

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT STORRS, CT 1/
2016 DATA

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

| NAME | PERCENT COVER SPRING | PERCENT COVER FALL | PERCENT ESTABLISH- MENT | PERCENT WEED SUMMER | PERCENT WEED FALL | QUALITY RATINGS | | | | | | | MEAN | |
|------------------------|----------------------------|--------------------------|-------------------------------|---------------------------|-------------------------|-----------------|------|------|------|-----|------|------|------|-----|
| | | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | | NOV |
| 7H7 | 94.3 | 97.7 | 50.0 | 3.0 | 4.0 | 4.3 | 6.3 | 7.7 | 7.7 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 |
| CRS MIX #1 | 96.3 | 95.0 | 53.3 | 2.0 | 2.3 | 5.7 | 6.3 | 7.7 | 7.3 | 7.3 | 5.7 | 6.0 | 6.7 | 6.6 |
| DLFPS TFAM | 96.0 | 93.3 | 65.0 | 0.0 | 0.7 | 6.7 | 6.7 | 7.7 | 6.0 | 5.7 | 6.3 | 6.7 | 6.3 | 6.5 |
| YAAK | 99.0 | 88.3 | 78.3 | 0.0 | 0.7 | 8.0 | 7.7 | 7.3 | 6.7 | 7.0 | 5.0 | 5.7 | 4.3 | 6.5 |
| SOUTHERN MIXTURE | 96.0 | 90.0 | 68.3 | 0.7 | 1.0 | 6.3 | 7.0 | 8.0 | 5.3 | 5.3 | 6.3 | 5.7 | 6.0 | 6.3 |
| VITALITY LOW | 94.7 | 93.3 | 50.0 | 2.3 | 1.7 | 4.3 | 6.0 | 7.7 | 6.3 | 7.0 | 6.0 | 6.3 | 6.7 | 6.3 |
| CRS MIX #2 | 85.0 | 93.3 | 40.0 | 3.3 | 4.7 | 4.3 | 6.0 | 7.0 | 7.0 | 7.0 | 5.7 | 6.0 | 6.3 | 6.2 |
| BULLSEYE | 95.0 | 86.7 | 66.7 | 1.0 | 1.3 | 6.3 | 7.0 | 7.0 | 5.0 | 6.0 | 6.7 | 5.3 | 5.7 | 6.1 |
| DLFPS TF-A | 96.3 | 88.3 | 65.0 | 0.0 | 1.3 | 6.0 | 6.3 | 7.0 | 6.0 | 5.3 | 6.3 | 6.0 | 6.0 | 6.1 |
| MNHD-15 | 88.3 | 96.3 | 50.0 | 3.3 | 2.3 | 4.0 | 4.7 | 7.3 | 7.7 | 6.7 | 5.7 | 6.3 | 6.7 | 6.1 |
| SPARTAN II | 93.0 | 95.0 | 46.7 | 0.7 | 1.7 | 4.7 | 5.7 | 6.3 | 6.7 | 7.0 | 6.0 | 6.0 | 6.7 | 6.1 |
| DLFPS TFASTC | 93.3 | 90.0 | 61.7 | 0.3 | 0.7 | 5.7 | 6.7 | 7.0 | 5.7 | 6.3 | 6.0 | 5.3 | 5.7 | 6.0 |
| KINGDOM | 91.7 | 91.7 | 68.3 | 2.0 | 3.0 | 5.3 | 5.7 | 6.7 | 5.3 | 5.7 | 6.7 | 6.7 | 5.7 | 6.0 |
| DTT TALL FESCUE MIX | 96.3 | 88.3 | 61.7 | 0.3 | 2.0 | 5.7 | 6.7 | 7.7 | 5.3 | 5.3 | 5.7 | 5.3 | 5.3 | 5.9 |
| QUATRO | 91.7 | 93.3 | 48.3 | 2.3 | 2.3 | 5.3 | 6.3 | 6.0 | 6.0 | 6.0 | 5.3 | 5.3 | 6.7 | 5.9 |
| CRS MIX #3 | 97.7 | 93.3 | 53.3 | 1.3 | 2.3 | 6.7 | 5.7 | 5.0 | 6.0 | 5.7 | 5.0 | 6.3 | 6.3 | 5.8 |
| DLFPS SHHM | 94.3 | 88.3 | 48.3 | 1.3 | 6.0 | 5.0 | 5.7 | 6.7 | 5.3 | 6.0 | 5.3 | 5.7 | 5.7 | 5.7 |
| DLFPS CHCRM | 96.0 | 90.0 | 61.7 | 0.0 | 1.0 | 5.7 | 5.7 | 7.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.3 | 5.7 |
| DUTCH WHITE CLOVER | 99.0 | 90.0 | 30.0 | 1.0 | 1.7 | 5.0 | 5.0 | 6.3 | 5.3 | 6.3 | 5.7 | 6.3 | 5.7 | 5.7 |
| VITALITY DOUBLE | 91.7 | 86.7 | 58.3 | 1.0 | 1.3 | 5.3 | 4.7 | 7.0 | 6.0 | 5.3 | 6.7 | 5.0 | 5.0 | 5.6 |
| BGR-TF3 | 83.3 | 90.0 | 61.7 | 23.3 | 0.7 | 6.7 | 5.7 | 6.3 | 5.0 | 4.7 | 5.3 | 5.0 | 5.0 | 5.5 |
| DLFPS CHCRSH | 90.0 | 89.7 | 53.3 | 1.3 | 2.0 | 4.3 | 6.0 | 5.3 | 5.3 | 5.0 | 5.3 | 6.0 | 6.7 | 5.5 |
| RADAR | 95.0 | 88.3 | 55.0 | 3.7 | 5.7 | 4.0 | 6.0 | 7.0 | 5.3 | 4.7 | 4.7 | 5.3 | 6.0 | 5.4 |
| CS MIX | 91.7 | 93.0 | 48.3 | 2.3 | 2.0 | 4.3 | 5.7 | 6.0 | 6.3 | 5.7 | 4.0 | 5.0 | 5.7 | 5.3 |
| DTTHO TF/KBG MIX | 85.0 | 81.7 | 56.7 | 2.0 | 2.7 | 4.3 | 5.0 | 5.7 | 5.3 | 5.3 | 6.3 | 5.3 | 4.7 | 5.3 |
| CHANTILLY | 94.3 | 86.7 | 61.7 | 1.3 | 5.0 | 5.7 | 7.0 | 5.0 | 4.3 | 4.3 | 4.0 | 4.7 | 5.3 | 5.0 |
| KY-31 E+ | 91.7 | 83.3 | 73.3 | 0.3 | 0.3 | 6.7 | 4.7 | 5.0 | 5.3 | 5.0 | 5.0 | 4.3 | 4.3 | 5.0 |
| NATURAL KNIT ® PRG MIX | 97.7 | 80.0 | 76.7 | 0.0 | 2.0 | 6.7 | 7.3 | 6.3 | 3.3 | 4.0 | 3.3 | 5.0 | 4.0 | 5.0 |
| NORTHERN MIXTURE | 88.3 | 80.0 | 56.7 | 1.3 | 3.3 | 5.0 | 5.3 | 5.0 | 4.0 | 4.7 | 3.0 | 4.7 | 5.0 | 4.6 |
| A-SFT | 90.0 | 81.7 | 61.7 | 2.0 | 3.7 | 4.3 | 5.0 | 4.7 | 4.3 | 4.3 | 4.3 | 5.0 | 4.3 | 4.5 |
| BEWITCHED | 70.0 | 81.7 | 36.7 | 4.3 | 12.0 | 2.7 | 3.7 | 5.0 | 5.0 | 5.0 | 5.0 | 4.7 | 5.3 | 4.5 |
| KENBLUE | 56.7 | 56.7 | 4.3 | 5.0 | 9.3 | 2.3 | 3.3 | 3.3 | 2.7 | 3.7 | 2.7 | 3.0 | 2.0 | 2.9 |
| LSD VALUE | 7.8 | 9.7 | 9.5 | 2.1 | 4.5 | 1.1 | 1.7 | 1.2 | 1.0 | 0.8 | 0.9 | 1.2 | 1.0 | 0.5 |
| C.V. (%) | 5.6 | 6.7 | 11.4 | 63.3 | 88.2 | 13.3 | 16.3 | 11.6 | 12.0 | 9.6 | 10.7 | 12.5 | 11.6 | 6.4 |

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

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

TABLE 2.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT STORRS (ANCILLARY), CT 1/
2016 DATA

| NAME | TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ | | | | | | | | | | | | | |
|------------------------|--|--------------------------|-------------------------------|---------------------------|-------------------------|------|------|------|------|------|------|------|------|------|
| | PERCENT COVER SPRING | PERCENT COVER FALL | PERCENT ESTABLISH- MENT | PERCENT WEED SUMMER | PERCENT WEED FALL | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| DLFPS TF-A | 97.7 | 95.0 | 71.7 | 2.3 | 4.3 | 7.3 | 7.0 | 7.3 | 6.7 | 6.3 | 7.3 | 7.3 | 6.3 | 7.0 |
| DLFPS TFAM | 96.3 | 97.7 | 73.3 | 1.3 | 3.3 | 7.7 | 7.7 | 6.7 | 7.0 | 6.3 | 7.3 | 7.3 | 6.3 | 7.0 |
| DLFPS TFASTC | 97.7 | 97.7 | 71.7 | 2.0 | 1.3 | 7.0 | 7.7 | 7.3 | 7.3 | 5.7 | 7.3 | 7.3 | 6.3 | 7.0 |
| BULLSEYE | 97.7 | 95.0 | 68.3 | 1.3 | 3.0 | 7.0 | 7.3 | 7.7 | 6.0 | 6.0 | 7.0 | 7.3 | 6.0 | 6.8 |
| CRS MIX #2 | 93.3 | 96.3 | 58.3 | 3.7 | 5.7 | 5.0 | 6.3 | 7.0 | 6.7 | 7.0 | 6.3 | 8.0 | 7.0 | 6.7 |
| MNHD-15 | 93.0 | 96.3 | 58.3 | 2.7 | 3.3 | 4.3 | 6.3 | 7.0 | 7.3 | 7.3 | 6.7 | 7.3 | 7.0 | 6.7 |
| CRS MIX #1 | 96.0 | 97.7 | 58.3 | 3.7 | 5.3 | 5.3 | 6.7 | 7.0 | 7.0 | 7.3 | 6.0 | 7.0 | 6.7 | 6.6 |
| VITALITY LOW | 97.7 | 99.0 | 53.3 | 1.7 | 5.0 | 5.3 | 6.7 | 7.0 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 6.6 |
| SPARTAN II | 96.3 | 96.3 | 60.0 | 2.0 | 4.7 | 5.7 | 6.7 | 6.3 | 5.7 | 6.7 | 6.7 | 7.3 | 6.7 | 6.5 |
| YAAK | 99.0 | 90.0 | 75.0 | 0.0 | 1.3 | 7.7 | 7.0 | 7.3 | 6.7 | 7.0 | 5.3 | 6.0 | 5.3 | 6.5 |
| 7H7 | 95.0 | 96.3 | 53.3 | 5.0 | 8.0 | 4.0 | 5.7 | 6.7 | 6.7 | 7.0 | 6.3 | 7.7 | 7.0 | 6.4 |
| CS MIX | 97.7 | 93.3 | 65.0 | 2.0 | 7.0 | 6.0 | 7.3 | 7.0 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 6.4 |
| DTTHO TF/KBG MIX | 96.3 | 95.0 | 63.3 | 2.0 | 5.0 | 6.0 | 6.0 | 7.7 | 6.3 | 5.7 | 6.3 | 7.3 | 5.7 | 6.4 |
| KINGDOM | 94.7 | 93.3 | 65.0 | 3.0 | 9.3 | 6.0 | 6.7 | 7.3 | 5.7 | 5.0 | 6.7 | 7.7 | 5.7 | 6.3 |
| RADAR | 99.0 | 94.7 | 63.3 | 3.3 | 4.0 | 6.0 | 7.7 | 6.7 | 5.3 | 5.7 | 5.7 | 6.7 | 5.7 | 6.2 |
| SOUTHERN MIXTURE | 96.3 | 91.7 | 71.7 | 0.7 | 2.0 | 7.0 | 7.0 | 6.7 | 5.7 | 5.0 | 6.0 | 7.0 | 5.3 | 6.2 |
| CRS MIX #3 | 99.0 | 91.7 | 50.0 | 0.0 | 1.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.0 | 5.3 | 6.7 | 6.7 | 6.1 |
| DTT TALL FESCUE MIX | 96.3 | 89.7 | 61.7 | 1.3 | 5.0 | 6.0 | 5.7 | 7.0 | 5.3 | 5.3 | 6.3 | 6.3 | 5.7 | 6.0 |
| VITALITY DOUBLE | 94.7 | 91.3 | 71.7 | 1.7 | 3.7 | 6.0 | 5.7 | 7.0 | 6.7 | 5.3 | 6.0 | 6.7 | 5.0 | 6.0 |
| A-SFT | 93.3 | 96.3 | 66.7 | 3.7 | 4.7 | 5.7 | 6.0 | 6.7 | 6.0 | 4.7 | 6.7 | 6.0 | 5.7 | 5.9 |
| DLFPS CHCRSH | 95.0 | 91.7 | 63.3 | 2.0 | 4.0 | 5.7 | 6.7 | 5.7 | 5.3 | 5.7 | 5.0 | 7.3 | 6.0 | 5.9 |
| NATURAL KNIT ® PRG MIX | 97.7 | 88.3 | 83.3 | 0.3 | 6.0 | 7.0 | 7.7 | 6.3 | 4.3 | 4.3 | 5.3 | 6.3 | 5.7 | 5.9 |
| BGR-TF3 | 85.0 | 88.0 | 70.0 | 12.7 | 18.3 | 7.3 | 5.0 | 6.0 | 4.7 | 4.7 | 6.3 | 6.7 | 5.7 | 5.8 |
| CHANTILLY | 94.7 | 95.0 | 65.0 | 1.0 | 4.3 | 6.0 | 6.7 | 5.0 | 4.3 | 5.0 | 5.0 | 7.3 | 6.0 | 5.7 |
| QUATRO | 93.3 | 90.0 | 51.7 | 4.3 | 9.3 | 6.0 | 6.0 | 5.0 | 5.3 | 5.7 | 5.3 | 6.0 | 6.0 | 5.7 |
| DLFPS CHCRM | 97.7 | 91.7 | 65.0 | 0.0 | 3.7 | 6.3 | 6.3 | 5.7 | 5.7 | 5.3 | 4.7 | 5.7 | 5.3 | 5.6 |
| DLFPS SHHM | 93.0 | 93.3 | 48.3 | 0.0 | 4.0 | 5.0 | 6.0 | 4.7 | 5.7 | 5.7 | 5.0 | 6.0 | 5.7 | 5.5 |
| KY-31 E+ | 96.3 | 85.0 | 76.7 | 0.3 | 3.0 | 7.0 | 6.0 | 4.7 | 6.0 | 5.0 | 5.7 | 5.0 | 4.7 | 5.5 |
| DUTCH WHITE CLOVER | 99.0 | 95.0 | 43.3 | 2.7 | 6.0 | 5.0 | 4.3 | 4.7 | 5.3 | 6.3 | 4.7 | 6.7 | 6.0 | 5.4 |
| NORTHERN MIXTURE | 90.0 | 80.0 | 68.3 | 3.3 | 16.0 | 5.0 | 5.3 | 4.7 | 4.0 | 4.0 | 3.7 | 5.7 | 4.0 | 4.5 |
| BEWITCHED | 66.7 | 75.0 | 45.0 | 7.7 | 71.7 | 3.3 | 3.7 | 5.0 | 4.3 | 3.7 | 4.0 | 4.7 | 4.7 | 4.2 |
| KENBLUE | 46.7 | 75.0 | 12.0 | 11.3 | 65.0 | 2.0 | 3.7 | 3.0 | 3.0 | 3.3 | 3.3 | 5.3 | 4.0 | 3.5 |
| LSD VALUE | 5.8 | 11.5 | 10.6 | 2.6 | 13.7 | 1.2 | 1.1 | 1.2 | 1.1 | 1.2 | 0.9 | 1.4 | 1.2 | 0.5 |
| C.V. (%) | 4.2 | 6.8 | 11.4 | 60.9 | 96.2 | 13.4 | 11.0 | 12.5 | 12.4 | 13.3 | 10.2 | 11.9 | 11.8 | 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 3. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE 2015 NATIONAL LOW INPUT COOL-SEASON TEST AT WEST LAFAYETTE (LOW INPUT), IN 1/ 2016 DATA

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

| NAME | PERCENT COVER SPRING | HEIGHT MEASUREMENT BETWEEN MOWING (INCHES) | | | QUALITY RATINGS | | | | MEAN |
|------------------------|----------------------|--|------|------|-----------------|------|------|------|------|
| | | JUNE | JULY | JUN | JUL | AUG | SEP | OCT | |
| VITALITY DOUBLE | 96.3 | 4.3 | 5.0 | 7.0 | 6.0 | 7.3 | 7.0 | 5.7 | 6.6 |
| DLFPS TFASTC | 97.7 | 4.0 | 5.3 | 6.3 | 5.7 | 7.3 | 6.3 | 5.7 | 6.3 |
| DTT TALL FESCUE MIX | 96.3 | 3.3 | 5.0 | 6.7 | 5.3 | 6.3 | 6.3 | 6.0 | 6.1 |
| DTTHO TF/KBG MIX | 95.0 | 4.3 | 5.3 | 6.7 | 5.3 | 5.3 | 6.3 | 5.7 | 5.9 |
| KINGDOM | 96.3 | 3.7 | 4.7 | 6.0 | 6.0 | 6.3 | 6.3 | 5.0 | 5.9 |
| RADAR | 97.7 | 4.3 | 4.7 | 6.3 | 5.7 | 6.7 | 5.3 | 5.3 | 5.9 |
| CRS MIX #3 | 86.7 | 9.7 | 9.0 | 5.0 | 6.0 | 5.3 | 6.7 | 6.0 | 5.8 |
| VITALITY LOW | 93.3 | 4.0 | 4.3 | 5.0 | 6.3 | 6.3 | 6.0 | 5.3 | 5.8 |
| DLFPS CHCRSH | 95.0 | 4.3 | 5.3 | 5.7 | 5.3 | 6.3 | 6.0 | 5.0 | 5.7 |
| DLFPS TF-A | 96.3 | 3.7 | 5.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.3 | 5.7 |
| DLFPS TFAM | 97.7 | 8.3 | 8.0 | 5.7 | 6.0 | 6.0 | 6.0 | 5.0 | 5.7 |
| KY-31 E+ | 93.3 | 5.0 | 6.3 | 6.3 | 5.3 | 6.3 | 4.7 | 5.7 | 5.7 |
| QUATRO | 91.7 | 4.0 | 3.7 | 5.0 | 5.3 | 5.7 | 5.7 | 6.7 | 5.7 |
| SOUTHERN MIXTURE | 97.7 | 4.0 | 4.0 | 6.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 |
| DLFPS CHCRM | 91.7 | 5.3 | 6.0 | 5.3 | 5.3 | 6.3 | 6.0 | 5.0 | 5.6 |
| DUTCH WHITE CLOVER | 93.3 | 9.7 | 9.3 | 4.3 | 6.0 | 4.7 | 7.0 | 6.0 | 5.6 |
| SPARTAN II | 93.3 | 4.0 | 4.7 | 4.3 | 5.7 | 6.0 | 6.0 | 6.0 | 5.6 |
| YAAK | 94.7 | 3.3 | 4.7 | 6.7 | 6.3 | 4.3 | 5.0 | 5.7 | 5.6 |
| BEWITCHED | 93.3 | 4.3 | 4.7 | 5.0 | 5.3 | 6.0 | 5.7 | 5.3 | 5.5 |
| CHANTILLY | 93.3 | 4.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 5.5 |
| NORTHERN MIXTURE | 96.3 | 5.7 | 6.3 | 5.0 | 5.3 | 5.0 | 6.3 | 5.7 | 5.5 |
| CS MIX | 93.3 | 4.3 | 5.0 | 5.0 | 5.0 | 6.0 | 5.3 | 5.7 | 5.4 |
| A-SFT | 95.0 | 3.0 | 4.3 | 6.0 | 4.3 | 6.3 | 5.3 | 4.7 | 5.3 |
| BGR-TF3 | 97.7 | 3.7 | 5.0 | 5.0 | 4.7 | 6.0 | 5.7 | 5.3 | 5.3 |
| KENBLUE | 93.3 | 6.0 | 6.7 | 5.0 | 5.0 | 5.7 | 5.7 | 5.0 | 5.3 |
| MNHD-15 | 91.7 | 3.3 | 3.7 | 5.3 | 5.0 | 5.7 | 5.3 | 4.7 | 5.2 |
| BULLSEYE | 97.7 | 3.7 | 4.7 | 5.7 | 4.3 | 5.7 | 5.0 | 5.0 | 5.1 |
| DLFPS SHHM | 90.0 | 5.3 | 6.0 | 4.3 | 5.3 | 4.3 | 6.0 | 5.3 | 5.1 |
| NATURAL KNIT ® PRG MIX | 97.7 | 3.0 | 3.7 | 5.7 | 5.0 | 5.3 | 4.3 | 5.3 | 5.1 |
| CRS MIX #1 | 95.0 | 4.0 | 4.0 | 4.7 | 4.7 | 4.3 | 5.3 | 5.7 | 4.9 |
| 7H7 | 93.3 | 3.0 | 3.7 | 4.3 | 4.3 | 5.3 | 4.3 | 5.7 | 4.8 |
| CRS MIX #2 | 90.0 | 2.7 | 3.0 | 4.3 | 4.3 | 4.7 | 4.7 | 5.3 | 4.7 |
| LSD VALUE | 4.6 | 1.0 | 1.3 | 0.9 | 1.6 | 2.0 | 1.7 | 2.5 | 0.8 |
| C.V. (%) | 2.7 | 14.3 | 15.8 | 10.3 | 13.4 | 16.4 | 14.4 | 13.8 | 7.7 |

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TABLE 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE 2015 NATIONAL LOW INPUT COOL-SEASON TEST AT WEST LAFAYETTE (MEDIUM INPUT), IN 1/ 2016 DATA

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

| NAME | PERCENT COVER SPRING | HEIGHT MEASUREMENT BETWEEN MOWING (INCHES) | | QUALITY RATINGS | | | | | MEAN |
|------------------------|----------------------|--|------|-----------------|------|------|------|------|------|
| | | JUNE | JULY | JUN | JUL | AUG | SEP | OCT | |
| KINGDOM | 96.3 | 4.3 | 3.7 | 7.3 | 6.3 | 7.3 | 5.3 | 5.7 | 6.4 |
| DLFPS TFASTC | 96.3 | 4.0 | 4.7 | 6.0 | 5.7 | 6.0 | 5.7 | 6.0 | 5.9 |
| YAAK | 93.3 | 3.3 | 3.7 | 6.0 | 6.0 | 5.7 | 5.3 | 6.3 | 5.9 |
| DLFPS TFAM | 96.3 | 7.0 | 6.3 | 5.3 | 6.0 | 5.7 | 5.7 | 6.3 | 5.8 |
| BULLSEYE | 96.3 | 4.7 | 5.0 | 6.0 | 5.3 | 5.7 | 5.3 | 6.0 | 5.7 |
| CS MIX | 91.7 | 4.7 | 4.3 | 5.3 | 5.7 | 5.7 | 6.0 | 5.7 | 5.7 |
| RADAR | 94.7 | 4.0 | 3.7 | 6.0 | 5.3 | 6.0 | 5.3 | 6.0 | 5.7 |
| VITALITY DOUBLE | 95.0 | 3.0 | 3.3 | 6.0 | 5.7 | 6.0 | 5.7 | 5.3 | 5.7 |
| DLFPS SHHM | 91.7 | 5.0 | 5.7 | 5.0 | 5.0 | 5.3 | 6.3 | 6.3 | 5.6 |
| VITALITY LOW | 93.3 | 3.7 | 4.3 | 5.0 | 6.0 | 6.0 | 5.7 | 5.3 | 5.6 |
| DLFPS TF-A | 95.0 | 3.7 | 4.3 | 5.0 | 5.0 | 5.7 | 6.0 | 5.7 | 5.5 |
| DTT TALL FESCUE MIX | 95.0 | 3.7 | 4.3 | 5.3 | 5.3 | 6.0 | 5.7 | 5.3 | 5.5 |
| A-SFT | 96.3 | 3.7 | 3.3 | 6.0 | 5.3 | 6.0 | 4.7 | 5.0 | 5.4 |
| CRS MIX #3 | 93.3 | 8.0 | 7.7 | 5.0 | 6.0 | 5.0 | 5.3 | 5.0 | 5.3 |
| DLFPS CHCRM | 93.3 | 6.0 | 5.0 | 5.3 | 5.0 | 5.0 | 5.7 | 5.3 | 5.3 |
| DTTHO TF/KBG MIX | 95.0 | 3.0 | 4.3 | 5.3 | 5.0 | 5.7 | 5.0 | 5.3 | 5.3 |
| DUTCH WHITE CLOVER | 88.3 | 9.0 | 8.3 | 4.3 | 6.0 | 4.3 | 6.3 | 5.7 | 5.3 |
| SOUTHERN MIXTURE | 95.0 | 3.7 | 3.3 | 5.7 | 5.7 | 6.0 | 4.0 | 5.0 | 5.3 |
| CHANTILLY | 91.7 | 4.0 | 4.3 | 5.0 | 5.3 | 5.7 | 5.0 | 5.0 | 5.2 |
| BGR-TF3 | 91.7 | 3.7 | 3.3 | 4.3 | 5.0 | 5.7 | 5.3 | 5.3 | 5.1 |
| DLFPS CHCRSH | 90.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.3 | 5.0 | 5.3 | 5.1 |
| KENBLUE | 91.7 | 4.3 | 3.7 | 4.7 | 4.3 | 4.7 | 5.7 | 6.3 | 5.1 |
| KY-31 E+ | 90.0 | 5.3 | 5.0 | 6.0 | 5.0 | 6.3 | 4.0 | 4.3 | 5.1 |
| QUATRO | 90.0 | 3.0 | 2.3 | 5.0 | 4.3 | 4.7 | 5.7 | 5.7 | 5.1 |
| SPARTAN II | 90.0 | 4.7 | 3.7 | 4.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.1 |
| 7H7 | 90.0 | 2.7 | 3.0 | 4.3 | 4.0 | 4.3 | 6.0 | 6.3 | 5.0 |
| NORTHERN MIXTURE | 91.7 | 5.7 | 4.7 | 5.0 | 4.7 | 4.7 | 5.0 | 5.7 | 5.0 |
| NATURAL KNIT ® PRG MIX | 99.0 | 3.0 | 3.3 | 6.0 | 4.7 | 4.7 | 4.3 | 5.0 | 4.9 |
| BEWITCHED | 91.7 | 4.0 | 4.3 | 4.3 | 4.3 | 4.3 | 5.3 | 4.7 | 4.6 |
| CRS MIX #1 | 93.3 | 3.3 | 3.7 | 4.3 | 4.0 | 4.3 | 4.7 | 5.7 | 4.6 |
| MNHD-15 | 91.7 | 3.3 | 3.3 | 4.3 | 3.7 | 4.7 | 4.3 | 4.7 | 4.3 |
| CRS MIX #2 | 93.3 | 2.3 | 2.7 | 4.3 | 3.7 | 3.7 | 4.7 | 4.7 | 4.2 |
| LSD VALUE | 5.1 | 1.0 | 1.2 | 0.9 | 1.3 | 1.6 | 2.9 | 2.1 | 0.7 |
| C.V. (%) | 2.9 | 15.4 | 18.4 | 10.5 | 14.3 | 15.6 | 18.2 | 14.6 | 8.1 |

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

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

TABLE 5. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE 2015 NATIONAL LOW INPUT COOL-SEASON TEST AT EAST LANSING, MI 1/ 2016 DATA

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

| NAME | PERCENT COVER | PERCENT COVER | DROUGHT TOLERANCE | QUALITY RATINGS | | | | | | | MEAN |
|------------------------|---------------|---------------|-------------------|-----------------|------|------|------|------|------|------|------|
| | SUMMER | FALL | DORMANCY | MAY | JUN | JUL | AUG | SEP | OCT | | |
| SPARTAN II | 91.3 | 89.7 | 5.3 | 5.3 | 6.0 | 5.3 | 4.3 | 4.7 | 5.0 | 5.1 | |
| VITALITY LOW | 85.0 | 94.7 | 5.0 | 5.7 | 5.0 | 5.7 | 3.7 | 4.7 | 5.7 | 5.1 | |
| 7H7 | 81.7 | 94.3 | 3.3 | 5.7 | 4.7 | 4.7 | 3.7 | 5.3 | 6.0 | 5.0 | |
| CRS MIX #1 | 86.7 | 78.3 | 4.0 | 6.3 | 5.3 | 5.7 | 3.0 | 4.0 | 4.3 | 4.8 | |
| DLFPS TFASTC | 97.3 | 91.7 | 4.3 | 6.7 | 3.0 | 5.3 | 3.7 | 4.3 | 5.7 | 4.8 | |
| SOUTHERN MIXTURE | 98.0 | 96.0 | 4.7 | 5.7 | 3.3 | 5.3 | 3.7 | 5.0 | 6.0 | 4.8 | |
| DLFPS TF-A | 98.3 | 78.3 | 2.7 | 5.7 | 3.3 | 5.3 | 3.3 | 4.3 | 4.7 | 4.4 | |
| DLFPS TFAM | 97.7 | 94.3 | 1.3 | 6.3 | 3.0 | 4.3 | 2.3 | 4.3 | 6.3 | 4.4 | |
| CHANTILLY | 97.7 | 93.0 | 2.3 | 5.3 | 3.7 | 3.7 | 3.3 | 4.3 | 5.3 | 4.3 | |
| DLFPS CHCRSH | 92.0 | 81.7 | 1.0 | 6.0 | 4.0 | 4.3 | 3.0 | 4.0 | 4.3 | 4.3 | |
| DLFPS CHCRM | 93.3 | 88.0 | 1.0 | 5.7 | 3.0 | 4.7 | 3.0 | 4.3 | 5.3 | 4.3 | |
| KENBLUE | 34.3 | 94.7 | 1.7 | 4.3 | 2.0 | 2.7 | 5.0 | 5.7 | 6.0 | 4.3 | |
| NORTHERN MIXTURE | 98.0 | 88.3 | 2.0 | 5.3 | 3.0 | 5.0 | 3.3 | 4.3 | 4.7 | 4.3 | |
| QUATRO | 84.7 | 66.7 | 5.7 | 5.3 | 5.3 | 6.0 | 2.7 | 3.0 | 3.7 | 4.3 | |
| VITALITY DOUBLE | 97.0 | 88.3 | 3.0 | 5.7 | 3.0 | 4.7 | 3.3 | 4.0 | 5.0 | 4.3 | |
| RADAR | 93.7 | 81.7 | 3.0 | 5.0 | 4.3 | 5.3 | 2.3 | 4.0 | 4.0 | 4.2 | |
| DLFPS SHHM | 85.0 | 88.3 | 2.0 | 5.0 | 3.7 | 3.7 | 2.7 | 4.3 | 5.0 | 4.1 | |
| DTTHO TF/KBG MIX | 95.0 | 88.3 | 3.0 | 5.7 | 3.3 | 4.0 | 2.3 | 4.0 | 5.0 | 4.1 | |
| DUTCH WHITE CLOVER | 84.3 | 94.7 | 2.3 | 6.0 | 1.7 | 3.7 | 3.0 | 4.0 | 6.0 | 4.1 | |
| YAAK | 98.0 | 89.7 | 3.0 | 6.0 | 2.0 | 4.0 | 3.3 | 4.3 | 5.0 | 4.1 | |
| BGR-TF3 | 99.0 | 89.7 | 2.7 | 6.3 | 3.0 | 3.7 | 2.3 | 4.0 | 4.7 | 4.0 | |
| MNHD-15 | 86.7 | 80.0 | 1.7 | 5.0 | 4.7 | 4.7 | 2.3 | 3.0 | 4.3 | 4.0 | |
| KY-31 E+ | 98.0 | 88.3 | 1.0 | 5.7 | 3.0 | 4.3 | 2.7 | 3.3 | 4.7 | 3.9 | |
| A-SFT | 95.3 | 84.7 | 1.7 | 6.0 | 2.3 | 4.0 | 2.3 | 3.3 | 5.0 | 3.8 | |
| BULLSEYE | 98.0 | 71.7 | 1.0 | 6.0 | 3.0 | 4.7 | 2.7 | 2.7 | 3.7 | 3.8 | |
| CRS MIX #2 | 85.0 | 84.7 | 1.7 | 5.3 | 4.3 | 3.3 | 2.3 | 3.0 | 4.3 | 3.8 | |
| CRS MIX #3 | 92.0 | 81.7 | 2.3 | 5.0 | 4.0 | 3.7 | 2.3 | 3.3 | 3.3 | 3.6 | |
| CS MIX | 91.7 | 71.7 | 1.7 | 4.7 | 4.7 | 4.0 | 2.0 | 2.7 | 3.7 | 3.6 | |
| BEWITCHED | 82.3 | 89.7 | 1.0 | 5.0 | 1.0 | 2.3 | 3.3 | 4.0 | 5.3 | 3.5 | |
| DTT TALL FESCUE MIX | 97.7 | 76.7 | 2.3 | 5.3 | 2.7 | 4.0 | 2.0 | 3.0 | 4.0 | 3.5 | |
| KINGDOM | 96.0 | 78.3 | 2.0 | 5.7 | 2.7 | 3.0 | 2.7 | 3.0 | 4.0 | 3.5 | |
| NATURAL KNIT ® PRG MIX | 98.7 | 85.0 | 1.7 | 4.3 | 2.7 | 4.3 | 2.0 | 3.0 | 4.7 | 3.5 | |
| LSD VALUE | 4.5 | 29.8 | 3.3 | 4.1 | 1.0 | 2.9 | 2.3 | 2.6 | 3.5 | 1.2 | |
| C.V. (%) | 3.4 | 13.0 | 62.0 | 19.7 | 18.3 | 27.6 | 32.3 | 26.7 | 25.2 | 13.4 | |

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

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

TABLE 6.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT ST. PAUL, MN 1/
2016 DATA

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

| NAME | SEEDLING VIGOR | PERCENT COVER SPRING | PERCENT COVER FALL | PERCENT WEEDS | QUALITY RATINGS | | | | | | | MEAN |
|------------------------|-------------------|----------------------------|--------------------------|------------------|-----------------|------|------|------|------|------|------|------|
| | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| CHANTILLY | 7.3 | 90.0 | 66.7 | 33.3 | 6.7 | 7.0 | 6.3 | 5.0 | 5.0 | 5.7 | 6.7 | 6.0 |
| VITALITY LOW | 5.0 | 88.3 | 62.7 | 37.3 | 5.7 | 6.0 | 5.3 | 6.0 | 4.0 | 5.3 | 5.7 | 5.4 |
| DLFPS CHCRSH | 6.0 | 88.3 | 52.3 | 47.7 | 5.3 | 5.7 | 5.7 | 5.3 | 4.0 | 5.3 | 6.0 | 5.3 |
| CS MIX | 5.3 | 83.3 | 54.3 | 45.7 | 5.0 | 5.7 | 5.3 | 5.7 | 3.7 | 5.0 | 5.3 | 5.1 |
| RADAR | 5.7 | 81.7 | 33.3 | 66.7 | 5.3 | 5.3 | 5.3 | 4.7 | 3.3 | 4.3 | 5.3 | 4.8 |
| BULLSEYE | 8.7 | 95.0 | 58.7 | 41.7 | 5.3 | 6.3 | 5.0 | 4.0 | 3.0 | 4.7 | 4.3 | 4.7 |
| CRS MIX #1 | 5.0 | 83.3 | 62.7 | 37.7 | 5.0 | 5.3 | 3.7 | 5.0 | 3.7 | 5.0 | 5.3 | 4.7 |
| DTT TALL FESCUE MIX | 7.7 | 91.7 | 56.3 | 44.0 | 5.3 | 6.3 | 4.7 | 4.0 | 2.3 | 5.3 | 4.3 | 4.6 |
| SPARTAN II | 5.0 | 88.3 | 37.7 | 62.7 | 5.3 | 5.0 | 5.0 | 6.0 | 3.7 | 3.0 | 4.3 | 4.6 |
| VITALITY DOUBLE | 6.0 | 88.3 | 66.7 | 33.3 | 4.0 | 5.7 | 5.0 | 4.0 | 3.3 | 5.7 | 4.7 | 4.6 |
| A-SFT | 7.7 | 90.0 | 46.0 | 54.3 | 4.7 | 5.7 | 5.3 | 4.7 | 2.7 | 4.7 | 4.0 | 4.5 |
| DLFPS TF-A | 8.0 | 93.3 | 60.7 | 39.3 | 4.3 | 6.3 | 5.3 | 3.7 | 3.0 | 5.3 | 3.7 | 4.5 |
| YAAK | 7.7 | 90.0 | 93.7 | 6.3 | 4.3 | 5.0 | 4.3 | 5.0 | 3.7 | 5.0 | 4.0 | 4.5 |
| DTTHO TF/KBG MIX | 6.0 | 88.3 | 54.3 | 46.0 | 4.7 | 5.7 | 4.7 | 4.7 | 2.7 | 4.7 | 4.0 | 4.4 |
| NORTHERN MIXTURE | 6.0 | 83.3 | 44.0 | 56.3 | 4.3 | 6.0 | 4.7 | 4.7 | 2.7 | 4.0 | 4.3 | 4.4 |
| SOUTHERN MIXTURE | 7.7 | 94.7 | 52.3 | 48.0 | 5.0 | 6.0 | 4.7 | 4.3 | 2.7 | 5.0 | 3.3 | 4.4 |
| DLFPS TFASTC | 8.0 | 91.7 | 54.7 | 46.3 | 5.3 | 6.0 | 5.7 | 4.7 | 2.0 | 3.7 | 2.7 | 4.3 |
| 7H7 | 4.7 | 85.0 | 39.7 | 60.7 | 4.7 | 4.0 | 4.0 | 4.7 | 3.7 | 3.7 | 4.7 | 4.2 |
| BGR-TF3 | 8.0 | 96.3 | 46.0 | 54.3 | 4.3 | 5.0 | 4.7 | 3.7 | 2.3 | 5.0 | 4.0 | 4.1 |
| CRS MIX #2 | 3.7 | 81.7 | 41.7 | 58.3 | 4.0 | 3.7 | 3.7 | 5.3 | 3.0 | 4.3 | 4.7 | 4.1 |
| MNHD-15 | 5.0 | 85.0 | 29.3 | 71.0 | 4.7 | 4.0 | 3.3 | 4.7 | 3.0 | 4.7 | 4.7 | 4.1 |
| QUATRO | 4.7 | 90.0 | 25.0 | 75.3 | 4.7 | 4.7 | 4.0 | 4.7 | 2.3 | 3.0 | 3.3 | 3.8 |
| DLFPS CHCRM | 6.7 | 94.7 | 87.7 | 12.3 | 5.7 | 5.0 | 5.0 | 4.3 | 1.7 | 2.0 | 2.3 | 3.7 |
| KY-31 E+ | 8.7 | 95.0 | 62.7 | 37.3 | 3.0 | 4.7 | 5.3 | 3.7 | 2.0 | 4.0 | 3.3 | 3.7 |
| NATURAL KNIT ® PRG MIX | 8.0 | 90.0 | 29.0 | 71.0 | 4.3 | 6.7 | 5.0 | 2.0 | 1.7 | 3.3 | 3.0 | 3.7 |
| KINGDOM | 6.3 | 86.7 | 50.0 | 50.0 | 3.7 | 4.7 | 2.7 | 2.7 | 2.7 | 4.0 | 4.0 | 3.5 |
| DLFPS SHHM | 6.3 | 93.3 | 83.3 | 16.7 | 4.7 | 4.3 | 4.0 | 4.0 | 1.3 | 2.0 | 2.3 | 3.2 |
| DLFPS TFAM | 8.3 | 91.7 | 93.0 | 6.3 | 4.7 | 4.3 | 4.3 | 3.3 | 1.0 | 2.0 | 2.0 | 3.1 |
| KENBLUE | 2.0 | 60.0 | 41.7 | 58.7 | 2.3 | 3.0 | 3.3 | 3.3 | 2.0 | 2.0 | 3.3 | 2.8 |
| CRS MIX #3 | 8.7 | 99.0 | 79.3 | 21.0 | 5.3 | 2.7 | 2.7 | 2.3 | 1.7 | 2.0 | 2.0 | 2.7 |
| DUTCH WHITE CLOVER | 6.0 | 90.0 | 87.7 | 12.7 | 4.0 | 2.7 | 2.0 | 2.0 | 1.7 | 2.0 | 1.3 | 2.2 |
| BEWITCHED | 3.7 | 75.0 | 12.7 | 87.3 | 2.3 | 2.0 | 1.7 | 3.3 | 1.0 | 2.3 | 2.3 | 2.1 |
| LSD VALUE | 1.0 | 6.0 | 22.1 | 22.1 | 0.9 | 0.8 | 1.2 | 1.0 | 1.1 | 1.4 | 1.1 | 0.6 |
| C.V. (%) | 11.1 | 4.4 | 25.3 | 31.0 | 12.6 | 11.3 | 17.5 | 15.2 | 25.9 | 21.7 | 17.9 | 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.

TABLE 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT COLUMBIA, MO 1/
2016 DATA

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

| NAME | PERCENT | PERCENT | PERCENT | QUALITY RATINGS | | | | | | | | |
|------------------------|-----------------|-----------------|---------------|-----------------|------|------|------|------|------|-----|------|------|
| | COVER SPRING | COVER SUMMER | COVER FALL | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| DLFPS CHCRM | 97.3 | 99.0 | 99.0 | 7.3 | 7.0 | 8.0 | 7.7 | 7.0 | 6.7 | 7.0 | 8.0 | 7.3 |
| CRS MIX #3 | 95.7 | 98.7 | 99.0 | 6.7 | 7.0 | 6.3 | 7.3 | 6.7 | 7.7 | 7.3 | 7.7 | 7.1 |
| DLFPS TFAM | 98.7 | 99.0 | 99.0 | 7.0 | 7.0 | 7.3 | 6.3 | 7.0 | 6.7 | 7.3 | 7.3 | 7.0 |
| CS MIX | 93.3 | 99.0 | 99.0 | 7.0 | 6.3 | 7.0 | 5.3 | 6.7 | 6.3 | 7.3 | 7.7 | 6.7 |
| DLFPS TFASTC | 86.3 | 99.0 | 99.0 | 7.0 | 7.0 | 6.7 | 5.3 | 5.7 | 6.0 | 7.3 | 7.7 | 6.6 |
| RADAR | 94.3 | 99.0 | 99.0 | 7.0 | 6.3 | 7.3 | 4.7 | 5.7 | 5.7 | 7.7 | 8.0 | 6.5 |
| DLFPS CHCRSH | 91.7 | 99.0 | 99.0 | 6.3 | 6.0 | 6.7 | 6.0 | 6.0 | 5.7 | 6.7 | 7.7 | 6.4 |
| DLFPS SHHM | 97.0 | 99.0 | 99.0 | 5.3 | 5.7 | 6.0 | 7.3 | 6.7 | 6.3 | 6.7 | 7.3 | 6.4 |
| VITALITY LOW | 90.0 | 97.7 | 99.0 | 5.7 | 5.3 | 6.3 | 7.0 | 6.7 | 6.3 | 7.0 | 7.0 | 6.4 |
| DUTCH WHITE CLOVER | 90.7 | 99.0 | 99.0 | 5.7 | 6.0 | 5.3 | 7.3 | 6.7 | 6.0 | 6.7 | 7.0 | 6.3 |
| YAAK | 96.3 | 97.7 | 99.0 | 7.0 | 6.7 | 6.0 | 7.0 | 6.7 | 5.3 | 6.0 | 6.0 | 6.3 |
| CRS MIX #1 | 94.0 | 99.0 | 99.0 | 5.7 | 5.3 | 6.0 | 5.3 | 6.3 | 6.7 | 7.3 | 7.0 | 6.2 |
| VITALITY DOUBLE | 95.7 | 97.7 | 99.0 | 6.0 | 5.7 | 6.3 | 6.3 | 5.0 | 6.0 | 7.3 | 7.0 | 6.2 |
| BULLSEYE | 97.7 | 99.0 | 99.0 | 6.7 | 6.0 | 6.3 | 5.0 | 5.0 | 6.0 | 6.7 | 6.3 | 6.0 |
| DLFPS TF-A | 94.0 | 97.7 | 99.0 | 5.7 | 5.7 | 6.0 | 4.7 | 4.3 | 6.3 | 7.7 | 7.0 | 5.9 |
| 7H7 | 95.0 | 99.0 | 99.0 | 5.3 | 5.0 | 5.0 | 5.0 | 5.7 | 6.3 | 7.0 | 6.7 | 5.8 |
| A-SFT | 94.3 | 99.0 | 99.0 | 7.0 | 7.3 | 7.0 | 4.0 | 3.7 | 5.3 | 6.3 | 6.0 | 5.8 |
| CRS MIX #2 | 97.7 | 97.7 | 99.0 | 5.3 | 4.3 | 5.0 | 4.0 | 6.3 | 7.0 | 7.3 | 7.3 | 5.8 |
| NORTHERN MIXTURE | 94.0 | 97.0 | 99.0 | 7.3 | 6.7 | 7.3 | 4.3 | 4.0 | 5.0 | 6.0 | 5.3 | 5.8 |
| SOUTHERN MIXTURE | 95.3 | 98.3 | 98.7 | 6.7 | 6.0 | 7.0 | 4.3 | 4.0 | 5.7 | 7.0 | 6.0 | 5.8 |
| CHANTILLY | 94.3 | 98.3 | 99.0 | 6.3 | 6.7 | 7.7 | 4.0 | 4.3 | 4.7 | 5.7 | 6.0 | 5.7 |
| DTT TALL FESCUE MIX | 94.3 | 97.7 | 99.0 | 6.7 | 6.3 | 6.3 | 4.3 | 3.7 | 5.3 | 7.0 | 6.0 | 5.7 |
| BGR-TF3 | 95.7 | 98.7 | 99.0 | 6.0 | 5.3 | 5.7 | 3.7 | 4.0 | 5.3 | 7.7 | 7.0 | 5.6 |
| KINGDOM | 97.0 | 99.0 | 99.0 | 6.0 | 5.7 | 6.3 | 5.0 | 4.7 | 5.0 | 6.3 | 6.0 | 5.6 |
| QUATRO | 93.0 | 97.7 | 97.7 | 5.3 | 4.3 | 5.0 | 6.0 | 6.3 | 6.0 | 6.3 | 5.3 | 5.6 |
| DTTHO TF/KBG MIX | 90.0 | 95.7 | 98.3 | 5.7 | 5.7 | 6.0 | 4.7 | 4.0 | 5.0 | 6.7 | 6.0 | 5.5 |
| NATURAL KNIT ® PRG MIX | 95.7 | 97.7 | 99.0 | 5.7 | 7.7 | 8.3 | 3.0 | 4.7 | 5.0 | 5.0 | 5.0 | 5.5 |
| MNHD-15 | 98.0 | 99.0 | 99.0 | 4.3 | 3.7 | 4.0 | 5.0 | 5.3 | 5.7 | 7.0 | 7.0 | 5.3 |
| SPARTAN II | 97.0 | 99.0 | 99.0 | 5.7 | 4.7 | 4.7 | 4.3 | 3.7 | 4.7 | 6.3 | 6.3 | 5.0 |
| KY-31 E+ | 96.3 | 98.3 | 99.0 | 5.0 | 4.3 | 4.3 | 5.0 | 4.3 | 4.7 | 5.3 | 4.7 | 4.7 |
| BEWITCHED | 80.0 | 28.3 | 99.0 | 3.3 | 3.3 | 3.0 | 2.7 | 3.0 | 4.0 | 6.3 | 7.0 | 4.1 |
| KENBLUE | 92.0 | 20.0 | 99.0 | 4.0 | 3.0 | 2.7 | 2.3 | 3.0 | 4.0 | 6.0 | 5.7 | 3.8 |
| LSD VALUE | 12.7 | 3.2 | 1.5 | 1.6 | 1.8 | 1.6 | 1.6 | 1.3 | 1.2 | 1.2 | 1.1 | 0.8 |
| C.V. (%) | 5.5 | 2.4 | 0.5 | 15.0 | 18.3 | 16.1 | 19.5 | 16.0 | 12.9 | 9.9 | 10.3 | 8.6 |

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

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

TABLE 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT COLUMBIA (ANCILLARY), MO 1/
2016 DATA

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

| NAME | PERCENT | PERCENT | QUALITY RATINGS | | | | | | | | MEAN |
|------------------------|-----------------|-----------------|-----------------|------|------|------|------|------|------|------|------|
| | COVER SPRING | COVER SUMMER | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| DLFPS CHCRM | 93.7 | 99.0 | 8.0 | 7.3 | 7.7 | 7.7 | 6.3 | 7.3 | 7.7 | 7.7 | 7.5 |
| CRS MIX #3 | 94.0 | 99.0 | 7.0 | 6.7 | 7.0 | 8.0 | 6.7 | 7.3 | 8.3 | 7.3 | 7.3 |
| DLFPS TFAM | 97.3 | 99.0 | 7.0 | 7.0 | 7.0 | 7.7 | 7.0 | 7.3 | 6.7 | 6.3 | 7.0 |
| DUTCH WHITE CLOVER | 88.7 | 99.0 | 5.7 | 5.7 | 6.3 | 7.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.6 |
| DLFPS SHHM | 91.7 | 99.0 | 5.7 | 6.0 | 6.3 | 8.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.5 |
| VITALITY LOW | 89.7 | 96.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 |
| RADAR | 89.3 | 97.7 | 6.7 | 7.0 | 7.0 | 4.7 | 5.3 | 5.3 | 6.3 | 7.3 | 6.2 |
| MNHD-15 | 88.3 | 96.0 | 5.3 | 5.0 | 5.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.0 | 6.1 |
| CS MIX | 90.0 | 97.7 | 6.0 | 6.3 | 6.7 | 4.3 | 5.7 | 5.3 | 6.7 | 7.0 | 6.0 |
| DLFPS TFASTC | 92.3 | 98.3 | 6.0 | 5.7 | 6.3 | 5.3 | 4.7 | 5.7 | 7.0 | 7.0 | 6.0 |
| YAAK | 92.3 | 94.7 | 6.0 | 6.7 | 4.7 | 5.7 | 6.7 | 5.7 | 6.3 | 6.0 | 6.0 |
| 7H7 | 86.7 | 94.7 | 4.3 | 4.7 | 5.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 5.8 |
| DLFPS CHCRSH | 94.3 | 97.7 | 5.3 | 5.7 | 6.7 | 5.0 | 5.0 | 5.3 | 6.3 | 7.3 | 5.8 |
| SOUTHERN MIXTURE | 95.7 | 98.3 | 6.0 | 6.0 | 5.7 | 3.7 | 5.3 | 6.3 | 7.0 | 6.7 | 5.8 |
| QUATRO | 89.0 | 97.7 | 5.0 | 5.3 | 5.3 | 5.3 | 6.0 | 6.3 | 6.0 | 6.3 | 5.7 |
| VITALITY DOUBLE | 92.3 | 97.0 | 5.0 | 6.0 | 6.3 | 5.0 | 4.7 | 6.0 | 6.7 | 6.0 | 5.7 |
| CHANTILLY | 91.7 | 98.3 | 6.7 | 6.7 | 7.3 | 4.7 | 4.3 | 4.0 | 5.3 | 5.7 | 5.6 |
| CRS MIX #1 | 92.3 | 97.7 | 4.0 | 3.7 | 4.0 | 5.3 | 6.7 | 6.3 | 7.0 | 7.0 | 5.5 |
| CRS MIX #2 | 90.0 | 94.7 | 4.0 | 4.3 | 4.7 | 5.0 | 6.3 | 6.0 | 6.7 | 7.3 | 5.5 |
| DLFPS TF-A | 97.0 | 99.0 | 6.0 | 6.0 | 5.7 | 4.0 | 4.0 | 5.0 | 6.0 | 6.3 | 5.4 |
| NATURAL KNIT ® PRG MIX | 97.3 | 94.7 | 6.7 | 7.3 | 8.0 | 2.7 | 3.7 | 4.7 | 5.3 | 5.0 | 5.4 |
| DTTHO TF/KBG MIX | 94.0 | 97.7 | 5.3 | 6.0 | 5.3 | 4.3 | 4.3 | 4.7 | 6.7 | 5.3 | 5.3 |
| NORTHERN MIXTURE | 94.0 | 95.7 | 5.3 | 6.3 | 6.7 | 4.0 | 4.3 | 4.7 | 5.0 | 6.0 | 5.3 |
| A-SFT | 93.3 | 97.7 | 5.0 | 6.3 | 5.3 | 4.0 | 3.7 | 5.7 | 5.7 | 6.0 | 5.2 |
| SPARTAN II | 94.7 | 97.7 | 5.0 | 5.0 | 5.3 | 5.0 | 5.0 | 4.7 | 5.3 | 6.0 | 5.2 |
| BULLSEYE | 96.3 | 97.7 | 6.0 | 5.3 | 5.3 | 3.3 | 3.7 | 5.3 | 6.3 | 5.3 | 5.1 |
| BGR-TF3 | 91.3 | 94.7 | 5.0 | 5.7 | 5.3 | 3.3 | 4.0 | 6.0 | 5.7 | 5.0 | 5.0 |
| DTT TALL FESCUE MIX | 90.3 | 91.7 | 4.7 | 5.0 | 5.0 | 3.7 | 4.0 | 5.3 | 6.0 | 5.3 | 4.9 |
| KINGDOM | 91.0 | 96.3 | 4.3 | 5.3 | 5.0 | 4.0 | 4.3 | 5.0 | 5.0 | 6.0 | 4.9 |
| BEWITCHED | 90.7 | 41.7 | 3.7 | 3.3 | 2.7 | 3.3 | 3.7 | 4.7 | 7.0 | 7.0 | 4.4 |
| KENBLUE | 83.3 | 70.0 | 3.3 | 2.7 | 3.0 | 3.0 | 4.3 | 5.3 | 6.3 | 5.7 | 4.2 |
| KY-31 E+ | 95.7 | 99.0 | 4.0 | 4.0 | 4.3 | 4.0 | 4.3 | 4.0 | 4.0 | 4.0 | 4.1 |
| LSD VALUE | 10.0 | 8.9 | 1.9 | 1.3 | 1.2 | 1.0 | 0.9 | 1.5 | 1.4 | 1.4 | 0.5 |
| C.V. (%) | 4.6 | 6.2 | 19.8 | 14.1 | 13.4 | 12.9 | 11.6 | 15.2 | 12.8 | 12.5 | 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 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT RALEIGH, NC 1/
2016 DATA

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

| NAME | PERCENT | PERCENT | PERCENT | | PERCENT | PERCENT | QUALITY RATINGS | | | | | | | | | | |
|------------------------|-----------------|---------------|---------------------------|---------------------------|----------------|--------------|-----------------|------|------|------|------|------|------|------|------|------|------|
| | COVER SPRING | COVER FALL | ESTABLISHMENT NOV_2015 | ESTABLISHMENT MAR_2016 | WEED SUMMER | WEED FALL | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN |
| DLFPS TFAM | 99.0 | 85.0 | 93.3 | 96.3 | 6.7 | 6.7 | 7.3 | 7.3 | 7.7 | 7.3 | 6.3 | 5.7 | 4.7 | 5.3 | 5.3 | 3.7 | 6.1 |
| CRS MIX #3 | 93.3 | 80.0 | 95.0 | 81.7 | 3.3 | 10.0 | 5.0 | 5.3 | 7.3 | 6.7 | 5.3 | 5.0 | 4.3 | 5.3 | 6.3 | 4.0 | 5.5 |
| DLFPS SHHM | 99.0 | 86.7 | 70.0 | 93.3 | 8.3 | 26.7 | 6.3 | 7.0 | 7.0 | 5.7 | 5.0 | 4.3 | 4.3 | 6.0 | 5.7 | 3.3 | 5.5 |
| YAAK | 88.3 | 73.0 | 83.3 | 86.7 | 8.3 | 21.7 | 6.0 | 5.3 | 6.0 | 5.3 | 5.0 | 4.3 | 5.0 | 5.7 | 5.3 | 4.7 | 5.3 |
| DLFPS CHCRM | 99.0 | 76.7 | 88.3 | 96.3 | 1.7 | 10.0 | 6.7 | 7.3 | 8.0 | 7.0 | 4.3 | 2.3 | 3.3 | 5.0 | 5.3 | 2.3 | 5.2 |
| DLFPS TFASTC | 88.3 | 64.7 | 91.7 | 83.3 | 8.3 | 28.3 | 5.7 | 5.0 | 6.0 | 6.7 | 5.7 | 4.3 | 4.3 | 5.0 | 5.0 | 3.7 | 5.1 |
| KY-31 E+ | 94.7 | 70.0 | 95.0 | 91.7 | 6.7 | 40.0 | 6.7 | 6.0 | 6.7 | 6.3 | 5.0 | 4.3 | 3.7 | 4.3 | 5.0 | 3.3 | 5.1 |
| SOUTHERN MIXTURE | 91.7 | 66.7 | 91.7 | 91.7 | 6.7 | 45.0 | 6.0 | 5.3 | 6.0 | 6.3 | 4.7 | 3.0 | 4.0 | 4.3 | 4.7 | 3.3 | 4.8 |
| VITALITY DOUBLE | 90.0 | 43.3 | 88.3 | 90.0 | 10.0 | 61.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.7 | 4.0 | 3.3 | 3.3 | 4.0 | 3.0 | 4.7 |
| DLFPS TF-A | 88.3 | 61.7 | 90.0 | 86.7 | 15.0 | 53.3 | 5.3 | 5.3 | 5.7 | 6.0 | 4.7 | 3.7 | 3.7 | 4.3 | 4.0 | 3.0 | 4.6 |
| DTTHO TF/KBG MIX | 81.7 | 60.0 | 76.7 | 73.3 | 13.3 | 48.3 | 4.3 | 3.7 | 5.0 | 5.3 | 3.7 | 4.0 | 4.7 | 5.0 | 4.7 | 3.3 | 4.4 |
| VITALITY LOW | 83.3 | 36.7 | 78.3 | 78.3 | 8.3 | 34.0 | 5.0 | 4.7 | 5.7 | 6.7 | 6.0 | 4.0 | 2.7 | 2.7 | 3.3 | 3.0 | 4.4 |
| BULLSEYE | 85.0 | 43.3 | 91.7 | 85.0 | 16.7 | 56.7 | 5.3 | 4.3 | 5.0 | 5.3 | 4.7 | 4.3 | 3.3 | 3.7 | 3.7 | 3.0 | 4.3 |
| BGR-TF3 | 78.3 | 58.3 | 90.0 | 76.7 | 26.7 | 55.0 | 4.3 | 4.0 | 5.0 | 4.3 | 4.0 | 3.3 | 4.0 | 4.0 | 4.3 | 3.7 | 4.1 |
| DUTCH WHITE CLOVER | 80.0 | 91.7 | 68.3 | 56.7 | 15.0 | 15.0 | 3.0 | 4.3 | 6.0 | 4.3 | 2.7 | 2.7 | 5.0 | 5.7 | 5.0 | 2.0 | 4.1 |
| KINGDOM | 83.3 | 63.3 | 88.3 | 78.3 | 25.0 | 36.7 | 5.0 | 3.7 | 4.7 | 4.3 | 4.0 | 4.0 | 3.7 | 4.0 | 4.7 | 3.3 | 4.1 |
| NATURAL KNIT ® PRG MIX | 90.0 | 41.7 | 95.0 | 90.0 | 10.0 | 53.3 | 6.0 | 5.7 | 6.7 | 6.0 | 3.3 | 2.7 | 2.0 | 3.3 | 3.7 | 2.0 | 4.1 |
| CHANTILLY | 90.0 | 55.0 | 90.0 | 86.7 | 13.3 | 35.0 | 5.3 | 5.0 | 6.3 | 6.0 | 3.0 | 2.3 | 2.3 | 3.3 | 4.3 | 2.3 | 4.0 |
| DLFPS CHCRSH | 86.7 | 30.0 | 85.0 | 85.0 | 10.0 | 38.3 | 5.3 | 5.0 | 6.7 | 5.7 | 4.3 | 3.0 | 2.0 | 2.3 | 2.7 | 2.0 | 3.9 |
| NORTHERN MIXTURE | 91.7 | 26.7 | 91.7 | 91.7 | 5.0 | 50.0 | 5.7 | 6.0 | 7.0 | 6.0 | 3.0 | 2.0 | 2.3 | 2.3 | 2.7 | 1.7 | 3.9 |
| A-SFT | 80.0 | 38.3 | 91.7 | 80.0 | 23.3 | 70.0 | 5.0 | 3.7 | 4.3 | 4.7 | 3.3 | 3.0 | 3.0 | 3.3 | 3.7 | 2.7 | 3.7 |
| DTT TALL FESCUE MIX | 85.0 | 33.3 | 91.7 | 81.7 | 23.3 | 66.7 | 5.3 | 4.7 | 5.3 | 4.7 | 3.0 | 3.3 | 2.3 | 2.7 | 3.3 | 2.7 | 3.7 |
| RADAR | 81.7 | 31.7 | 81.7 | 78.3 | 15.0 | 50.0 | 4.7 | 4.3 | 5.3 | 6.0 | 4.3 | 2.3 | 2.0 | 2.3 | 2.7 | 2.7 | 3.7 |
| 7H7 | 80.0 | 15.0 | 73.3 | 76.7 | 23.3 | 73.3 | 4.3 | 4.0 | 4.7 | 5.7 | 4.3 | 3.7 | 2.7 | 2.3 | 2.3 | 2.3 | 3.6 |
| CRS MIX #2 | 70.0 | 46.7 | 68.3 | 70.0 | 16.7 | 58.3 | 4.0 | 3.3 | 4.0 | 5.0 | 4.7 | 3.3 | 2.7 | 3.3 | 3.7 | 2.3 | 3.6 |
| SPARTAN II | 80.0 | 31.7 | 75.0 | 80.0 | 23.3 | 56.7 | 4.3 | 4.0 | 4.3 | 5.0 | 4.0 | 3.7 | 2.7 | 2.7 | 3.7 | 2.0 | 3.6 |
| CRS MIX #1 | 78.3 | 16.7 | 70.0 | 75.0 | 13.3 | 73.3 | 4.0 | 3.7 | 4.7 | 6.0 | 5.3 | 3.0 | 2.0 | 2.0 | 2.0 | 1.7 | 3.4 |
| QUATRO | 78.3 | 16.7 | 70.0 | 73.3 | 14.0 | 55.0 | 4.7 | 4.0 | 4.7 | 5.0 | 4.7 | 3.3 | 2.3 | 2.0 | 1.7 | 1.3 | 3.4 |
| CS MIX | 80.0 | 20.0 | 80.0 | 78.3 | 15.0 | 48.3 | 4.7 | 3.7 | 4.7 | 5.7 | 3.7 | 2.7 | 2.0 | 2.0 | 2.7 | 1.7 | 3.3 |
| MNHD-15 | 80.0 | 21.7 | 76.7 | 75.0 | 20.0 | 71.7 | 4.3 | 3.7 | 4.3 | 5.7 | 4.3 | 3.0 | 2.0 | 2.0 | 2.3 | 1.3 | 3.3 |
| KENBLUE | 11.7 | 45.0 | 23.3 | 11.7 | 56.7 | 76.7 | 2.0 | 2.0 | 2.7 | 2.3 | 3.0 | 3.0 | 3.3 | 3.7 | 2.7 | 2.7 | 2.7 |
| BEWITCHED | 40.0 | 21.7 | 63.3 | 41.7 | 45.0 | 66.7 | 3.0 | 2.3 | 3.0 | 2.7 | 2.7 | 2.3 | 2.3 | 2.7 | 3.3 | 1.3 | 2.6 |
| LSD VALUE | 7.9 | 30.7 | 4.9 | 6.1 | 10.2 | 34.0 | 0.8 | 1.2 | 1.0 | 1.5 | 1.8 | 1.8 | 1.9 | 1.8 | 2.8 | 2.0 | 1.0 |
| C.V. (%) | 6.5 | 38.3 | 4.1 | 5.3 | 41.9 | 41.2 | 10.5 | 16.2 | 11.6 | 16.5 | 22.8 | 27.3 | 32.4 | 29.4 | 35.6 | 36.9 | 14.5 |

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

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

TABLE 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT MEAD, NE 1/
2016 DATA

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

| NAME | SPRING GREENUP | PERCENT | PERCENT | PERCENT | PERCENT | APR | MAY | JUN | QUALITY RATINGS | | | | MEAN |
|------------------------|-------------------|-----------------|---------------|----------------|--------------|------|------|------|-----------------|------|------|------|------|
| | | COVER SPRING | COVER FALL | WEED SUMMER | WEED FALL | | | | JUL | AUG | SEP | OCT | |
| 7H7 | 4.7 | 88.3 | 93.0 | 10.0 | 23.3 | 5.0 | 5.3 | 4.0 | 3.7 | 4.0 | 5.0 | 5.0 | 4.6 |
| KENBLUE | 4.3 | 96.0 | 99.0 | 3.3 | 43.3 | 5.0 | 5.7 | 5.0 | 3.7 | 4.0 | 4.7 | 4.3 | 4.6 |
| MNHD-15 | 4.7 | 89.7 | 91.3 | 6.7 | 30.0 | 5.0 | 5.3 | 4.7 | 4.3 | 4.3 | 5.0 | 3.3 | 4.6 |
| NORTHERN MIXTURE | 5.0 | 88.3 | 93.0 | 15.0 | 20.0 | 4.7 | 5.0 | 4.0 | 4.3 | 4.3 | 5.0 | 4.7 | 4.6 |
| CRS MIX #2 | 5.0 | 83.3 | 90.0 | 13.3 | 36.7 | 4.7 | 5.0 | 4.3 | 4.0 | 4.3 | 5.0 | 4.0 | 4.5 |
| DLFPS TFAM | 5.0 | 86.7 | 93.0 | 10.0 | 43.3 | 5.7 | 5.0 | 4.3 | 4.0 | 4.0 | 4.7 | 4.0 | 4.5 |
| DLFPS CHCRM | 5.0 | 84.7 | 92.7 | 10.0 | 40.0 | 4.7 | 5.3 | 4.7 | 4.0 | 4.0 | 5.0 | 4.0 | 4.5 |
| KY-31 E+ | 5.0 | 96.0 | 99.0 | 3.3 | 43.3 | 4.7 | 5.3 | 5.0 | 4.3 | 4.0 | 4.7 | 3.7 | 4.5 |
| QUATRO | 5.0 | 88.0 | 89.7 | 10.0 | 43.3 | 5.0 | 5.3 | 4.3 | 4.0 | 3.3 | 5.0 | 4.3 | 4.5 |
| VITALITY LOW | 5.0 | 86.7 | 92.7 | 13.3 | 26.7 | 5.0 | 5.3 | 4.3 | 4.0 | 4.7 | 4.7 | 3.7 | 4.5 |
| BULLSEYE | 5.0 | 93.0 | 99.0 | 6.7 | 50.0 | 4.7 | 5.3 | 3.7 | 4.0 | 3.7 | 5.0 | 4.7 | 4.4 |
| CRS MIX #1 | 4.3 | 90.0 | 93.0 | 11.7 | 40.0 | 4.7 | 5.3 | 4.0 | 3.7 | 4.0 | 5.0 | 4.0 | 4.4 |
| DTT TALL FESCUE MIX | 5.0 | 94.3 | 96.0 | 5.0 | 46.7 | 4.7 | 5.3 | 4.3 | 4.0 | 3.7 | 4.7 | 4.3 | 4.4 |
| SPARTAN II | 5.0 | 94.7 | 86.7 | 11.7 | 30.0 | 5.0 | 6.0 | 4.7 | 3.7 | 4.0 | 4.7 | 3.0 | 4.4 |
| A-SFT | 4.3 | 86.3 | 92.7 | 11.7 | 36.7 | 4.3 | 5.0 | 4.0 | 4.0 | 4.0 | 4.7 | 4.0 | 4.3 |
| BEWITCHED | 5.7 | 91.3 | 89.7 | 13.3 | 40.0 | 4.7 | 5.3 | 4.0 | 3.3 | 4.0 | 4.3 | 4.3 | 4.3 |
| BGR-TF3 | 5.3 | 81.7 | 93.0 | 13.3 | 43.3 | 5.0 | 5.0 | 4.3 | 4.0 | 3.3 | 4.7 | 4.0 | 4.3 |
| CS MIX | 5.0 | 70.0 | 89.7 | 10.0 | 38.3 | 5.0 | 4.0 | 3.7 | 4.3 | 3.3 | 5.3 | 4.3 | 4.3 |
| DLFPS SHHM | 4.7 | 81.7 | 99.0 | 10.0 | 53.3 | 5.0 | 4.7 | 3.7 | 4.0 | 3.3 | 5.0 | 4.3 | 4.3 |
| DLFPS TFASTC | 5.0 | 88.0 | 93.0 | 6.7 | 43.3 | 4.7 | 5.0 | 4.7 | 3.7 | 3.3 | 5.0 | 4.0 | 4.3 |
| CRS MIX #3 | 4.7 | 85.0 | 86.7 | 13.3 | 30.0 | 4.7 | 4.7 | 3.7 | 4.0 | 4.0 | 4.7 | 4.0 | 4.2 |
| DLFPS CHCRSH | 5.0 | 81.3 | 92.7 | 6.7 | 43.3 | 4.3 | 4.7 | 4.0 | 3.3 | 4.0 | 4.7 | 4.3 | 4.2 |
| DLFPS TF-A | 4.7 | 89.7 | 91.7 | 11.7 | 36.7 | 5.0 | 5.0 | 4.0 | 3.3 | 4.0 | 4.3 | 3.7 | 4.2 |
| DUTCH WHITE CLOVER | 4.7 | 83.0 | 93.0 | 20.0 | 33.3 | 4.3 | 4.7 | 4.3 | 4.0 | 3.3 | 4.7 | 4.0 | 4.2 |
| KINGDOM | 5.7 | 79.7 | 89.3 | 8.3 | 58.3 | 5.3 | 4.7 | 3.7 | 4.0 | 3.3 | 4.7 | 4.0 | 4.2 |
| NATURAL KNIT ® PRG MIX | 5.7 | 80.0 | 93.0 | 8.3 | 46.7 | 4.3 | 4.3 | 4.0 | 4.0 | 3.7 | 5.0 | 4.3 | 4.2 |
| SOUTHERN MIXTURE | 4.3 | 88.3 | 89.7 | 13.3 | 23.3 | 4.7 | 5.0 | 3.7 | 4.0 | 4.3 | 4.3 | 3.3 | 4.2 |
| YAAK | 5.0 | 81.7 | 89.7 | 15.0 | 33.3 | 4.7 | 4.7 | 3.7 | 4.0 | 4.0 | 4.7 | 3.7 | 4.2 |
| CHANTILLY | 5.0 | 85.0 | 83.3 | 13.3 | 20.0 | 4.7 | 4.7 | 4.3 | 4.0 | 3.7 | 4.3 | 3.3 | 4.1 |
| DTTHO TF/KBG MIX | 4.3 | 83.3 | 83.3 | 11.7 | 36.7 | 4.7 | 4.7 | 3.7 | 3.7 | 4.3 | 4.0 | 3.3 | 4.0 |
| RADAR | 4.3 | 80.0 | 90.0 | 15.0 | 40.0 | 4.7 | 4.3 | 3.7 | 3.3 | 4.0 | 4.0 | 3.7 | 4.0 |
| VITALITY DOUBLE | 5.7 | 74.7 | 89.7 | 11.7 | 40.0 | 4.0 | 4.7 | 4.0 | 3.3 | 4.0 | 4.7 | 3.3 | 4.0 |
| LSD VALUE | 2.5 | 39.4 | 27.4 | 19.8 | 36.7 | 2.2 | 3.1 | 1.7 | 1.8 | 2.2 | 1.7 | 1.9 | 1.5 |
| C.V. (%) | 14.8 | 12.9 | 8.2 | 57.6 | 35.8 | 12.6 | 16.5 | 14.7 | 13.7 | 16.7 | 11.2 | 17.2 | 8.7 |

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

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

TABLE 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT CORVALLIS, OR 1/
2016 DATA

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

| NAME | PERCENT | PERCENT | PERCENT | %GRASSY | %GRASSY | MAY | JUN | JUL | AUG | QUALITY RATINGS | | | | MEAN |
|------------------------|-----------------|---------------|--------------------|----------------|--------------|------|------|------|------|-----------------|------|------|------|------|
| | COVER SPRING | COVER FALL | ESTABLISH- MENT | WEED SUMMER | WEED FALL | | | | | SEP | OCT | NOV | | |
| CHANTILLY | 91.7 | 86.7 | 76.0 | 13.3 | 1.7 | 7.3 | 5.3 | 2.7 | 2.3 | 2.3 | 6.7 | 6.7 | 4.8 | |
| DLFPS TF-A | 91.7 | 94.0 | 92.0 | 11.7 | 1.7 | 6.7 | 4.3 | 2.7 | 2.3 | 2.3 | 6.7 | 6.7 | 4.5 | |
| DLFPS TFASTC | 94.3 | 97.0 | 92.3 | 13.3 | 1.0 | 6.0 | 5.3 | 3.3 | 2.3 | 2.3 | 5.7 | 5.7 | 4.4 | |
| BEWITCHED | 23.3 | 25.0 | 41.3 | 81.7 | 13.3 | 6.3 | 5.0 | 2.7 | 2.7 | 2.7 | 5.3 | 5.3 | 4.3 | |
| CRS MIX #3 | 60.0 | 31.7 | 83.3 | 66.0 | 8.3 | 6.0 | 5.3 | 2.0 | 2.0 | 2.0 | 6.0 | 6.0 | 4.2 | |
| CS MIX | 66.0 | 75.0 | 72.0 | 28.3 | 5.7 | 5.0 | 4.3 | 3.3 | 3.0 | 3.0 | 5.3 | 5.3 | 4.2 | |
| VITALITY LOW | 36.7 | 43.3 | 45.7 | 63.3 | 13.3 | 5.7 | 4.7 | 3.0 | 2.7 | 2.7 | 5.3 | 5.3 | 4.2 | |
| DTTHO TF/KBG MIX | 85.0 | 94.0 | 67.7 | 13.3 | 1.0 | 5.7 | 4.7 | 3.0 | 2.3 | 2.3 | 5.3 | 5.3 | 4.1 | |
| DTT TALL FESCUE MIX | 91.7 | 96.0 | 91.0 | 10.0 | 1.0 | 4.7 | 3.7 | 3.0 | 3.0 | 3.0 | 5.3 | 5.3 | 4.0 | |
| CRS MIX #1 | 16.7 | 20.0 | 48.7 | 82.7 | 15.0 | 5.7 | 4.7 | 2.3 | 2.0 | 2.0 | 5.3 | 5.3 | 3.9 | |
| CRS MIX #2 | 26.7 | 25.0 | 64.0 | 81.7 | 16.7 | 5.0 | 4.7 | 2.3 | 2.3 | 2.3 | 5.3 | 5.3 | 3.9 | |
| DLFPS CHCRSH | 87.7 | 85.0 | 76.7 | 21.7 | 2.3 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 5.7 | 5.7 | 3.9 | |
| MNHD-15 | 13.3 | 15.0 | 42.0 | 78.3 | 15.0 | 6.0 | 4.0 | 2.3 | 2.3 | 2.3 | 5.0 | 5.0 | 3.9 | |
| DLFPS CHCRM | 93.0 | 88.3 | 72.3 | 11.7 | 2.3 | 5.7 | 4.0 | 2.3 | 2.3 | 2.3 | 5.0 | 5.0 | 3.8 | |
| RADAR | 80.0 | 71.7 | 74.3 | 21.7 | 4.0 | 4.7 | 4.3 | 2.7 | 2.0 | 2.0 | 5.3 | 5.3 | 3.8 | |
| RESOLUTE (7H7) | 3.7 | 11.7 | 56.7 | 87.7 | 21.7 | 4.7 | 3.3 | 2.3 | 2.0 | 2.0 | 6.0 | 6.0 | 3.8 | |
| A-SFT | 91.7 | 91.7 | 81.0 | 8.3 | 2.0 | 4.7 | 4.0 | 3.0 | 2.7 | 2.7 | 4.0 | 4.0 | 3.6 | |
| KINGDOM | 86.7 | 92.7 | 66.7 | 11.7 | 1.0 | 5.7 | 4.0 | 2.3 | 2.3 | 2.3 | 4.3 | 4.3 | 3.6 | |
| VITALITY DOUBLE | 92.3 | 94.3 | 80.3 | 16.7 | 1.0 | 4.7 | 4.0 | 2.3 | 2.0 | 2.0 | 5.0 | 5.0 | 3.6 | |
| SPARTAN II | 26.7 | 35.0 | 45.7 | 76.7 | 16.7 | 3.7 | 3.3 | 2.3 | 2.3 | 2.3 | 5.0 | 5.0 | 3.4 | |
| DUTCH WHITE CLOVER | 51.7 | 43.3 | 72.3 | 61.7 | 10.0 | 4.0 | 3.3 | 2.3 | 2.3 | 2.3 | 4.3 | 4.3 | 3.3 | |
| NATURAL KNIT ® PRG MIX | 93.3 | 95.0 | 99.0 | 8.3 | 1.7 | 4.0 | 3.7 | 2.0 | 2.0 | 2.0 | 4.7 | 4.7 | 3.3 | |
| DLFPS SHHM | 48.3 | 66.7 | 51.3 | 51.7 | 4.0 | 4.7 | 3.3 | 2.0 | 2.0 | 2.0 | 4.3 | 4.3 | 3.2 | |
| KENBLUE | 8.3 | 26.7 | 16.7 | 85.0 | 20.0 | 3.7 | 3.0 | 2.0 | 2.3 | 2.3 | 4.7 | 4.7 | 3.2 | |
| NORTHERN MIXTURE | 83.3 | 90.0 | 83.3 | 16.7 | 2.0 | 4.3 | 2.7 | 2.0 | 2.0 | 2.0 | 4.7 | 4.7 | 3.2 | |
| DLFPS TFAM | 91.7 | 96.0 | 87.3 | 13.3 | 1.7 | 4.0 | 3.3 | 2.0 | 2.0 | 2.0 | 4.3 | 4.3 | 3.1 | |
| KY-31 E+ | 91.7 | 88.3 | 87.3 | 13.3 | 1.3 | 4.3 | 3.3 | 2.0 | 2.3 | 2.3 | 3.7 | 3.7 | 3.1 | |
| BULLSEYE | 95.0 | 94.3 | 83.0 | 10.0 | 1.0 | 3.3 | 3.0 | 2.3 | 2.3 | 2.3 | 4.0 | 4.0 | 3.0 | |
| SOUTHERN MIXTURE | 88.3 | 97.0 | 94.7 | 10.0 | 1.0 | 3.7 | 3.0 | 2.3 | 2.0 | 2.0 | 4.0 | 4.0 | 3.0 | |
| YAAK | 92.3 | 93.3 | 90.3 | 10.0 | 0.7 | 3.7 | 2.7 | 2.0 | 2.0 | 2.0 | 4.3 | 4.3 | 3.0 | |
| BGR-TF3 | 86.7 | 94.0 | 89.7 | 15.0 | 3.3 | 2.3 | 2.3 | 2.3 | 2.0 | 2.0 | 3.7 | 3.7 | 2.6 | |
| QUATRO | 41.7 | 45.0 | 49.7 | 51.7 | 10.0 | 2.7 | 2.3 | 2.0 | 2.0 | 2.0 | 3.3 | 3.3 | 2.5 | |
| LSD VALUE | 23.3 | 13.7 | 24.8 | 22.6 | 6.5 | 5.2 | 3.8 | 2.0 | 2.0 | 2.0 | 7.1 | 7.1 | 3.2 | |
| C.V. (%) | 23.2 | 13.6 | 21.5 | 41.8 | 66.0 | 37.2 | 34.4 | 27.1 | 24.6 | 24.6 | 36.0 | 36.0 | 26.3 | |

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

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

TABLE 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT KENNETT SQUARE, PA 1/
2016 DATA

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

| NAME | SEEDLING VIGOR | PERCENT COVER SPRING | PERCENT COVER FALL | BROWN PATCH WARM TEMPM. | PERCENT ESTABLISH- MENT | PERCENT WEEDS SUMMER | PERCENT WEEDS FALL | MAR | APR | MAY | QUALITY RATINGS | | | | | | MEAN |
|------------------------|-------------------|----------------------------|--------------------------|-------------------------------|-------------------------------|----------------------------|--------------------------|------|------|------|-----------------|------|------|------|------|------|------|
| | | | | | | | | | | | JUN | JUL | AUG | SEP | OCT | NOV | |
| DLFPS TF-A | 5.0 | 93.3 | 93.3 | 9.0 | 76.7 | 11.7 | 26.7 | 5.3 | 6.0 | 5.7 | 6.0 | 5.0 | 5.0 | 6.0 | 5.3 | 6.0 | 5.6 |
| SOUTHERN MIXTURE | 4.7 | 90.0 | 91.7 | 9.0 | 71.7 | 7.3 | 25.0 | 5.3 | 5.7 | 5.7 | 6.0 | 5.0 | 5.0 | 5.7 | 6.0 | 6.3 | 5.6 |
| DLFPS TFASTC | 4.7 | 91.7 | 92.3 | 8.7 | 66.7 | 11.7 | 20.0 | 5.3 | 5.3 | 4.7 | 5.3 | 4.3 | 4.7 | 5.7 | 6.0 | 6.3 | 5.3 |
| KY-31 E+ | 5.0 | 91.7 | 88.3 | 7.7 | 80.0 | 2.3 | 30.0 | 5.3 | 6.0 | 6.0 | 6.0 | 4.7 | 4.7 | 5.3 | 5.0 | 4.7 | 5.3 |
| DLFPS TFAM | 4.7 | 95.0 | 91.7 | 9.0 | 73.3 | 1.3 | 26.7 | 5.7 | 6.0 | 4.7 | 5.3 | 4.0 | 4.3 | 5.3 | 5.7 | 6.0 | 5.2 |
| NORTHERN MIXTURE | 4.3 | 93.3 | 78.3 | 8.3 | 63.3 | 4.7 | 66.7 | 5.7 | 6.3 | 6.0 | 6.0 | 4.7 | 4.3 | 4.3 | 4.3 | 4.3 | 5.1 |
| RADAR | 2.7 | 91.7 | 70.0 | 9.0 | 70.0 | 15.0 | 41.7 | 4.7 | 5.0 | 5.3 | 5.7 | 4.7 | 4.7 | 4.3 | 5.3 | 5.3 | 5.0 |
| BULLSEYE | 4.3 | 90.0 | 91.7 | 8.7 | 65.0 | 10.0 | 33.3 | 4.3 | 5.3 | 5.0 | 5.3 | 4.0 | 4.3 | 5.0 | 5.0 | 5.7 | 4.9 |
| BGR-TF3 | 4.3 | 94.7 | 76.7 | 8.0 | 73.3 | 16.7 | 53.3 | 5.3 | 6.0 | 5.0 | 5.0 | 3.3 | 3.3 | 4.3 | 4.3 | 5.3 | 4.7 |
| DLFPS CHCRM | 3.3 | 93.3 | 73.3 | 8.7 | 68.3 | 2.3 | 38.3 | 4.7 | 5.0 | 5.0 | 5.7 | 4.7 | 4.0 | 3.7 | 4.3 | 5.0 | 4.7 |
| VITALITY DOUBLE | 4.3 | 85.0 | 86.7 | 9.0 | 70.0 | 11.7 | 36.7 | 4.3 | 4.3 | 5.0 | 5.0 | 3.7 | 4.0 | 5.3 | 4.7 | 5.7 | 4.7 |
| NATURAL KNIT ® PRG MIX | 5.0 | 92.0 | 55.7 | 8.0 | 85.0 | 6.7 | 78.3 | 5.0 | 5.7 | 5.3 | 5.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.6 |
| A-SFT | 4.7 | 86.7 | 85.0 | 8.3 | 61.7 | 20.0 | 61.7 | 5.0 | 5.0 | 4.7 | 5.0 | 4.0 | 4.0 | 4.0 | 4.3 | 4.7 | 4.5 |
| DLFPS CHCRSH | 3.0 | 90.0 | 51.7 | 9.0 | 50.0 | 13.3 | 60.0 | 4.3 | 4.3 | 5.3 | 5.3 | 4.0 | 3.7 | 4.0 | 4.0 | 4.3 | 4.4 |
| CRS MIX #1 | 2.7 | 91.7 | 65.7 | 9.0 | 61.7 | 33.3 | 65.0 | 4.0 | 4.3 | 4.3 | 4.7 | 4.3 | 4.3 | 4.0 | 3.7 | 4.0 | 4.2 |
| DTT TALL FESCUE MIX | 4.3 | 88.3 | 51.7 | 8.7 | 66.7 | 16.7 | 83.3 | 4.7 | 5.0 | 4.7 | 4.3 | 3.3 | 3.3 | 3.7 | 4.0 | 4.3 | 4.1 |
| DTTHO TF/KBG MIX | 3.3 | 83.3 | 71.7 | 9.0 | 50.0 | 38.3 | 60.0 | 3.7 | 4.0 | 4.0 | 4.3 | 3.0 | 3.7 | 4.3 | 4.7 | 5.0 | 4.1 |
| KINGDOM | 4.3 | 90.0 | 70.0 | 9.0 | 63.3 | 33.3 | 70.0 | 4.7 | 5.0 | 4.0 | 4.7 | 3.3 | 3.3 | 4.3 | 4.0 | 4.0 | 4.1 |
| SPARTAN II | 3.0 | 91.7 | 33.3 | 8.7 | 53.3 | 20.0 | 70.0 | 4.3 | 4.7 | 4.7 | 5.0 | 4.0 | 3.7 | 3.3 | 3.7 | 3.7 | 4.1 |
| CRS MIX #2 | 2.7 | 76.7 | 76.7 | 9.0 | 43.3 | 20.0 | 58.3 | 3.3 | 3.3 | 4.3 | 4.7 | 3.7 | 3.7 | 4.3 | 4.3 | 4.7 | 4.0 |
| CS MIX | 3.0 | 80.0 | 56.7 | 9.0 | 46.7 | 16.7 | 63.3 | 4.0 | 4.3 | 4.3 | 4.7 | 3.3 | 3.3 | 3.3 | 3.7 | 3.7 | 3.9 |
| 7H7 | 2.3 | 85.0 | 55.0 | 9.0 | 43.3 | 36.7 | 80.0 | 3.7 | 4.0 | 4.7 | 4.0 | 3.0 | 3.0 | 3.3 | 4.0 | 4.0 | 3.7 |
| CRS MIX #3 | 3.0 | 90.0 | 61.7 | 9.0 | 63.3 | 10.0 | 66.7 | 3.3 | 3.7 | 4.0 | 4.7 | 3.3 | 3.3 | 4.0 | 3.7 | 3.7 | 3.7 |
| QUATRO | 2.7 | 85.0 | 43.3 | 9.0 | 53.3 | 41.7 | 78.3 | 4.3 | 4.7 | 4.7 | 4.3 | 2.7 | 2.7 | 3.7 | 3.7 | 3.0 | 3.7 |
| VITALITY LOW | 2.7 | 86.7 | 56.7 | 9.0 | 50.0 | 25.0 | 70.0 | 3.7 | 3.7 | 4.7 | 5.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.7 |
| YAAK | 4.0 | 80.0 | 76.7 | 8.7 | 65.0 | 8.3 | 16.7 | 4.0 | 4.0 | 4.0 | 4.3 | 3.3 | 3.3 | 3.7 | 3.7 | 3.3 | 3.7 |
| BEWITCHED | 2.0 | 80.0 | 70.0 | 9.0 | 40.0 | 68.3 | 55.0 | 3.3 | 3.3 | 3.7 | 3.7 | 2.7 | 3.0 | 4.0 | 4.0 | 5.0 | 3.6 |
| DLFPS SHHM | 2.3 | 85.0 | 40.0 | 9.0 | 43.3 | 2.7 | 55.0 | 4.3 | 4.3 | 4.7 | 4.0 | 3.0 | 3.0 | 2.7 | 3.0 | 3.3 | 3.6 |
| MNHD-15 | 3.0 | 80.0 | 46.7 | 9.0 | 46.7 | 25.0 | 71.7 | 4.3 | 4.3 | 4.3 | 4.0 | 3.0 | 3.0 | 3.0 | 2.7 | 3.3 | 3.6 |
| CHANTILLY | 3.7 | 88.3 | 36.7 | 8.3 | 60.0 | 15.0 | 76.7 | 4.0 | 4.3 | 4.3 | 4.0 | 3.0 | 3.0 | 2.3 | 2.7 | 2.7 | 3.4 |
| DUTCH WHITE CLOVER | 2.0 | 60.0 | 78.3 | 9.0 | 30.0 | 12.3 | 33.3 | 3.3 | 3.7 | 4.0 | 3.3 | 2.0 | 2.7 | 3.3 | 3.0 | 2.7 | 3.1 |
| KENBLUE | 1.3 | 50.0 | 41.7 | 9.0 | 6.7 | 73.3 | 66.7 | 3.0 | 3.0 | 3.3 | 3.7 | 2.3 | 2.3 | 3.3 | 3.7 | 3.7 | 3.1 |
| LSD VALUE | 1.2 | 26.1 | 56.9 | 1.1 | 19.9 | 15.9 | 43.0 | 1.7 | 1.9 | 1.8 | 1.8 | 1.4 | 1.4 | 1.8 | 1.7 | 1.3 | 1.2 |
| C.V. (%) | 21.2 | 13.9 | 35.9 | 5.4 | 21.1 | 52.4 | 40.6 | 19.4 | 20.9 | 17.4 | 18.1 | 21.1 | 20.1 | 23.0 | 22.1 | 18.6 | 16.0 |

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

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

TABLE 13. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE 2015 NATIONAL LOW INPUT COOL-SEASON TEST AT LOGAN, UT 1/ 2016 DATA

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

| NAME | PERCENT ESTABLISHMENT | | | QUALITY OCTOBER |
|------------------------|-----------------------|------|--------|--------------------|
| | JUNE | JULY | AUGUST | |
| NATURAL KNIT ® PRG MIX | 63.3 | 80.0 | 99.0 | 9.0 |
| KINGDOM | 36.7 | 73.3 | 99.0 | 8.7 |
| A-SFT | 43.3 | 73.3 | 99.0 | 8.3 |
| CS MIX | 26.7 | 63.3 | 93.0 | 8.3 |
| RADAR | 30.0 | 70.0 | 90.0 | 8.3 |
| SOUTHERN MIXTURE | 46.7 | 76.7 | 99.0 | 8.3 |
| VITALITY LOW | 23.3 | 63.3 | 90.0 | 8.3 |
| DLFPS CHCRM | 40.0 | 76.7 | 93.0 | 8.0 |
| NORTHERN MIXTURE | 33.3 | 60.0 | 99.0 | 8.0 |
| CRS MIX #2 | 16.7 | 50.0 | 93.0 | 7.7 |
| DLFPS TFAM | 46.7 | 83.3 | 99.0 | 7.7 |
| DLFPS TFASTC | 46.7 | 70.0 | 99.0 | 7.7 |
| DTT TALL FESCUE MIX | 50.0 | 76.7 | 99.0 | 7.7 |
| DTTHO TF/KBG MIX | 33.3 | 76.7 | 99.0 | 7.7 |
| BGR-TF3 | 50.0 | 80.0 | 99.0 | 7.3 |
| BULLSEYE | 46.7 | 86.7 | 99.0 | 7.3 |
| DLFPS CHCRSH | 26.7 | 53.3 | 93.0 | 7.3 |
| DLFPS TF-A | 43.3 | 80.0 | 99.0 | 7.3 |
| VITALITY DOUBLE | 40.0 | 76.7 | 99.0 | 7.3 |
| DLFPS SHHM | 13.3 | 36.7 | 76.7 | 7.0 |
| MNHD-15 | 23.3 | 63.3 | 76.7 | 7.0 |
| CHANTILLY | 40.0 | 66.7 | 89.7 | 6.7 |
| KY-31 E+ | 56.7 | 99.0 | 99.0 | 6.7 |
| QUATRO | 20.0 | 53.3 | 83.3 | 6.7 |
| 7H7 | 20.0 | 53.3 | 76.7 | 6.0 |
| BEWITCHED | 20.0 | 36.7 | 90.0 | 6.0 |
| CRS MIX #1 | 13.3 | 33.3 | 73.3 | 6.0 |
| CRS MIX #3 | 20.0 | 96.0 | 99.0 | 6.0 |
| SPARTAN II | 20.0 | 60.0 | 76.7 | 5.7 |
| DUTCH WHITE CLOVER | 20.0 | 99.0 | 99.0 | 4.3 |
| YAAK | 23.3 | 80.0 | 99.0 | 4.0 |
| KENBLUE | 5.0 | 26.7 | 63.3 | 3.7 |
| LSD VALUE | 10.7 | 11.8 | 6.1 | . |
| C.V. (%) | 21.8 | 11.7 | 4.5 | . |

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

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

TABLE 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT BLACKSBURG, VA 1/
2016 DATA

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

| NAME | PERCENT | PERCENT | PERCENT | QUALITY RATINGS | | | | | | MEAN |
|------------------------|-----------------|---------------|--------------------|-----------------|------|------|------|------|------|------|
| | COVER SPRING | COVER FALL | ESTABLISH- MENT | MAY | JUN | JUL | AUG | SEP | OCT | |
| RADAR | 71.7 | 99.0 | 66.7 | 7.7 | 8.7 | 8.0 | 6.7 | 7.7 | 8.0 | 7.8 |
| VITALITY DOUBLE | 73.3 | 99.0 | 60.0 | 7.3 | 8.0 | 8.0 | 7.7 | 8.0 | 8.0 | 7.8 |
| DLFPS TFAM | 71.7 | 99.0 | 60.0 | 7.0 | 8.0 | 8.0 | 7.3 | 7.7 | 7.7 | 7.6 |
| BULLSEYE | 71.7 | 99.0 | 66.7 | 7.3 | 8.7 | 8.0 | 6.7 | 7.3 | 7.0 | 7.5 |
| MNHD-15 | 70.0 | 99.0 | 63.3 | 7.3 | 8.3 | 7.7 | 6.7 | 7.3 | 7.7 | 7.5 |
| CS MIX | 66.7 | 99.0 | 66.7 | 7.3 | 8.7 | 7.3 | 5.7 | 7.0 | 7.7 | 7.3 |
| DLFPS TF-A | 70.0 | 99.0 | 60.0 | 7.0 | 8.0 | 7.7 | 7.0 | 7.3 | 7.0 | 7.3 |
| DTT TALL FESCUE MIX | 66.7 | 99.0 | 63.3 | 7.3 | 8.3 | 7.3 | 6.0 | 7.0 | 7.7 | 7.3 |
| DLFPS SHHM | 65.0 | 99.0 | 56.7 | 6.7 | 7.7 | 7.3 | 6.3 | 7.3 | 7.7 | 7.2 |
| DLFPS CHCRM | 63.3 | 99.0 | 63.3 | 7.3 | 8.3 | 7.3 | 5.3 | 7.0 | 8.0 | 7.2 |
| VITALITY LOW | 68.3 | 99.0 | 63.3 | 7.0 | 8.3 | 7.3 | 6.3 | 7.0 | 7.3 | 7.2 |
| CRS MIX #3 | 70.0 | 99.0 | 63.3 | 6.7 | 8.3 | 7.7 | 6.7 | 6.7 | 6.3 | 7.1 |
| DLFPS CHCRSH | 65.0 | 99.0 | 60.0 | 6.7 | 8.0 | 7.0 | 6.0 | 7.0 | 7.3 | 7.0 |
| DLFPS TFASTC | 68.3 | 99.0 | 60.0 | 6.3 | 8.0 | 7.7 | 6.7 | 6.0 | 8.0 | 7.0 |
| KINGDOM | 63.3 | 99.0 | 56.7 | 6.7 | 7.7 | 7.3 | 6.0 | 7.0 | 7.3 | 7.0 |
| A-SFT | 61.7 | 99.0 | 56.7 | 6.7 | 7.7 | 7.0 | 5.7 | 7.0 | 7.7 | 6.9 |
| BGR-TF3 | 61.7 | 99.0 | 56.7 | 6.7 | 7.7 | 7.0 | 5.7 | 7.0 | 7.3 | 6.9 |
| DTTHO TF/KBG MIX | 63.3 | 99.0 | 53.3 | 6.7 | 7.3 | 7.0 | 6.3 | 7.0 | 6.7 | 6.8 |
| SOUTHERN MIXTURE | 61.7 | 99.0 | 53.3 | 6.3 | 7.3 | 7.0 | 6.0 | 7.0 | 7.3 | 6.8 |
| NORTHERN MIXTURE | 58.3 | 99.0 | 50.0 | 6.3 | 7.0 | 6.7 | 5.7 | 7.0 | 7.7 | 6.7 |
| SPARTAN II | 58.3 | 99.0 | 60.0 | 6.7 | 8.0 | 6.7 | 4.7 | 6.7 | 7.7 | 6.7 |
| 7H7 | 55.0 | 99.0 | 46.7 | 6.3 | 6.7 | 6.3 | 5.3 | 7.0 | 8.0 | 6.6 |
| CRS MIX #1 | 56.7 | 99.0 | 50.0 | 6.3 | 7.0 | 6.3 | 5.3 | 6.7 | 7.7 | 6.6 |
| CRS MIX #2 | 56.7 | 99.0 | 46.7 | 6.3 | 6.7 | 6.3 | 5.7 | 7.0 | 7.7 | 6.6 |
| DUTCH WHITE CLOVER | 56.7 | 99.0 | 50.0 | 6.3 | 7.0 | 6.7 | 5.3 | 6.7 | 7.3 | 6.6 |
| CHANTILLY | 58.3 | 96.0 | 60.0 | 6.0 | 8.0 | 6.7 | 4.7 | 5.3 | 5.7 | 6.1 |
| QUATRO | 53.3 | 99.0 | 50.0 | 5.7 | 7.0 | 6.0 | 4.7 | 6.3 | 7.0 | 6.1 |
| YAAK | 53.3 | 99.0 | 40.0 | 5.7 | 5.3 | 5.3 | 5.3 | 6.7 | 7.7 | 6.0 |
| KENBLUE | 48.3 | 99.0 | 33.3 | 5.0 | 5.3 | 5.7 | 5.3 | 6.0 | 6.3 | 5.6 |
| NATURAL KNIT ® PRG MIX | 51.7 | 94.3 | 50.0 | 5.7 | 7.0 | 6.0 | 4.3 | 5.0 | 5.7 | 5.6 |
| KY-31 E+ | 48.3 | 92.7 | 46.7 | 4.7 | 6.7 | 5.7 | 4.0 | 4.3 | 4.3 | 4.9 |
| BEWITCHED | 40.0 | 91.0 | 26.7 | 4.3 | 4.7 | 4.7 | 4.3 | 5.0 | 5.3 | 4.7 |
| LSD VALUE | 12.9 | 12.4 | 15.7 | 1.4 | 1.5 | 1.5 | 1.8 | 1.7 | 1.5 | 1.1 |
| C.V. (%) | 12.1 | 3.6 | 16.3 | 11.9 | 12.0 | 11.9 | 16.7 | 13.0 | 11.8 | 9.9 |

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.