 4.4 |
| PHARAOH | 6.3 | 5.6 | 6.8 | 5.5 | 6.4 | 4.5 | 4.6 | 6.7 | 5.7 | 7.1 | 6.6 | 5.6 | 5.7 | 5.9 | 4.9 |
| PL2 | 6.5 | 5.5 | 6.1 | 5.5 | 6.0 | 5.2 | 4.8 | 6.5 | 6.1 | 6.5 | 6.7 | 6.3 | 6.0 | 7.3 | 5.3 |
| PPG-PR 360 | 6.1 | 5.3 | 6.6 | 6.0 | 5.9 | 4.6 | 4.6 | 6.6 | 5.7 | 6.8 | 6.7 | 6.1 | 6.2 | 6.4 | 5.1 |
| PPG-PR 367 | 6.2 | 5.0 | 6.7 | 6.0 | 6.3 | 5.3 | 4.9 | 6.5 | 4.4 | 7.1 | 6.9 | 5.3 | 6.2 | 6.6 | 5.7 |
| PPG-PR 370 | 5.8 | 4.5 | 6.6 | 6.2 | 6.0 | 4.7 | 5.0 | 7.0 | 5.7 | 6.5 | 6.6 | 6.7 | 6.4 | 6.2 | 5.2 |
| PPG-PR 371 | 5.9 | 4.6 | 6.7 | 6.0 | 6.1 | 5.0 | 5.1 | 6.9 | 5.7 | 6.8 | 6.8 | 5.9 | 6.3 | 6.5 | 4.9 |
| PPG-PR 372 | 6.1 | 5.0 | 6.5 | 6.0 | 6.2 | 4.8 | 5.3 | 7.1 | 5.8 | 7.2 | 7.1 | 6.4 | 6.1 | 6.6 | 4.6 |
| PPG-PR 385 | 5.7 | 5.4 | 6.5 | 5.6 | 5.8 | 4.9 | 4.8 | 6.0 | 5.1 | 6.6 | 6.7 | 6.1 | 6.1 | 6.6 | 4.9 |
| PPG-PR 421 | 6.3 | 5.6 | 6.5 | 6.0 | 6.1 | 4.7 | 4.9 | 7.0 | 6.2 | 6.8 | 6.6 | 6.2 | 5.9 | 6.5 | 5.2 |
| PPG-PR 422 | 6.4 | 4.8 | 6.3 | 5.6 | 5.9 | 4.8 | 4.9 | 6.6 | 5.2 | 7.1 | 6.8 | 6.3 | 6.3 | 6.3 | 5.5 |
| PPG-PR 423 | 6.1 | 5.5 | 6.4 | 5.5 | 6.2 | 5.0 | 5.0 | 6.4 | 5.8 | 6.6 | 6.7 | 5.8 | 6.6 | 6.0 | 5.7 |
| PR-5-16 | 5.5 | 5.0 | 6.5 | 5.8 | 5.9 | 4.9 | 4.9 | 6.4 | 5.4 | 6.5 | 6.6 | 6.3 | 5.9 | 6.9 | 4.9 |
| PR-6-15 | 5.8 | 4.8 | 6.5 | 5.7 | 6.1 | 5.1 | 4.0 | 7.0 | 5.2 | 6.9 | 7.0 | 6.3 | 5.9 | 6.3 | 5.3 |

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 10. (CONT'D)

TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT FIFTEEN LOCATIONS IN THE U.S.
2021 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | | | | | | |
|---------------------------|---|------|-----|-----|------|------|------|-----|------|-----|-----|-----|------|------|------|
| | CT1 | IA1 | KS1 | MA1 | MD1 | MN1 | MO1 | NE1 | NJ2 | OR1 | OR2 | UT1 | UT2 | VA1 | WI1 |
| PST-2A2 | 5.8 | 5.1 | 6.6 | 6.0 | 5.6 | 4.3 | 3.9 | 6.4 | 5.3 | 6.9 | 6.9 | 6.2 | 6.4 | 5.8 | 5.4 |
| PST-2BDT | 6.0 | 5.1 | 6.6 | 5.2 | 5.3 | 4.1 | 4.4 | 6.7 | 4.6 | 6.5 | 6.7 | 5.5 | 5.9 | 5.8 | 5.3 |
| PST-2EGAD | 4.8 | 6.1 | 6.6 | 5.0 | 6.0 | 4.4 | 4.6 | 6.9 | 4.8 | 6.6 | 6.5 | 4.9 | 5.8 | 5.4 | 5.0 |
| PST-2FOXY | 6.1 | 5.4 | 6.4 | 5.8 | 6.2 | 4.1 | 5.1 | 6.4 | 4.6 | 7.2 | 7.1 | 6.0 | 6.3 | 6.5 | 4.3 |
| PST-2MAY | 5.7 | 5.3 | . | 5.5 | 5.7 | 4.5 | 4.9 | 6.5 | 4.9 | 6.9 | 6.8 | 5.9 | 6.6 | 6.0 | 4.6 |
| PST-2PDA | 5.6 | 5.7 | 6.2 | 5.6 | 5.7 | 4.2 | 3.9 | 6.5 | 5.0 | 6.0 | 6.3 | 5.6 | 5.8 | 5.9 | 5.3 |
| RAD-PR 112 | 4.8 | 6.6 | 6.6 | 5.0 | 5.5 | 3.5 | 4.0 | 5.7 | 4.6 | 6.8 | 6.6 | 5.3 | 6.0 | 5.5 | 3.7 |
| SAGUARO | 4.5 | 4.6 | 6.4 | 5.3 | 4.2 | 4.5 | 3.7 | 6.3 | 4.1 | 6.2 | 6.6 | 5.9 | 5.4 | 5.1 | 5.2 |
| SAVANT | 4.9 | 4.0 | 6.5 | 5.1 | 3.9 | 3.5 | 3.9 | 6.1 | 4.9 | 6.3 | 6.3 | 5.7 | 6.0 | 5.3 | 5.1 |
| SEABISCUIT | 5.6 | 6.5 | 6.4 | 5.6 | 6.0 | 4.2 | 4.8 | 6.4 | 5.7 | 6.8 | 6.7 | 5.5 | 5.8 | 5.9 | 4.9 |
| SHIELD (02BS4) | 6.3 | 5.0 | 6.3 | 5.2 | 6.2 | 4.6 | 4.9 | 6.4 | 6.1 | 6.5 | 6.4 | 5.9 | 5.3 | 6.3 | 4.5 |
| SIGNET | 5.8 | 4.6 | 6.4 | 5.6 | 5.4 | 4.6 | 4.0 | 6.8 | 5.1 | 6.3 | 6.4 | 6.3 | 5.8 | 6.4 | 5.0 |
| SILVER SPORT (PST-2CRP) | 4.9 | 5.8 | 6.7 | 5.4 | 6.2 | 4.9 | 4.8 | 6.5 | 5.0 | 6.8 | 6.8 | 6.2 | 6.5 | 7.2 | 5.1 |
| SLIDER LS (PPG-PR 241) | 5.9 | 5.1 | 6.3 | 5.8 | 6.0 | 5.1 | 4.8 | 6.6 | 4.4 | 6.6 | 6.7 | 6.2 | 6.7 | 6.8 | 5.6 |
| SLUGGER 3GL (PPG-PR 343) | 5.6 | 4.8 | 6.5 | 6.2 | 6.1 | 5.0 | 4.8 | 6.4 | 6.3 | 6.9 | 6.8 | 6.3 | 6.8 | 7.0 | 4.1 |
| SPIKE GLS (UF3) | 5.8 | 5.7 | 6.3 | 6.0 | 5.3 | 4.7 | 4.2 | 6.5 | 5.6 | 6.8 | 6.8 | 5.8 | 6.3 | 6.1 | 5.1 |
| SR 4650 | 5.7 | 5.5 | 6.7 | 5.6 | 5.6 | 4.7 | 3.4 | 6.2 | 5.6 | 6.6 | 6.4 | 6.2 | 6.3 | 5.9 | 4.7 |
| SR 4700 (DLFPS-236/3543) | 5.8 | 5.2 | 6.6 | 6.3 | 6.3 | 4.9 | 4.6 | 6.9 | 6.2 | 6.9 | 6.7 | 6.0 | 6.2 | 6.4 | 5.3 |
| STELLAR 4GL (PPG-PR 424) | 6.3 | 5.2 | 6.4 | 6.2 | 6.4 | 5.1 | 4.6 | 7.0 | 6.6 | 7.1 | 6.9 | 6.4 | 6.2 | 6.7 | 5.8 |
| SUPERSTAR GL (PPG-PR 420) | 5.8 | 4.9 | 6.5 | 5.9 | 6.0 | 5.2 | 5.4 | 6.5 | 5.8 | 7.0 | 6.9 | 6.3 | 5.9 | 6.2 | 5.7 |
| TEE-ME-UP (BSP-25) | 4.9 | 5.7 | 6.3 | 4.9 | 4.6 | 2.9 | 4.3 | 6.1 | 4.4 | 6.6 | 6.3 | 5.8 | 6.0 | 6.2 | 4.8 |
| UMPQUA | 5.3 | 6.0 | 6.4 | 5.7 | 6.3 | 4.9 | 3.8 | 6.2 | 6.3 | 6.9 | 6.7 | 5.9 | 6.1 | 6.8 | 5.0 |
| XCELERATOR | 5.6 | 5.7 | 6.6 | 5.8 | 5.8 | 4.9 | 5.1 | 6.2 | 5.9 | 6.7 | 6.7 | 6.1 | 5.8 | 6.5 | 5.2 |
| ZOOM 2 (DLFPS-236/3545) | 6.6 | 5.6 | 6.5 | 5.8 | 6.2 | 4.8 | 4.0 | 6.6 | 6.1 | 6.7 | 6.9 | 6.2 | 5.9 | 7.4 | 5.3 |
| LSD VALUE | 0.9 | 1.0 | 0.5 | 0.6 | 0.9 | 0.9 | 0.9 | 0.5 | 1.0 | 0.5 | 0.4 | 0.7 | 1.0 | 1.1 | 0.9 |
| C.V. (%) | 9.9 | 12.7 | 4.5 | 6.3 | 10.2 | 12.6 | 12.2 | 4.6 | 12.1 | 4.6 | 3.7 | 7.8 | 10.0 | 11.4 | 11.3 |

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

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

2020 NATIONAL BENTGRASS TEST
(Fairway/Tee)

LOCATIONS SUBMITTING DATA FOR 2021

| State | Location | Code |
|------------|------------------------|------|
| Colorado | Ft. Collins (Salinity) | CO1 |
| Illinois | Urbana | IL1 |
| Indiana | West Lafayette | IN1 |
| Iowa | Ames | IA1 |
| Maryland | College Park | MD1 |
| 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 2021

| State | Location | Code |
|----------------|---------------------------------|------|
| Alabama | Auburn | AL1 |
| Illinois | Olympia (Olympia Fields C.C.) | IL5 |
| Indiana | West Lafayette (High Fungicide) | IN1 |
| Indiana | West Lafayette (Low Fungicide) | IN2 |
| Kansas | Manhattan | KS1 |
| Massachusetts | Amherst (Traffic Study) | MA1 |
| Minnesota | St. Paul | MN1 |
| Missouri | Columbia | MO1 |
| New Jersey | North Brunswick | NJ1 |
| North Carolina | Raleigh | NC1 |
| Oklahoma | Stillwater | OK1 |
| Oregon | Corvallis (Shade) | OR1 |
| Utah | Logan | UT1 |
| Virginia | Blacksburg | VA1 |
| Wisconsin | Madison | WI1 |

2020 NATIONAL FINELEAF FESCUE TEST
 LOCATIONS SUBMITTING DATA FOR 2021

| State | Location | Code |
|----------------|------------------------------------|------|
| Colorado | Ft. Collins (Salinity) | CO1 |
| Connecticut | Storrs | CT1 |
| Delaware | Newark | DE1 |
| Iowa | Ames | IA1 |
| Iowa | Ames (Shade) | IA2 |
| Indiana | West Lafayette | IN1 |
| Kansas | Manhattan | KS1 |
| Massachusetts | Amherst (Traffic Study) | MA1 |
| Maryland | College Park | MD1 |
| Michigan | East Lansing | MI1 |
| Michigan | East Lansing (Traffic but not yet) | MI2 |
| Minnesota | St. Paul (Lawn) | MN1 |
| Minnesota | St. Paul (Fairway) | MN2 |
| New Jersey | North Brunswick | NJ1 |
| New Jersey | Adelphia | NJ2 |
| North Carolina | Raleigh | NC1 |
| Oregon | Corvallis | OR1 |
| Pennsylvania | Kennett Square | PA2 |
| Quebec | Quebec City | QE1 |
| Utah | Logan | UT1 |
| Virginia | Blacksburg | VA1 |
| Washington | Pullman | WA1 |
| Wisconsin | Madison | WI1 |

2019 NATIONAL BERMUDAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2021

| State | Location | Code |
|----------------|-------------------------------|------|
| Alabama | Auburn | AL1 |
| Arkansas | Fayetteville | AR1 |
| California | Riverside (Drought) | CA3 |
| Florida | Jay | FL3 |
| Florida | Fort Lauderdale | FL5 |
| Indiana | West Lafayette | IN1 |
| Kansas | Wichita | KS2 |
| Maryland | College Park | MD1 |
| Missouri | Columbia (Spring Dead Spot) | MO1 |
| Mississippi | Mississippi State | MS1 |
| North Carolina | Raleigh (Traffic) | NC1 |
| Oklahoma | Stillwater (0.5" Mowing High) | OK1 |
| Oklahoma | Stillwater (1.5" Mowing High) | OK3 |
| Tennessee | Knoxville | TN1 |
| Texas | College Station (Drought) | TX2 |
| Texas | College Station (Shade) | TX3 |
| Virginia | Blacksburg | VA1 |

2019 NATIONAL ZOYSIAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2021

| <u>State</u> | <u>Location</u> | <u>Code</u> |
|----------------|-------------------------------|-------------|
| Alabama | Auburn | AL1 |
| Arkansas | Fayetteville (Divot) | AR1 |
| California | Riverside | CA3 |
| Florida | Jay | FL3 |
| Florida | Fort Lauderdale (Large Patch) | FL5 |
| Georgia | Griffin | GA1 |
| Indiana | West Lafayette (Billbug) | IN1 |
| Kansas | Manhattan | KS1 |
| Maryland | College Park | MD1 |
| Missouri | Columbia (Large Patch) | MO1 |
| North Carolina | Raleigh (Traffic) | NC1 |
| Oklahoma | Stillwater | OK1 |
| Tennessee | Knoxville (Traffic) | TN1 |
| Texas | Dallas (Drought) | TX1 |
| Texas | College Station (Shade) | TX2 |

2019 NATIONAL WARM-SEASON GRASS TEST
(Greens)

LOCATIONS SUBMITTING DATA FOR 2021

| State | Location | Code |
|-------------|-------------------|------|
| California | Riverside | CA3 |
| Florida | Jay | FL3 |
| Georgia | Griffin | GA1 |
| Missouri | Columbia | MO1 |
| Mississippi | Mississippi State | MS1 |
| New Mexico | Las Cruces | NM1 |
| Texas | College Station | TX2 |

2018 NATIONAL TALL FESCUE TEST

LOCATIONS SUBMITTING DATA FOR 2021

| State | Location | Code |
|----------------|------------------------------|------|
| Connecticut | Storrs | CT1 |
| Delaware | Newark | DE1 |
| 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 |
| Maryland | College Park | MD1 |
| Michigan | East Lansing | MI1 |
| Missouri | Columbia | MO1 |
| 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 |
| Pennsylvania | Kennett Square | PA2 |
| Tennessee | Knoxville | TN1 |
| Utah | Logan | UT1 |
| Utah | Logan (Drought) | UT2 |
| Virginia | Blacksburg (3" Height) | VA1 |
| Virginia | Blacksburg (1.5" Height) | VA2 |

2018 NATIONAL LOW INPUT WARM-SEASON TEST
LOCATIONS SUBMITTING DATA FOR 2021

| State | Location | Code |
|----------------|-------------------|------|
| Florida | Jay | FL3 |
| Florida | Citra | FL4 |
| Mississippi | Mississippi State | MS1 |
| North Carolina | Raleigh | NC1 |
| New Mexico | Las Cruces | NM1 |
| Oklahoma | Stillwater | OK1 |
| Texas | College Station | TX2 |
| Utah | Logan | UT1 |

2017 NATIONAL KENTUCKY BLUEGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2021

| State | Location | Code |
|----------------|-------------------------|------|
| Connecticut | Storrs | CT1 |
| Indiana | West Lafayette | IN1 |
| Iowa | Ames | IA1 |
| Iowa | Ames (Shade) | IA2 |
| Massachusetts | Amherst (Traffic Study) | MA1 |
| Maryland | College Park | MD1 |
| Michigan | East Lansing | MI1 |
| Minnesota | St. Paul | MN1 |
| Nebraska | Mead | NE1 |
| New Jersey | N. Brunswick | NJ1 |
| New Jersey | Adelphia | NJ2 |
| North Carolina | Raleigh | NC1 |
| North Dakota | Fargo | ND1 |
| Oklahoma | Stillwater | OK1 |
| Tennessee | Knoxville | TN1 |
| Utah | Logan | UT1 |
| Virginia | Blacksburg | VA1 |

2016 NATIONAL PERENNIAL RYEGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2021

| State | Location | Code |
|---------------|-------------------------|------|
| Connecticut | Storrs | CT1 |
| Iowa | Ames | IA1 |
| Kansas | Manhattan | KS1 |
| Massachusetts | Amherst (Traffic Study) | MA1 |
| Maryland | College Park | MD1 |
| Minnesota | St. Paul | MN1 |
| Missouri | Columbia | MO1 |
| Nebraska | Mead | NE1 |
| New Jersey | Adelphia | NJ2 |
| Oregon | Corvallis | OR1 |
| Oregon | Corvallis (Traffic) | OR2 |
| Utah | Logan | UT1 |
| Utah | Logan (Drought) | UT2 |
| Virginia | Blacksburg | VA1 |
| Wisconsin | Madison (Traffic) | WI1 |