

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/
2017 DATA

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

NAME	SPRING GREENUP	PERCENT GROUND COVER	WEED RATINGS		QUALITY RATINGS						MEAN
		FALL	SUMMER	FALL	MAY	JUN	JUL	AUG	SEP	OCT	
DLFPS TFAM	4.0	58.3	1.0	36.7	7.0	7.0	7.3	7.3	8.0	7.7	7.4
DLFPS TFASTC	3.7	53.3	1.0	36.0	6.7	7.3	6.3	7.0	7.7	7.7	7.1
CRS MIX #3	5.7	68.3	2.0	18.3	6.0	7.7	7.0	7.3	6.7	7.3	7.0
DLFPS TF-A	3.3	71.7	3.0	23.7	7.0	7.0	6.3	7.0	7.0	6.3	6.8
YAAK	2.0	69.3	5.3	34.0	7.0	6.0	6.7	7.3	6.7	6.3	6.7
CRS MIX #2	3.3	96.3	20.3	2.0	5.7	8.0	5.7	6.0	5.7	6.7	6.3
DLFPS CHCRM	5.7	55.0	1.0	38.3	6.0	6.7	6.7	6.3	6.3	6.0	6.3
DTT TALL FESCUE MIX	3.3	51.7	16.3	35.3	6.7	7.0	5.3	5.7	6.7	6.7	6.3
CRS MIX #1	3.7	46.7	4.7	35.0	5.3	6.3	6.0	6.0	6.3	7.0	6.2
KINGDOM	2.3	59.0	22.7	34.3	6.0	7.7	5.7	6.0	5.7	6.0	6.2
BULLSEYE	3.0	61.7	20.0	23.3	6.3	6.3	5.3	5.7	6.7	6.0	6.1
RESOLUTE (7H7)	3.7	84.7	15.7	7.3	4.7	7.3	6.0	6.3	6.0	6.0	6.1
SOUTHERN MIXTURE	3.7	46.0	3.0	37.3	6.3	6.7	5.7	5.7	6.3	5.7	6.1
DTTHO TF/KBG MIX	2.0	69.0	26.7	10.7	6.3	7.3	5.0	5.7	6.3	5.3	6.0
MNHD-15	4.0	81.7	12.3	11.7	5.0	7.7	5.7	5.7	5.3	6.3	5.9
BGR-TF3	3.0	80.0	17.3	23.3	5.7	6.3	5.3	4.7	6.7	6.0	5.8
VITALITY DOUBLE	2.7	46.7	3.7	55.0	6.0	6.3	5.7	5.7	5.3	5.7	5.8
VITALITY LOW	3.7	55.7	7.0	39.3	5.0	6.3	5.0	5.3	6.0	6.3	5.7
SPARTAN II	3.3	45.0	5.7	34.3	4.7	5.7	5.7	5.0	6.0	5.7	5.4
CS MIX	3.3	69.7	8.3	33.7	5.0	6.0	4.7	4.7	6.0	5.0	5.2
QUATRO	5.0	93.3	4.3	3.3	4.7	5.0	5.7	5.3	5.3	4.3	5.1
DLFPS SHHM	5.3	73.3	4.0	26.0	4.7	6.3	5.7	5.0	4.3	4.0	5.0
A-SFT	2.3	83.3	36.7	13.3	5.7	6.0	4.3	4.3	4.3	4.7	4.9
KY-31 E+	3.3	89.7	1.7	3.3	4.7	4.3	4.7	6.3	4.0	3.7	4.6
BEWITCHED	3.0	65.7	86.7	27.0	4.7	6.3	3.3	3.3	3.7	5.3	4.4
DLFPS CHCRSH	3.7	87.7	34.3	4.3	4.7	5.3	4.3	4.0	4.0	4.3	4.4
RADAR	3.7	94.3	40.0	4.0	5.7	4.7	3.7	4.0	4.0	4.7	4.4
NATURAL KNIT ® PRG MIX	5.0	81.7	18.3	20.0	5.0	6.0	3.7	4.0	3.0	4.3	4.3
NORTHERN MIXTURE	4.0	88.3	16.0	4.0	5.3	5.3	4.3	3.3	3.3	3.3	4.2
CHANTILLY	5.3	96.0	31.7	4.7	5.0	5.3	3.3	3.7	3.3	3.3	4.0
DUTCH WHITE CLOVER	4.0	69.7	11.0	17.0	4.7	5.0	5.3	4.0	2.0	2.0	3.8
KENBLUE	1.7	93.7	75.0	5.7	4.0	4.3	2.3	1.0	1.0	1.7	2.4
LSD VALUE	1.4	103.7	26.7	86.9	1.0	1.5	1.5	1.5	1.4	1.3	0.8
C.V. (%)	22.9	41.9	93.2	116.7	11.4	13.9	17.2	18.1	16.9	15.6	9.5

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 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/
2017 DATA

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

NAME	SPRING GREENUP	PERCENT GROUND COVER		WEED RATINGS		QUALITY RATINGS					MEAN
		FALL	SUMMER	FALL	MAY	JUN	JUL	AUG	SEP	OCT	
DLFPS TFAM	4.7	97.7	1.3	2.7	7.0	7.3	7.7	8.0	8.0	7.0	7.5
CRS MIX #3	5.7	94.3	1.3	1.7	6.7	7.0	7.3	7.7	7.0	7.7	7.2
DLFPS TF-A	4.0	93.7	9.7	3.3	7.7	7.3	6.0	6.7	7.0	7.0	6.9
DLFPS TFASTC	4.3	95.0	1.0	2.3	6.3	6.7	6.7	7.0	6.7	7.7	6.8
BULLSEYE	3.7	94.3	20.7	5.0	7.0	7.3	6.0	6.3	7.0	6.3	6.7
YAAK	2.0	95.3	4.0	13.3	7.0	6.7	7.3	7.3	6.3	5.3	6.7
CRS MIX #1	5.0	76.7	21.7	12.3	6.0	7.7	6.0	6.0	6.3	6.3	6.4
CRS MIX #2	5.7	75.0	23.0	26.0	5.7	7.3	6.0	6.7	6.3	6.3	6.4
DLFPS CHCRM	5.0	96.0	1.3	2.0	6.3	6.3	6.3	6.7	6.3	6.3	6.4
DTTHO TF/KBG MIX	3.3	71.7	36.0	5.3	6.7	7.3	6.0	5.7	6.3	6.3	6.4
MNHD-15	5.3	77.0	17.3	15.0	5.7	7.3	6.3	6.0	6.0	6.3	6.3
VITALITY DOUBLE	3.0	76.7	25.0	8.3	6.3	7.7	5.3	5.7	6.3	6.3	6.3
VITALITY LOW	5.3	88.7	5.7	10.0	5.7	6.3	6.7	6.0	6.0	6.0	6.1
SOUTHERN MIXTURE	4.0	78.0	8.7	17.0	6.3	6.0	6.3	6.3	6.3	4.7	6.0
SPARTAN II	5.0	69.7	8.7	14.3	5.7	6.3	6.7	6.0	5.3	6.0	6.0
CS MIX	5.3	75.3	25.3	21.0	6.7	6.7	5.0	5.7	5.7	6.0	5.9
DLFPS SHHM	5.7	88.7	4.3	11.7	5.7	7.0	6.3	6.3	5.0	5.0	5.9
KINGDOM	3.7	70.7	33.3	10.3	6.7	6.3	5.3	5.0	6.3	6.0	5.9
RESOLUTE (7H7)	5.7	61.7	33.3	26.7	5.0	8.0	5.7	5.0	4.7	5.7	5.7
A-SFT	4.0	68.3	21.3	12.3	6.0	7.0	5.3	3.7	5.7	6.0	5.6
DLFPS CHCRSH	4.7	87.7	11.0	10.3	5.7	5.3	5.3	5.7	5.7	5.7	5.6
DTT TALL FESCUE MIX	3.7	75.0	24.0	19.3	5.3	6.7	5.3	4.7	6.0	5.7	5.6
BGR-TF3	4.3	61.7	41.7	17.7	6.0	6.0	4.7	4.3	6.0	6.0	5.5
RADAR	4.3	91.0	6.7	17.3	6.0	5.3	4.7	5.3	6.0	5.7	5.5
KY-31 E+	4.0	94.0	7.7	14.3	4.7	3.7	6.0	6.3	6.0	4.3	5.2
NORTHERN MIXTURE	4.0	61.7	60.0	35.0	5.0	6.0	4.7	4.3	4.7	4.7	4.9
CHANTILLY	5.0	80.0	16.7	28.3	5.7	5.7	4.3	4.3	4.7	4.0	4.8
NATURAL KNIT ® PRG MIX	4.7	51.7	38.3	26.7	4.7	5.7	4.3	3.3	4.7	5.3	4.7
QUATRO	4.7	60.0	28.3	43.3	4.3	5.0	4.7	4.0	4.7	4.0	4.4
BEWITCHED	5.3	10.0	90.0	83.3	5.0	6.3	3.0	2.7	3.0	4.7	4.1
DUTCH WHITE CLOVER	4.7	23.3	20.0	86.7	5.0	4.0	5.3	5.7	1.7	1.7	3.9
KENBLUE	4.3	7.0	90.0	88.3	6.0	5.0	3.0	2.3	1.7	2.0	3.3
LSD VALUE	2.8	26.9	30.4	17.0	1.4	1.2	1.5	1.5	1.5	1.3	0.8
C.V. (%)	25.7	22.9	79.7	52.2	13.2	11.4	16.2	17.1	16.7	15.2	9.6

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 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/ 2017 DATA

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

NAME	PERCENT GROUND COVER	QUALITY RATINGS						MEAN
	FALL	MAY	JUN	JUL	AUG	SEP	OCT	
DLFPS TF-A	99.0	6.0	6.3	7.0	7.0	7.7	7.7	6.9
VITALITY DOUBLE	99.0	6.0	6.3	7.3	7.3	7.3	7.3	6.9
CRS MIX #1	94.7	6.3	7.0	6.7	6.3	7.0	7.7	6.8
DTTHO TF/KBG MIX	99.0	6.3	6.3	7.0	7.0	7.0	7.0	6.8
MNHD-15	91.7	6.3	6.7	7.0	7.0	7.0	7.0	6.8
BGR-TF3	99.0	5.7	5.7	6.3	7.7	7.7	7.3	6.7
CRS MIX #2	89.3	6.3	6.7	6.3	6.7	7.3	7.0	6.7
DTT TALL FESCUE MIX	99.0	6.0	6.0	7.0	7.0	7.0	7.0	6.7
KINGDOM	99.0	5.7	6.0	7.0	7.0	7.7	7.0	6.7
SOUTHERN MIXTURE	99.0	5.7	6.0	7.0	7.0	6.7	7.0	6.6
VITALITY LOW	97.7	6.3	7.3	6.3	6.3	6.3	7.0	6.6
BULLSEYE	99.0	5.7	6.0	6.7	7.0	6.7	7.0	6.5
YAAK	99.0	6.0	6.7	6.7	7.0	6.7	6.0	6.5
A-SFT	99.0	5.7	6.0	6.3	7.0	7.0	6.7	6.4
CHANTILLY	99.0	6.7	7.0	6.0	6.0	6.3	6.3	6.4
CS MIX	97.7	5.7	6.3	7.0	6.0	6.3	7.0	6.4
DLFPS TFASTC	99.0	6.3	6.0	5.7	6.7	7.0	7.0	6.4
NORTHERN MIXTURE	99.0	5.7	6.3	7.0	6.3	6.0	7.0	6.4
BEWITCHED	94.7	5.3	5.7	7.0	6.3	6.3	7.0	6.3
DLFPS CHCRSH	99.0	5.7	6.7	6.0	6.0	6.7	6.7	6.3
RADAR	99.0	5.7	6.3	6.3	6.0	6.7	7.0	6.3
KY-31 E+	99.0	6.0	6.0	7.0	6.0	6.0	6.3	6.2
DLFPS CHCRM	96.0	5.7	6.3	6.0	5.7	6.0	7.0	6.1
KENBLUE	96.0	6.0	6.0	6.3	6.3	5.3	6.0	6.0
SPARTAN II	84.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0
RESOLUTE (7H7)	88.3	5.3	6.3	6.0	6.0	6.0	6.0	5.9
DLFPS TFAM	91.0	5.3	5.7	5.0	5.7	5.0	5.7	5.4
NATURAL KNIT ® PRG MIX	93.0	5.3	5.0	5.3	5.3	5.0	6.3	5.4
QUATRO	71.7	5.0	6.0	4.7	5.3	5.0	5.7	5.3
DLFPS SHHM	35.0	4.3	4.0	4.7	4.3	4.0	4.3	4.3
DUTCH WHITE CLOVER	10.0	3.7	4.3	4.7	5.0	3.7	4.0	4.2
CRS MIX #3	26.7	4.0	4.3	4.7	4.0	3.0	3.7	3.9
LSD VALUE	18.1	1.6	1.5	0.9	0.8	1.1	1.1	0.7
C.V. (%)	13.4	13.6	13.3	9.2	7.9	11.5	10.5	7.2

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

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

TABLE 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/
2017 DATA

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

NAME	PERCENT GROUND COVER	QUALITY RATINGS						MEAN
	FALL	MAY	JUN	JUL	AUG	SEP	OCT	
KINGDOM	99.0	7.3	7.3	6.7	7.0	8.0	7.7	7.3
VITALITY LOW	98.7	7.3	7.0	6.7	6.7	7.3	7.0	7.0
SOUTHERN MIXTURE	98.7	6.7	6.7	7.0	7.0	7.0	7.0	6.9
A-SFT	99.0	6.7	7.0	6.3	7.0	7.3	6.7	6.8
DLFPS TF-A	99.0	6.3	5.7	7.0	7.0	7.7	7.3	6.8
DTTHO TF/KBG MIX	99.0	6.0	6.0	7.0	7.0	7.3	7.3	6.8
BULLSEYE	99.0	6.7	6.0	6.7	7.0	7.0	7.0	6.7
VITALITY DOUBLE	99.0	6.0	6.0	6.3	7.0	7.3	7.3	6.7
YAAK	99.0	6.0	7.0	6.3	7.0	7.0	6.7	6.7
BEWITCHED	97.0	5.7	6.0	7.0	7.0	7.0	7.0	6.6
BGR-TF3	99.0	6.0	6.0	6.3	7.0	7.3	7.0	6.6
DTT TALL FESCUE MIX	99.0	6.0	6.0	6.0	7.0	7.3	7.0	6.6
RADAR	96.0	6.7	6.7	6.0	6.3	7.0	7.0	6.6
DLFPS TFASTC	99.0	7.0	6.0	6.3	6.3	7.3	6.0	6.5
KY-31 E+	99.0	6.0	6.7	7.0	6.3	6.3	6.7	6.5
CHANTILLY	97.7	6.3	6.3	6.0	6.3	6.7	7.0	6.4
DLFPS CHCRSH	97.7	6.7	6.3	6.3	6.0	6.7	6.7	6.4
NORTHERN MIXTURE	99.0	6.3	6.7	6.7	6.0	6.0	7.0	6.4
CS MIX	94.7	6.3	6.3	6.3	6.0	6.7	6.3	6.3
KENBLUE	98.7	6.0	6.0	7.0	6.7	5.7	6.0	6.2
SPARTAN II	74.3	6.0	6.0	6.0	5.3	6.3	6.7	6.1
CRS MIX #2	98.3	5.7	5.3	5.7	6.3	6.3	6.0	5.9
DLFPS TFAM	97.7	6.0	6.0	5.7	6.0	6.3	5.7	5.9
RESOLUTE (7H7)	58.3	5.7	6.3	5.7	5.3	6.0	5.0	5.7
MNHD-15	80.0	5.0	5.0	5.7	5.7	5.7	6.7	5.6
DLFPS CHCRM	88.3	5.0	5.0	5.3	6.0	5.7	5.7	5.4
NATURAL KNIT ® PRG MIX	89.7	4.3	5.3	5.7	5.7	4.7	6.3	5.3
QUATRO	56.7	4.7	5.3	4.7	5.0	5.3	5.0	5.0
CRS MIX #1	76.7	4.3	4.7	4.3	4.7	5.3	5.0	4.7
DLFPS SHHM	23.3	3.7	4.3	5.0	4.7	3.3	3.3	4.1
DUTCH WHITE CLOVER	23.3	3.3	4.0	4.3	5.0	3.7	3.7	4.0
CRS MIX #3	21.7	3.3	3.3	4.0	4.3	3.3	3.3	3.6
LSD VALUE	18.7	1.4	1.0	1.0	0.7	0.9	0.8	0.6
C.V. (%)	14.3	15.0	11.1	10.5	7.6	9.8	8.4	6.9

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

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

TABLE 5. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT COLLEGE PARK, MD 1/
2017 DATA

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

NAME	STEM RUST	%ANNUAL WEEDS WINTER	PERCENT GROUND COVER JUNE	PERCENT WEEDS OCTOBER	JUL	QUALITY RATINGS			OCT	MEAN
						AUG	SEP			
CRS MIX #2	9.0	88.3	78.3	3.3	5.3	5.7	6.3	5.7	5.8	
RADAR	8.7	43.3	78.3	3.3	5.0	5.7	6.3	6.0	5.8	
CRS MIX #1	9.0	71.7	56.7	4.7	5.7	5.0	6.3	5.7	5.7	
CRS MIX #3	9.0	31.7	86.7	7.7	5.7	4.7	6.0	6.0	5.6	
VITALITY LOW	9.0	73.3	71.7	6.7	5.3	5.0	6.0	6.0	5.6	
DLFPS TFAM	7.0	6.7	75.0	6.3	5.3	5.0	5.7	6.0	5.5	
MNHD-15	9.0	66.7	61.7	7.7	5.0	4.7	6.0	5.7	5.3	
SPARTAN II	9.0	45.0	80.0	8.7	5.7	4.7	5.3	5.3	5.3	
DLFPS CHCRM	9.0	15.3	81.7	9.3	5.0	5.0	5.3	5.3	5.2	
VITALITY DOUBLE	6.7	16.0	51.7	6.7	4.7	4.7	6.0	5.3	5.2	
BGR-TF3	6.7	20.0	43.3	6.3	5.0	4.3	5.3	5.0	4.9	
DLFPS CHCRSH	9.0	33.3	75.0	6.3	4.3	4.7	5.7	5.0	4.9	
DLFPS TFASTC	6.3	15.0	63.3	12.7	4.3	4.3	5.7	5.0	4.8	
DLFPS SHHM	9.0	25.0	70.0	12.0	4.3	4.3	5.0	5.0	4.7	
BULLSEYE	5.7	17.7	46.7	7.0	4.3	4.3	5.0	4.7	4.6	
CHANTILLY	9.0	21.7	68.3	8.3	3.7	4.7	5.0	5.0	4.6	
RESOLUTE (7H7)	9.0	63.3	60.0	16.3	5.0	4.3	4.7	4.3	4.6	
DTT TALL FESCUE MIX	5.7	12.7	36.7	14.7	4.3	4.0	5.0	4.7	4.5	
NORTHERN MIXTURE	9.0	30.0	73.3	13.3	4.0	4.3	4.7	4.7	4.4	
CS MIX	8.7	51.7	63.3	9.7	4.0	4.0	4.7	4.7	4.3	
SOUTHERN MIXTURE	8.3	8.3	55.0	7.3	4.0	4.3	4.7	4.3	4.3	
DLFPS TF-A	6.3	25.0	38.3	15.0	4.0	3.3	5.0	4.3	4.2	
DTTHO TF/KBG MIX	6.3	33.3	35.0	18.3	4.0	3.0	4.7	4.3	4.0	
QUATRO	9.0	41.7	48.3	27.7	3.3	3.3	3.7	3.7	3.5	
KINGDOM	5.3	31.7	30.0	40.0	3.7	3.0	3.7	3.3	3.4	
A-SFT	5.3	20.7	25.0	36.0	3.0	3.0	3.3	3.0	3.1	
KENBLUE	3.0	88.3	50.0	15.0	3.0	3.7	2.7	3.0	3.1	
KY-31 E+	5.7	5.3	76.7	19.0	3.0	3.0	3.0	3.0	3.0	
YAAK	9.0	10.0	91.7	12.7	2.3	2.7	3.0	3.0	2.8	
BEWITCHED	4.7	90.0	5.0	68.3	2.3	2.3	2.3	2.3	2.3	
NATURAL KNIT ® PRG MIX	3.7	5.0	28.3	66.7	2.3	2.0	2.3	2.3	2.3	
DUTCH WHITE CLOVER	7.7	75.0	31.7	80.0	1.7	1.7	2.0	2.0	1.8	
LSD VALUE	1.0	13.5	18.7	21.4	0.9	0.9	1.2	1.0	0.8	
C.V. (%)	8.7	24.8	21.3	75.1	14.4	14.5	16.7	14.8	12.6	

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 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT EAST LANSING, MI 1/
2017 DATA

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

NAME	SPRING GREENUP	PERCENT GROUND COVER		MAY	JUN	QUALITY RATINGS				MEAN
		FALL				JUL	AUG	SEP	OCT	
SPARTAN II	2.3	99.0		6.7	6.7	7.3	7.0	7.0	7.0	6.9
CRS MIX #2	2.7	99.0		6.3	6.3	7.0	7.0	6.7	6.7	6.7
CRS MIX #3	5.3	99.0		5.7	6.3	6.7	7.0	6.7	7.0	6.6
QUATRO	3.3	97.7		5.7	6.0	7.0	7.0	7.0	6.7	6.6
CRS MIX #1	2.7	97.7		6.0	6.0	7.0	6.7	6.3	7.0	6.5
DLFPS SHHM	5.3	99.0		6.7	6.3	6.7	6.7	6.3	6.3	6.5
MNHD-15	3.0	99.0		5.7	6.3	6.7	7.0	6.7	6.7	6.5
RESOLUTE (7H7)	3.0	99.0		5.7	6.3	6.3	6.7	6.7	6.3	6.3
VITALITY LOW	3.3	96.3		6.0	5.7	6.7	6.3	6.3	6.7	6.3
CS MIX	3.0	93.3		5.0	5.7	6.0	6.7	6.7	6.3	6.1
KY-31 E+	4.3	93.3		6.0	5.7	5.3	6.0	5.7	6.0	5.8
DLFPS CHCRSH	3.7	97.7		5.3	5.3	6.0	5.7	6.0	5.7	5.7
DUTCH WHITE CLOVER	6.3	94.7		5.3	5.3	5.0	5.7	5.3	6.0	5.4
DLFPS TFAM	7.3	78.3		7.0	5.7	4.7	5.0	4.7	5.0	5.3
DTTHO TF/KBG MIX	4.3	88.3		5.0	5.0	4.7	5.7	5.3	5.3	5.2
KENBLUE	3.3	92.7		5.0	4.3	4.7	6.0	5.3	6.0	5.2
DLFPS TFASTC	5.7	88.3		5.3	5.3	5.0	5.3	4.3	5.0	5.1
SOUTHERN MIXTURE	4.0	78.3		4.7	5.0	4.7	5.7	5.0	5.7	5.1
RADAR	3.7	70.0		5.0	5.0	5.7	5.3	5.0	4.0	5.0
VITALITY DOUBLE	4.0	85.0		4.7	5.0	4.7	5.3	4.7	5.3	4.9
DLFPS CHCRM	7.7	56.7		7.0	5.3	5.0	4.0	3.7	4.0	4.8
DLFPS TF-A	4.3	88.3		4.0	5.0	4.3	5.3	5.0	5.0	4.8
CHANTILLY	3.7	83.3		3.3	3.7	4.7	5.3	5.0	5.3	4.6
BGR-TF3	4.7	81.7		4.3	4.7	4.0	5.0	4.3	4.7	4.5
BULLSEYE	4.7	78.3		4.3	4.7	4.0	5.0	4.3	4.7	4.5
NORTHERN MIXTURE	5.0	86.7		4.7	3.7	4.7	5.0	4.3	4.7	4.5
DTT TALL FESCUE MIX	4.3	70.0		3.3	5.0	4.3	4.3	4.3	5.0	4.4
KINGDOM	3.7	78.3		3.7	4.3	4.0	4.7	4.3	5.0	4.3
A-SFT	4.3	60.0		3.7	4.3	3.7	4.3	4.0	4.3	4.1
NATURAL KNIT ® PRG MIX	4.7	56.7		3.3	3.0	4.3	4.3	3.7	4.3	3.8
BEWITCHED	3.7	70.0		3.0	3.0	3.3	4.0	4.0	4.0	3.6
YAAK	9.0	50.0		5.3	3.7	2.7	2.3	2.0	4.3	3.4
	.	.		.	.	.	.	.	.	.
LSD VALUE	1.0	15.3		1.0	1.2	1.1	0.8	0.8	0.8	0.7
C.V. (%)	14.9	11.5		13.3	14.1	13.7	9.2	10.4	9.3	8.8

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 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT ST. PAUL, MN 1/
2017 DATA

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

NAME	PERCENT GROUND COVER			PERCENT WEED RATINGS			QUALITY RATINGS					MEAN
	SPRING	SUMMER	FALL	SPRING	SUMMER	FALL	JUN	JUL	AUG	SEP	OCT	
CRS MIX #1	75.3	77.3	85.3	24.0	22.0	14.7	4.0	5.7	5.7	5.7	6.3	5.5
NORTHERN MIXTURE	74.7	81.7	95.7	25.0	18.0	4.3	4.3	4.7	6.7	5.7	6.3	5.5
RADAR	71.7	80.0	85.0	26.3	18.3	14.3	3.0	5.0	6.3	5.3	6.7	5.3
YAAK	96.3	90.7	86.0	3.7	8.0	12.0	6.0	6.0	5.7	4.3	4.7	5.3
DLFPS CHCRSH	72.7	78.3	83.7	21.0	20.3	16.3	3.7	4.7	5.7	5.0	6.3	5.1
MNHD-15	75.7	75.0	74.3	22.0	24.7	25.3	3.7	5.7	5.7	4.7	6.0	5.1
CHANTILLY	65.3	73.7	86.0	33.3	25.0	14.0	3.3	4.7	5.3	5.0	6.0	4.9
CS MIX	70.7	78.3	84.0	28.7	21.0	15.0	2.7	5.0	5.3	5.3	6.3	4.9
VITALITY LOW	67.3	75.3	84.3	26.3	23.0	15.7	2.7	5.0	5.3	5.7	6.0	4.9
KINGDOM	74.0	81.7	89.3	25.7	18.0	10.0	3.7	5.0	4.3	4.3	6.0	4.7
CRS MIX #2	74.3	66.3	58.7	20.7	32.0	41.3	3.7	5.3	5.0	3.7	5.0	4.5
VITALITY DOUBLE	82.3	85.3	90.3	17.3	14.0	9.3	3.7	5.0	4.3	3.7	5.7	4.5
RESOLUTE (7H7)	76.0	73.7	72.0	15.7	23.7	27.0	2.7	5.0	4.7	4.0	5.7	4.4
SOUTHERN MIXTURE	80.3	87.0	92.7	17.7	11.7	7.3	3.0	4.7	4.7	4.0	5.0	4.3
DLFPS CHCRM	77.3	82.3	94.0	20.0	15.7	5.0	2.3	4.0	4.3	4.7	5.3	4.1
DLFPS TFASTC	92.7	94.7	97.3	2.3	4.7	2.3	3.0	4.0	3.7	4.0	5.7	4.1
DTTHO TF/KBG MIX	74.0	72.0	76.0	26.0	28.0	24.0	2.7	5.0	4.0	3.7	5.3	4.1
BULLSEYE	68.3	77.3	91.3	30.7	21.0	7.0	3.3	4.3	4.0	3.3	5.0	4.0
DTT TALL FESCUE MIX	59.0	68.7	73.7	40.3	31.3	26.3	2.0	4.0	4.0	4.3	5.7	4.0
SPARTAN II	74.7	71.0	68.3	24.3	28.0	31.3	2.3	4.0	4.3	4.0	4.7	3.9
DLFPS TF-A	69.3	77.0	86.0	26.7	21.3	13.3	2.7	4.3	3.3	3.3	5.0	3.7
KY-31 E+	90.0	93.7	96.3	7.3	3.7	2.3	4.7	4.0	4.0	2.0	4.0	3.7
KENBLUE	83.0	73.3	64.3	17.0	26.3	35.7	5.0	4.0	3.7	2.3	3.0	3.6
BGR-TF3	69.7	68.0	77.3	18.3	28.0	22.3	2.0	3.7	3.0	3.3	4.7	3.3
A-SFT	58.3	65.3	77.0	41.7	34.0	22.7	2.0	3.7	3.7	2.7	4.0	3.2
QUATRO	46.3	46.3	43.7	53.0	52.0	56.3	2.0	3.0	2.7	2.3	3.7	2.7
BEWITCHED	38.7	41.3	43.7	61.3	58.0	56.3	1.7	2.7	2.3	1.7	2.0	2.1
CRS MIX #3	74.0	78.3	80.0	18.0	19.7	15.3	1.7	1.7	2.0	2.7	2.7	2.1
NATURAL KNIT ® PRG MIX	11.7	15.7	16.0	84.0	79.3	72.0	1.7	2.0	1.7	1.3	1.0	1.5
DLFPS TFAM	69.7	80.0	90.3	10.0	12.7	5.0	1.0	1.3	1.0	1.7	2.0	1.4
DLFPS SHHM	74.7	75.3	83.3	18.3	21.0	13.3	1.0	1.7	1.3	1.3	1.3	1.3
DUTCH WHITE CLOVER	89.0	81.0	67.7	6.7	14.3	18.7	1.0	1.3	1.0	1.0	1.0	1.1
LSD VALUE	18.1	17.8	17.6	18.5	18.1	18.4	1.5	1.2	1.5	1.3	1.3	1.0
C.V. (%)	16.0	15.1	14.5	45.8	46.1	56.6	32.4	19.7	23.9	23.3	18.8	18.0

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 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT COLUMBIA, MO 1/
2017 DATA

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

NAME	GENETIC COLOR	PERCENT GROUND COVER SPRING	WEEDS SPRING	APR	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	NOV	MEAN
RADAR	6.0	97.0	10.0	6.3	6.7	6.0	6.0	6.7	6.7	6.7	6.7	6.5
VITALITY LOW	6.7	98.0	5.0	7.0	7.3	6.0	5.7	7.0	6.3	6.3	6.7	6.5
DLFPS CHCRM	6.3	98.0	6.7	7.0	7.0	6.0	5.7	6.7	6.0	6.0	6.3	6.3
CRS MIX #1	5.0	98.0	15.0	5.7	6.0	6.3	5.7	6.3	5.7	5.7	6.3	6.0
CRS MIX #2	6.7	98.0	12.7	6.3	6.3	6.3	5.7	6.0	6.0	5.7	6.0	6.0
DLFPS TFAM	6.0	98.0	6.7	5.7	6.0	5.7	6.0	6.0	6.3	6.0	6.3	6.0
DLFPS TFASTC	6.7	98.0	8.3	6.3	5.7	6.3	5.7	6.0	6.0	6.0	5.7	6.0
DLFPS CHCRSH	5.7	98.0	9.3	6.7	6.3	5.3	5.3	6.0	5.3	6.0	6.3	5.9
DLFPS TF-A	7.3	98.0	10.0	7.0	6.3	6.0	5.7	5.7	5.7	5.3	5.7	5.9
KINGDOM	6.7	98.0	10.0	6.7	7.0	6.7	5.3	5.7	5.0	5.3	5.3	5.9
BULLSEYE	6.0	95.3	9.3	6.0	6.3	6.0	5.3	5.3	5.7	5.7	6.3	5.8
MNHD-15	6.3	98.0	9.3	7.0	7.0	6.3	5.0	5.7	5.7	5.3	4.7	5.8
VITALITY DOUBLE	6.3	96.0	8.3	5.7	6.0	6.0	5.3	6.0	5.3	5.7	6.3	5.8
BGR-TF3	6.7	98.0	8.3	6.0	5.7	6.0	5.3	5.7	5.7	5.7	5.7	5.7
CRS MIX #3	5.7	89.3	13.3	6.0	5.7	5.0	5.3	5.7	5.7	6.0	6.0	5.7
CS MIX	6.7	92.0	13.3	5.3	6.3	5.7	5.3	5.7	5.7	5.7	5.7	5.7
DTTHO TF/KBG MIX	7.0	95.3	8.7	6.0	6.7	6.3	5.7	5.3	5.0	5.0	5.3	5.7
CHANTILLY	6.3	98.0	11.7	6.0	6.3	5.7	5.3	6.0	5.0	5.3	5.3	5.6
RESOLUTE (7H7)	5.3	95.3	11.0	6.3	6.0	5.3	5.3	5.3	5.7	5.0	5.0	5.5
KENBLUE	6.0	95.3	20.0	5.3	6.7	6.0	5.0	5.3	5.0	5.0	4.7	5.4
SPARTAN II	5.3	98.0	10.0	4.7	5.3	6.0	5.0	5.3	5.0	5.0	5.0	5.2
YAAK	5.0	96.3	15.0	6.0	5.0	5.3	4.7	4.7	4.7	5.3	5.0	5.1
DTT TALL FESCUE MIX	6.3	97.0	5.0	5.7	5.7	5.0	4.7	4.7	4.7	4.7	5.0	5.0
NATURAL KNIT ® PRG MIX	6.7	97.0	10.0	6.7	6.3	5.0	4.7	4.7	4.3	4.3	4.0	5.0
NORTHERN MIXTURE	6.0	87.7	20.0	5.0	5.3	5.0	4.7	5.0	4.7	4.7	5.3	5.0
SOUTHERN MIXTURE	7.0	93.7	20.0	5.0	5.7	5.3	4.3	4.7	5.0	5.0	5.0	5.0
A-SFT	6.3	97.0	6.0	6.0	5.7	5.0	4.3	4.3	4.7	4.7	4.7	4.9
BEWITCHED	6.3	84.3	20.0	4.3	5.3	5.7	4.7	5.0	4.7	4.7	4.3	4.8
KY-31 E+	4.3	97.0	7.7	5.0	4.7	5.0	4.7	4.7	5.0	5.0	4.7	4.8
QUATRO	6.0	94.3	15.0	5.0	6.0	6.3	4.7	4.7	3.7	3.7	3.7	4.7
DLFPS SHHM	6.0	87.7	16.7	4.3	5.0	4.7	4.7	4.3	4.0	4.0	3.7	4.3
DUTCH WHITE CLOVER	6.0	68.3	40.0	3.7	4.0	3.7	3.3	3.0	2.7	2.7	2.3	3.2
LSD VALUE	2.2	15.6	21.1	2.2	2.9	1.9	1.1	1.5	1.1	1.1	1.0	0.9
C.V. (%)	14.6	7.7	72.9	18.1	18.0	14.6	11.3	15.0	12.9	12.4	12.4	9.8

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

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

TABLE 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT COLUMBIA (ANCILLARY), MO 1/
2017 DATA

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

NAME	GENETIC COLOR	PERCENT GROUND COVER SPRING	PERCENT WEEDS SPRING	APR	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	NOV	MEAN
DLFPS TFAM	6.7	98.0	8.7	7.3	7.0	6.3	6.3	6.7	6.3	6.3	6.7	6.6
CRS MIX #1	6.3	97.0	16.7	6.7	7.0	6.3	6.0	6.7	6.7	6.7	6.0	6.5
DLFPS CHCRM	7.0	98.0	6.3	7.7	7.0	5.7	5.7	6.7	6.0	6.7	6.7	6.5
DLFPS TFASTC	7.3	98.0	4.3	7.3	6.0	5.7	6.0	6.7	7.3	6.3	6.3	6.5
DTTHO TF/KBG MIX	7.0	98.0	9.3	6.3	6.7	7.0	6.0	6.7	6.7	6.0	6.7	6.5
VITALITY LOW	6.0	98.0	11.7	7.0	6.7	5.3	5.7	5.7	6.7	7.0	7.7	6.5
RADAR	6.3	98.0	8.7	6.7	7.0	5.3	5.7	6.3	6.3	6.7	7.3	6.4
DLFPS TF-A	6.3	98.0	6.7	5.7	6.0	6.7	6.3	6.3	6.3	6.7	6.7	6.3
SOUTHERN MIXTURE	5.7	98.0	5.0	6.3	6.3	6.3	6.0	6.3	6.3	6.3	6.7	6.3
BULLSEYE	6.3	97.0	8.3	6.3	6.3	6.3	5.3	6.3	6.3	6.0	6.3	6.2
DLFPS CHCRSH	6.3	97.0	10.0	6.0	6.7	6.0	5.7	5.7	6.3	5.7	6.7	6.1
BEWITCHED	6.0	97.0	21.7	6.3	6.7	7.0	5.7	6.0	5.3	5.3	5.3	6.0
MNHD-15	6.0	98.0	10.0	5.7	7.0	6.3	5.7	6.3	6.0	5.7	5.7	6.0
VITALITY DOUBLE	6.0	98.0	5.0	5.3	6.3	5.7	5.7	6.3	6.3	6.3	6.3	6.0
CS MIX	6.0	97.0	15.0	5.3	6.7	5.7	5.0	5.7	6.3	6.0	6.7	5.9
DTT TALL FESCUE MIX	7.0	97.0	9.3	6.3	6.3	6.0	5.7	6.0	5.7	5.7	5.7	5.9
CRS MIX #2	5.7	98.0	16.7	5.7	6.0	5.7	5.7	6.0	6.0	6.0	5.7	5.8
CRS MIX #3	6.0	87.7	23.3	5.7	6.0	6.0	5.7	6.0	6.0	5.7	5.0	5.8
KINGDOM	7.7	98.0	13.3	6.7	6.0	6.0	5.3	6.0	5.7	5.3	5.7	5.8
KENBLUE	6.3	97.0	20.0	6.3	6.3	6.7	5.3	5.7	5.0	5.3	5.0	5.7
NORTHERN MIXTURE	6.3	97.0	6.0	6.0	6.7	5.7	5.3	6.0	5.3	5.3	5.3	5.7
A-SFT	7.0	98.0	11.7	6.3	6.3	6.0	5.3	5.3	5.0	5.3	5.3	5.6
BGR-TF3	6.3	98.0	11.7	5.7	6.3	6.0	5.3	5.7	5.3	5.3	5.3	5.6
RESOLUTE (7H7)	5.3	96.0	18.3	5.0	5.7	6.7	5.3	6.0	5.7	5.3	5.3	5.6
DLFPS SHHM	6.0	88.3	23.3	6.7	6.7	5.7	5.0	5.3	5.0	5.0	4.3	5.5
SPARTAN II	4.7	98.0	16.7	5.3	5.7	5.7	5.3	5.7	5.7	5.3	5.3	5.5
CHANTILLY	6.0	98.0	9.3	5.0	5.0	5.0	4.7	5.3	4.7	5.7	5.3	5.1
QUATRO	6.0	97.0	30.0	6.0	6.3	6.0	5.0	5.0	4.3	4.0	3.7	5.0
YAAK	6.0	91.7	15.0	5.7	5.3	5.0	5.0	4.7	5.0	5.0	4.7	5.0
NATURAL KNIT ® PRG MIX	6.3	93.3	25.0	6.3	6.7	5.7	4.7	4.3	3.7	4.0	4.0	4.9
KY-31 E+	4.0	94.3	6.0	4.7	4.0	5.7	4.7	5.0	4.3	5.3	5.0	4.8
DUTCH WHITE CLOVER	6.3	60.0	55.0	3.3	3.0	3.0	2.3	2.7	2.0	2.3	2.0	2.6
LSD VALUE	1.0	9.6	9.2	1.8	1.8	1.5	1.2	1.2	1.1	1.0	1.0	0.8
C.V. (%)	9.3	6.1	41.6	15.7	15.3	13.5	12.8	12.1	12.9	11.0	11.3	9.1

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 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT RALEIGH, NC 1/
2017 DATA

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

NAME	PERCENT GROUND COVER		PERCENT WEED COVER		QUALITY RATINGS											MEAN
	SPRING GREENUP	FALL	JUNE	AUGUST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
DLFPS TFAM	4.7	91.7	1.7	10.0	3.0	3.0	3.0	4.3	5.0	6.7	4.3	3.0	4.3	5.3	6.7	4.4
CRS MIX #3	3.3	68.3	1.7	3.0	3.3	3.3	3.3	3.7	6.0	6.7	3.0	2.7	3.0	3.7	4.0	3.9
DLFPS TFASTC	4.3	76.7	6.7	25.7	3.3	3.3	4.0	4.3	5.3	6.3	2.3	2.3	3.0	4.0	4.7	3.9
BULLSEYE	4.3	50.0	58.3	61.7	3.0	3.0	3.3	4.3	4.7	4.0	2.7	2.7	3.3	4.0	4.7	3.6
BGR-TF3	3.7	48.3	56.7	65.0	3.0	3.0	3.7	3.7	4.3	3.7	2.7	2.3	3.3	3.7	4.0	3.4
VITALITY DOUBLE	3.0	35.0	60.0	71.7	3.0	3.3	3.7	4.7	4.7	4.0	2.7	2.3	3.0	3.0	3.3	3.4
DLFPS CHCRM	3.0	78.3	3.3	8.3	2.3	2.3	2.7	3.0	5.0	6.0	2.0	2.0	2.7	3.7	4.7	3.3
DLFPS SHHM	4.3	63.3	1.7	25.0	3.0	3.0	3.0	4.0	6.0	6.7	2.3	1.7	1.7	2.7	2.7	3.3
KENBLUE	2.3	71.7	55.0	41.7	2.3	2.3	3.0	4.0	4.7	4.0	2.0	2.3	3.0	3.7	4.7	3.3
YAAK	5.7	44.7	53.3	50.7	4.0	4.0	4.3	4.3	4.7	3.3	1.3	1.3	2.3	3.0	3.3	3.3
DLFPS TF-A	3.3	50.0	80.0	65.0	3.0	3.0	3.7	4.0	4.7	3.3	2.0	2.0	2.7	3.7	3.7	3.2
KY-31 E+	2.7	31.7	56.7	68.3	3.0	3.0	3.3	3.7	4.3	3.7	2.3	2.3	2.7	2.3	2.3	3.0
CRS MIX #2	2.3	50.0	58.3	33.3	2.3	2.3	2.7	3.3	4.0	3.7	2.0	1.7	2.7	3.7	3.7	2.9
SOUTHERN MIXTURE	3.3	49.3	56.7	51.7	3.3	3.3	3.3	3.7	3.7	3.0	1.3	1.3	2.3	3.0	3.3	2.9
DTTHO TF/KBG MIX	3.3	20.0	58.3	71.7	3.0	3.0	3.7	3.7	4.3	3.3	2.0	1.7	2.0	2.0	2.0	2.8
DUTCH WHITE CLOVER	3.0	61.7	3.3	13.3	1.7	1.7	2.3	3.7	5.3	5.7	2.0	1.3	1.7	2.3	3.0	2.8
KINGDOM	3.7	38.3	61.7	70.0	2.7	2.7	3.0	3.0	4.0	3.3	2.7	2.0	2.3	2.3	2.7	2.8
SPARTAN II	2.3	31.7	56.7	60.0	2.0	2.3	2.7	3.7	4.7	4.0	1.7	1.7	2.0	2.0	2.7	2.7
A-SFT	4.3	28.3	78.3	81.7	2.7	2.7	2.7	3.0	3.7	3.0	1.7	1.7	2.3	2.7	2.7	2.6
CRS MIX #1	2.0	40.0	61.7	51.7	1.3	1.3	2.0	2.3	4.3	3.3	1.7	2.3	2.3	3.0	3.7	2.5
CHANTILLY	3.7	28.3	68.3	66.7	2.0	2.0	2.3	2.7	4.3	3.3	1.7	1.7	2.0	2.0	2.7	2.4
DTT TALL FESCUE MIX	3.0	11.7	81.7	85.0	2.7	2.7	2.7	3.0	3.3	2.7	1.7	1.7	2.0	2.0	2.0	2.4
VITALITY LOW	2.3	38.3	51.7	65.0	2.3	2.3	2.3	2.7	3.3	2.7	1.3	2.0	2.0	2.7	2.7	2.4
DLFPS CHCRSH	2.3	36.7	51.7	48.3	2.0	2.0	2.3	2.0	3.7	3.3	1.3	1.3	2.3	2.7	2.7	2.3
NORTHERN MIXTURE	3.3	31.7	55.0	71.7	1.7	1.7	2.3	2.7	3.7	3.0	1.7	2.0	2.0	2.0	2.7	2.3
RADAR	2.7	30.0	61.7	68.3	2.3	2.3	2.3	2.3	3.0	2.3	1.7	1.7	2.0	2.0	2.3	2.2
RESOLUTE (7H7)	2.3	31.7	50.0	58.3	1.7	1.7	2.0	2.3	3.0	3.0	1.7	2.0	2.3	2.0	2.3	2.2
MNHD-15	2.0	26.7	53.3	45.0	1.3	1.3	1.7	2.0	3.3	3.3	1.3	2.0	2.0	2.0	2.3	2.1
CS MIX	2.7	28.3	66.7	68.3	1.7	1.7	1.7	2.0	3.3	3.3	1.7	1.3	1.7	1.7	2.3	2.0
NATURAL KNIT ® PRG MIX	3.7	5.0	86.7	80.0	1.7	1.7	2.3	3.0	3.3	2.3	1.0	1.0	1.3	1.0	1.0	1.8
QUATRO	2.0	20.0	68.3	71.7	1.3	1.7	1.7	1.7	3.0	2.7	1.3	1.3	1.7	1.7	2.0	1.8
BEWITCHED	2.0	5.0	83.3	71.7	1.3	1.3	1.7	2.0	3.3	2.7	1.0	1.0	1.7	1.0	1.0	1.6
LSD VALUE	2.2	31.9	24.7	26.6	1.6	1.6	2.1	2.3	2.2	1.4	1.1	0.9	1.7	1.8	1.9	1.2
C.V. (%)	33.8	45.3	30.9	30.8	34.0	32.9	33.6	32.9	24.5	23.9	32.4	26.2	33.2	36.0	36.0	23.9

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 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT MEAD, NE 1/
2017 DATA

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

NAME	SPRING GREENUP	PERCENT GROUND COVER		PERCENT WEED COVER		APR	MAY	JUN	QUALITY RATINGS			OCT	MEAN
		FALL	SUMMER	FALL	JUL				AUG	SEP			
BULLSEYE	5.0	99.0	16.7	66.7	4.7	4.0	4.0	3.7	4.7	4.7	4.3	4.3	
MNHD-15	3.3	96.0	26.7	70.0	3.3	3.7	4.0	3.7	5.3	4.7	4.7	4.2	
DLFPS SHHM	5.0	96.0	3.3	0.0	4.3	4.3	4.0	4.0	4.0	4.3	4.0	4.1	
DLFPS TFASTC	4.3	96.0	16.7	0.0	3.7	3.3	3.7	3.3	5.0	5.0	4.7	4.1	
QUATRO	4.0	96.0	23.3	76.7	4.3	3.7	3.7	3.7	4.7	4.7	4.3	4.1	
VITALITY DOUBLE	4.7	93.0	26.7	53.3	4.3	3.7	3.7	4.3	4.3	4.0	4.3	4.1	
BGR-TF3	4.3	82.7	13.3	70.0	4.0	4.3	3.3	3.3	4.7	4.0	4.0	4.0	
CRS MIX #2	3.3	99.0	23.3	56.7	3.7	3.3	3.3	3.7	4.3	4.7	4.7	4.0	
DLFPS CHCRM	4.0	93.0	23.3	0.0	4.3	3.7	3.3	4.7	4.3	4.3	3.7	4.0	
DLFPS CHCRSH	3.3	93.0	20.0	43.3	4.0	3.7	3.7	4.0	4.3	4.0	4.0	4.0	
DTTHO TF/KBG MIX	3.0	99.0	20.0	53.3	4.0	3.3	3.0	3.3	5.0	5.0	4.7	4.0	
DUTCH WHITE CLOVER	3.7	99.0	16.7	3.3	3.7	3.7	3.7	3.3	4.7	4.3	4.7	4.0	
KENBLUE	4.3	99.0	10.0	40.0	4.0	3.7	3.3	4.3	4.7	4.0	4.0	4.0	
KY-31 E+	4.0	99.0	16.7	63.3	4.0	4.0	3.3	3.7	4.7	4.7	4.0	4.0	
A-SFT	3.3	96.0	16.7	73.3	4.0	3.3	3.3	3.7	4.3	4.3	4.0	3.9	
DLFPS TF-A	3.3	96.0	26.7	63.3	2.7	3.7	4.3	4.0	4.3	4.0	4.0	3.9	
DLFPS TFAM	4.3	86.3	16.7	0.0	4.0	4.0	3.3	3.7	4.3	4.0	3.7	3.9	
KINGDOM	5.0	83.0	20.0	63.3	4.0	4.0	3.3	3.7	4.3	4.0	3.7	3.9	
BEWITCHED	4.0	83.0	20.0	46.7	3.7	3.7	3.3	2.7	4.7	4.3	4.0	3.8	
DTT TALL FESCUE MIX	5.0	96.0	6.7	76.7	4.0	3.7	3.3	3.7	4.3	4.0	3.7	3.8	
NATURAL KNIT ® PRG MIX	4.3	93.0	20.0	80.0	3.7	3.3	3.3	3.3	4.7	4.0	4.0	3.8	
NORTHERN MIXTURE	3.3	96.0	30.0	70.0	3.7	3.0	3.0	3.3	4.7	4.7	4.3	3.8	
VITALITY LOW	3.7	89.7	23.3	66.7	4.0	3.3	3.3	3.7	4.3	4.0	3.7	3.8	
CHANTILLY	2.7	99.0	30.0	70.0	3.7	3.0	3.3	3.0	4.3	4.7	4.0	3.7	
CRS MIX #1	4.0	99.0	16.7	63.3	3.7	3.7	3.7	3.3	4.0	4.0	3.7	3.7	
CRS MIX #3	3.3	96.0	23.3	0.0	4.0	3.3	3.0	2.7	4.3	4.0	4.3	3.7	
RADAR	3.3	96.0	33.3	60.0	3.3	3.3	3.0	3.3	4.7	4.3	4.0	3.7	
CS MIX	4.3	89.7	26.7	66.7	4.3	3.3	3.3	3.0	4.0	3.7	3.3	3.6	
SPARTAN II	3.3	90.0	26.7	43.3	3.3	3.0	3.7	3.3	4.0	4.0	3.7	3.6	
YAAK	3.0	89.7	23.3	76.7	3.3	3.0	3.3	3.3	4.3	4.0	4.0	3.6	
RESOLUTE (7H7)	3.0	93.0	26.7	56.7	3.7	3.0	3.3	3.3	4.0	4.0	3.3	3.5	
SOUTHERN MIXTURE	3.0	96.0	33.3	60.0	3.0	3.3	3.3	3.7	4.0	4.0	3.3	3.5	
LSD VALUE	3.5	31.4	40.3	27.3	2.1	2.5	2.0	3.4	2.3	2.1	1.6	1.4	
C.V. (%)	29.0	9.6	57.6	34.1	17.9	19.6	16.7	25.1	13.9	14.4	14.6	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.

TABLE 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT CORVALLIS, OR 1/
2017 DATA

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

NAME	PERCENT	%BROAD	%GRASSY	%BROAD	APR	MAY	JUN	QUALITY RATINGS				OCT	NOV	MEAN
	GROUND COVER	WEEDS	WEEDS	WEEDS				JUL	AUG	SEP				
	FALL	SUMMER	FALL	FALL										
BULLSEYE	93.3	0.7	2.3	2.3	6.7	6.7	7.0	3.7	2.0	2.0	7.0	7.0	5.3	
BGR-TF3	94.0	0.3	1.3	2.0	7.0	7.0	6.7	3.0	2.0	2.0	7.0	7.0	5.2	
DTTHO TF/KBG MIX	90.0	1.3	5.0	3.3	6.3	7.0	6.7	3.7	2.3	2.3	6.0	7.0	5.2	
A-SFT	92.7	1.7	3.7	1.3	6.7	6.7	6.7	3.0	2.3	2.3	6.0	7.0	5.1	
DLFPS CHCRM	88.7	4.0	8.0	2.0	7.0	7.0	6.3	2.7	2.3	2.3	6.7	6.7	5.1	
DLFPS TF-A	93.0	0.7	3.0	3.3	7.0	6.7	6.7	2.3	2.0	2.0	7.0	7.0	5.1	
KINGDOM	92.7	0.3	1.7	2.0	7.0	6.3	6.7	4.0	2.0	2.0	6.0	7.0	5.1	
KY-31 E+	94.3	0.7	1.0	2.0	7.0	6.0	6.3	4.0	2.0	2.0	6.3	7.0	5.1	
DLFPS TFAM	96.7	0.7	1.7	1.7	7.0	6.3	6.7	3.0	2.0	2.0	6.0	6.7	5.0	
DLFPS TFASTC	90.3	0.7	5.7	4.0	7.0	6.3	6.3	2.7	2.3	2.3	6.7	6.7	5.0	
VITALITY DOUBLE	90.3	1.3	1.3	6.0	7.0	6.7	6.3	3.0	2.0	2.0	6.3	6.3	5.0	
NORTHERN MIXTURE	89.7	3.3	1.0	7.7	6.7	6.3	5.7	2.3	2.3	2.3	6.3	7.0	4.9	
YAAK	88.3	2.7	5.0	4.3	6.7	6.0	6.0	3.7	2.0	2.0	6.0	6.7	4.9	
CHANTILLY	83.3	11.0	7.7	6.7	6.7	5.7	5.7	2.7	2.0	2.0	6.7	6.7	4.8	
DTT TALL FESCUE MIX	91.3	0.7	3.3	5.0	6.7	6.0	6.0	2.3	2.0	2.0	6.0	6.7	4.7	
RADAR	82.0	2.7	7.3	8.7	6.3	5.7	5.7	3.0	2.3	2.3	6.0	6.0	4.7	
DLFPS CHCRSH	89.3	5.0	2.7	5.7	6.3	6.0	5.3	2.7	2.0	2.0	6.0	6.3	4.6	
ENTRY 33	91.7	0.7	0.7	2.3	6.7	6.0	5.7	2.0	2.0	2.0	6.0	6.3	4.6	
SOUTHERN MIXTURE	97.3	0.7	0.3	1.7	6.3	6.0	6.0	2.0	2.0	2.0	6.0	6.3	4.6	
NATURAL KNIT ® PRG MIX	80.0	1.3	0.3	5.3	6.0	5.7	5.3	2.0	2.3	2.3	6.3	6.3	4.5	
CRS MIX #3	35.0	1.0	38.3	1.7	7.0	6.0	6.0	2.3	2.3	2.3	4.0	4.0	4.3	
CS MIX	72.3	7.7	11.7	14.0	5.7	5.3	4.3	2.7	2.0	2.0	5.7	6.3	4.3	
DLFPS SHHM	50.0	5.3	21.7	6.7	6.3	6.3	6.3	3.0	2.0	2.0	4.3	4.3	4.3	
VITALITY LOW	65.0	17.3	16.7	10.0	6.3	4.7	3.3	2.7	2.0	2.0	6.0	6.3	4.2	
ENTRY 34	74.3	11.0	9.3	13.3	6.0	4.7	4.3	2.0	2.0	2.0	6.0	6.0	4.1	
SPARTAN II	61.7	8.7	18.3	16.0	5.3	5.0	3.7	3.3	2.0	2.0	5.7	5.7	4.1	
QUATRO	61.0	13.3	23.3	12.3	5.7	4.7	3.3	3.0	2.0	2.0	5.7	5.3	4.0	
DUTCH WHITE CLOVER	2.7	1.7	51.7	4.0	6.7	6.0	6.7	2.3	2.0	2.0	2.7	2.7	3.9	
CRS MIX #1	41.7	17.0	23.3	19.0	5.0	4.0	3.7	2.7	2.0	2.0	5.3	5.3	3.8	
CRS MIX #2	48.3	23.7	12.7	28.3	5.7	4.0	3.3	2.0	2.3	2.3	4.7	5.3	3.7	
MNHD-15	20.0	28.3	30.0	35.0	5.3	4.0	3.0	2.7	2.3	2.3	4.0	4.0	3.5	
RESOLUTE (7H7)	38.3	19.0	28.3	19.0	5.3	4.3	3.3	2.7	2.0	2.0	4.3	4.3	3.5	
BEWITCHED	18.3	14.7	41.7	26.7	5.3	4.0	3.0	2.0	2.3	2.3	3.3	3.3	3.2	
KENBLUE	21.0	16.7	51.7	25.7	5.3	4.0	3.0	2.0	2.0	2.0	3.3	3.3	3.1	
LSD VALUE	15.0	8.3	10.8	12.5	0.9	0.9	1.1	1.2	1.3	1.3	0.8	1.0	0.4	
C.V. (%)	14.3	79.3	55.4	82.8	8.3	10.5	13.4	22.6	15.8	15.8	9.6	10.7	6.1	

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

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

TABLE 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT KENNETT SQUARE, PA 1/
2017 DATA

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

NAME	PERCENT SPRING	GROUND COVER FALL	DOLLAR SPOT	PERCENT WEEDS APRIL	SEPTEMBER	MAR	APR	MAY	JUN	QUALITY JUL	RATINGS AUG	SEP	OCT	NOV	MEAN
DLFPS TF-A	98.7	80.0	8.0	55.0	68.3	4.3	5.7	4.3	4.3	4.3	4.3	4.3	3.7	5.7	4.6
DLFPS TFASTC	98.0	86.7	8.0	48.3	48.3	4.0	5.3	4.3	4.3	4.3	4.7	4.0	4.0	5.3	4.5
VITALITY DOUBLE	98.7	80.0	9.0	53.3	48.3	4.0	5.0	4.3	4.3	4.7	5.0	4.3	3.7	5.0	4.5
BULLSEYE	99.0	83.3	8.3	53.3	53.3	3.3	4.3	5.0	5.0	4.0	4.3	3.7	4.0	5.7	4.4
DLFPS TFAM	99.0	78.3	9.0	60.0	70.0	3.7	5.0	4.3	4.3	4.0	4.3	4.0	3.7	5.0	4.3
BGR-TF3	98.7	78.3	8.3	70.0	66.7	3.7	4.3	4.0	4.0	4.0	4.3	4.0	3.7	4.7	4.1
CRS MIX #3	98.3	61.7	9.0	50.0	60.0	3.7	4.0	4.3	4.3	4.0	3.7	3.3	4.0	5.3	4.1
RADAR	98.7	56.7	9.0	40.0	63.3	4.0	5.3	4.7	4.7	3.7	3.7	3.0	3.3	4.7	4.1
SOUTHERN MIXTURE	98.7	61.7	8.3	40.0	61.7	4.0	5.7	4.7	4.7	3.7	3.7	3.0	3.3	4.7	4.1
DLFPS CHCRM	98.7	65.0	9.0	51.7	58.3	3.7	4.7	4.3	4.3	3.7	3.7	3.7	3.3	5.0	4.0
CRS MIX #2	99.0	60.0	9.0	51.7	70.0	3.7	4.3	4.7	4.3	3.3	3.3	3.3	3.0	4.7	3.9
DTTHO TF/KBG MIX	99.0	75.0	9.0	66.7	70.0	3.3	3.7	4.3	4.3	4.0	3.7	3.7	3.3	5.0	3.9
DTT TALL FESCUE MIX	98.7	65.0	8.3	75.0	71.7	3.0	3.7	4.0	3.7	3.7	4.0	3.7	3.0	5.0	3.7
KY-31 E+	97.7	27.3	9.0	53.3	93.3	3.7	5.0	4.3	4.3	3.3	2.3	2.7	3.0	5.0	3.7
CRS MIX #1	98.3	50.0	9.0	56.7	68.3	3.0	3.7	4.3	4.0	3.3	3.0	3.3	3.0	4.7	3.6
VITALITY LOW	98.3	50.0	9.0	65.0	78.3	3.3	4.3	4.3	4.3	3.7	3.3	2.7	2.7	4.0	3.6
A-SFT	98.3	71.7	8.0	58.3	66.7	3.0	3.3	4.0	4.0	3.7	3.3	3.0	3.0	4.0	3.5
DLFPS CHCRSH	98.7	30.0	9.0	70.0	81.7	3.0	3.7	4.0	3.7	3.7	2.7	2.7	3.0	4.0	3.4
MNHD-15	97.7	56.7	9.0	66.7	66.7	3.3	3.3	4.0	4.0	3.3	3.3	2.7	2.3	4.0	3.4
NORTHERN MIXTURE	98.3	53.3	7.7	50.7	76.7	3.3	4.7	4.0	4.0	3.0	2.7	2.0	3.0	4.0	3.4
DLFPS SHHM	98.3	33.3	9.0	54.3	77.7	3.7	4.0	4.0	4.0	3.0	2.7	2.3	2.3	4.0	3.3
KINGDOM	99.0	43.3	8.3	83.3	80.0	3.0	3.3	4.0	4.0	3.0	2.7	3.0	3.0	3.7	3.3
NATURAL KNIT ® PRG MIX	99.0	30.0	9.0	85.0	91.7	3.0	2.7	4.3	4.3	3.0	2.0	2.7	2.3	4.3	3.2
RESOLUTE (7H7)	99.0	53.3	9.0	75.0	81.7	3.0	3.3	4.0	4.0	3.3	2.7	2.3	2.7	3.3	3.2
SPARTAN II	98.3	33.3	9.0	71.7	81.7	3.0	3.3	4.0	4.0	3.3	2.7	2.7	2.7	3.0	3.2
CHANTILLY	97.7	40.0	8.3	81.7	83.3	3.0	2.7	4.0	4.0	3.3	2.7	2.0	2.3	4.0	3.1
CS MIX	97.3	38.3	8.3	61.7	73.3	3.3	3.7	4.0	4.0	3.0	2.3	2.3	3.0	2.7	3.1
QUATRO	98.0	21.7	9.0	76.0	95.3	3.3	4.0	4.0	4.0	2.7	2.3	2.3	2.0	3.0	3.1
YAAK	97.3	63.3	9.0	43.3	50.0	3.0	3.0	3.3	3.3	3.7	3.3	3.0	2.3	3.0	3.1
BEWITCHED	98.7	36.7	9.0	81.7	91.0	3.0	2.7	3.7	3.7	2.7	2.3	3.0	2.0	3.7	3.0
DUTCH WHITE CLOVER	98.7	18.3	8.3	86.7	97.0	3.0	3.0	3.7	3.3	2.3	2.0	2.3	2.0	2.3	2.7
KENBLUE	97.3	26.7	9.0	80.0	85.0	3.0	2.7	3.0	3.0	2.7	2.3	2.3	2.0	3.7	2.7
LSD VALUE	2.7	22.5	2.7	54.4	21.7	1.1	2.4	1.6	1.6	1.3	1.4	0.8	1.1	1.4	0.8
C.V. (%)	0.9	26.5	8.8	32.1	17.2	14.5	27.8	14.2	14.4	18.2	24.4	17.1	20.8	19.4	13.0

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 14. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT LOGAN, UT 1/
2017 DATA

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

NAME	SPRING GREENUP	PINK SNOW MOLD	APR	MAY	JUN	QUALITY RATINGS			SEP	OCT	MEAN
						JUL	AUG				
YAAK	8.7	8.7	6.3	5.3	5.0	7.0	5.3	6.3	4.0	5.6	
DTTHO TF/KBG MIX	6.0	6.0	5.7	8.3	7.7	5.0	2.3	1.7	2.0	4.7	
KINGDOM	5.7	5.7	4.7	8.3	8.0	4.7	2.3	2.3	2.3	4.7	
SOUTHERN MIXTURE	6.3	6.3	5.7	7.7	7.3	4.7	1.7	2.0	3.3	4.6	
MNHD-15	7.0	7.0	6.7	8.7	7.7	4.7	1.0	1.0	2.0	4.5	
VITALITY DOUBLE	5.7	5.7	5.0	7.0	7.7	4.7	1.7	2.7	3.0	4.5	
BULLSEYE	6.0	6.0	4.7	7.0	7.3	4.0	1.7	2.3	3.0	4.3	
RESOLUTE (7H7)	7.3	7.3	5.7	8.0	7.3	4.3	1.0	1.0	1.3	4.1	
A-SFT	5.3	5.3	4.7	7.3	6.3	4.0	1.7	2.0	2.0	4.0	
DLFPS TFASTC	6.0	6.0	5.0	7.3	6.0	3.3	1.3	2.3	3.0	4.0	
DTT TALL FESCUE MIX	5.0	5.0	5.0	6.7	6.7	4.0	1.7	2.0	2.0	4.0	
VITALITY LOW	7.3	7.3	6.3	7.7	6.3	3.3	1.0	1.0	2.3	4.0	
DLFPS TFAM	6.0	6.0	5.0	7.0	6.0	3.0	1.0	2.3	3.0	3.9	
KY-31 E+	6.3	6.3	5.0	4.7	5.0	3.7	2.3	3.3	3.0	3.9	
CRS MIX #1	7.7	7.7	5.7	7.7	5.7	3.7	1.0	1.0	1.7	3.8	
DLFPS CHCRSH	7.3	7.3	6.3	7.3	5.3	2.7	1.0	1.0	3.0	3.8	
DUTCH WHITE CLOVER	9.0	9.0	7.7	6.3	5.7	2.7	1.7	1.7	1.0	3.8	
RADAR	8.0	8.0	6.7	7.7	5.3	2.3	1.0	1.0	2.3	3.8	
CRS MIX #2	6.7	6.7	6.0	8.3	6.3	2.3	1.0	1.0	1.0	3.7	
DLFPS TF-A	5.7	5.7	4.3	6.7	6.7	3.3	1.3	1.7	2.0	3.7	
CRS MIX #3	8.7	8.7	5.7	6.7	5.0	4.0	1.7	1.3	1.0	3.6	
DLFPS SHHM	7.3	7.3	5.3	6.7	5.7	4.0	1.0	1.0	1.3	3.6	
SPARTAN II	7.0	7.0	6.3	6.0	6.0	3.3	1.0	1.0	1.7	3.6	
BGR-TF3	5.3	5.3	4.7	6.0	5.7	3.3	1.7	1.3	2.0	3.5	
CS MIX	7.0	7.0	5.7	7.7	5.0	2.0	1.0	1.0	2.3	3.5	
NATURAL KNIT ® PRG MIX	6.0	6.0	4.7	7.3	6.0	2.3	1.0	1.3	1.7	3.5	
NORTHERN MIXTURE	7.0	7.0	6.0	6.3	5.0	1.7	1.0	1.3	3.0	3.5	
DLFPS CHCRM	7.0	7.0	5.7	6.7	4.3	2.3	1.0	1.3	2.7	3.4	
QUATRO	8.3	8.3	6.3	6.3	5.3	2.7	1.0	1.0	1.0	3.4	
CHANTILLY	7.0	7.0	5.3	6.3	3.3	1.7	1.0	1.0	2.3	3.0	
KENBLUE	7.3	7.3	5.3	5.7	4.7	1.3	1.0	1.0	2.3	3.0	
BEWITCHED	6.0	6.0	4.3	7.3	4.3	1.0	1.0	1.0	1.3	2.9	
LSD VALUE	0.9	0.9	1.0	1.4	1.7	1.6	0.7	0.7	0.9	0.6	
C.V. (%)	9.0	9.0	11.4	11.5	16.8	29.3	30.9	26.9	25.2	10.0	

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 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT BLACKSBURG, VA 1/
2017 DATA

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

NAME	PERCENT GROUND COVER			PERCENT WEEDS	QUALITY RATINGS							MEAN
	SPRING	FALL	COVER		APR	MAY	JUN	JUL	AUG	SEP	OCT	
CRS MIX #3	99.0	99.0	92.7	7.3	6.7	6.0	8.7	6.0	8.0	8.0	8.3	7.4
DLFPS TFAM	99.0	99.0	92.7	8.3	7.3	6.7	8.7	5.0	7.7	8.0	8.7	7.4
YAAK	99.0	99.0	86.7	13.3	8.0	7.0	7.0	6.3	7.3	7.0	7.7	7.2
VITALITY DOUBLE	99.0	99.0	97.0	3.0	6.0	6.3	7.7	5.7	8.3	8.3	7.7	7.1
CRS MIX #1	99.0	99.0	91.7	8.3	5.3	5.3	8.0	6.3	8.0	8.3	8.0	7.0
DLFPS TFASTC	99.0	99.0	86.7	13.3	6.0	6.7	7.7	5.0	8.0	7.3	8.7	7.0
CRS MIX #2	99.0	99.0	91.7	8.3	5.7	5.7	8.3	5.3	7.7	8.0	7.7	6.9
RESOLUTE (7H7)	99.0	99.0	76.7	23.3	6.3	6.3	7.7	5.7	7.3	7.3	7.7	6.9
MNHD-15	99.0	99.0	93.3	6.7	5.3	5.7	8.0	5.3	7.3	7.7	8.0	6.8
BULLSEYE	99.0	99.0	92.7	7.3	6.0	6.0	8.0	5.0	7.7	6.7	7.7	6.7
DTT TALL FESCUE MIX	99.0	99.0	90.0	10.0	6.0	6.7	8.0	4.7	7.7	5.3	8.0	6.6
DTTHO TF/KBG MIX	99.0	99.0	91.7	8.3	6.3	7.0	7.7	4.7	7.3	6.3	7.0	6.6
DLFPS SHHM	99.0	96.0	91.7	15.0	6.7	6.7	8.0	6.0	6.0	5.3	6.7	6.5
SPARTAN II	99.0	99.0	90.0	10.0	6.3	5.7	6.7	4.7	6.7	7.3	8.0	6.5
CS MIX	99.0	98.3	85.0	14.0	5.7	6.0	8.3	4.7	6.3	6.7	7.3	6.4
DLFPS CHCRM	99.0	99.0	91.7	8.3	6.7	7.0	8.3	3.7	7.0	5.0	7.3	6.4
DLFPS TF-A	99.0	99.0	97.0	3.0	6.0	6.3	7.3	4.3	6.7	6.3	8.0	6.4
KENBLUE	99.0	99.0	80.0	20.0	7.0	6.3	7.7	4.7	7.3	4.3	7.3	6.4
BGR-TF3	99.0	99.0	93.3	6.7	5.7	6.3	6.7	4.3	6.3	6.7	7.3	6.2
A-SFT	99.0	99.0	89.3	10.7	6.3	6.3	7.3	4.0	6.0	6.3	6.7	6.1
KINGDOM	99.0	99.0	90.0	10.0	5.7	6.3	6.7	5.0	6.7	5.7	7.0	6.1
QUATRO	99.0	99.0	85.0	15.0	6.3	5.3	7.0	5.0	6.3	5.7	6.0	6.0
DLFPS CHCRSH	99.0	99.0	88.3	11.7	5.3	5.7	7.3	3.7	6.3	6.0	7.0	5.9
VITALITY LOW	99.0	99.0	85.0	15.0	5.7	5.7	8.3	3.0	6.3	6.7	5.7	5.9
RADAR	99.0	99.0	91.0	9.0	5.7	5.7	7.3	4.0	6.0	5.7	6.0	5.8
KY-31 E+	92.7	99.0	96.0	4.0	6.0	6.3	7.0	4.3	5.3	5.0	6.0	5.7
SOUTHERN MIXTURE	99.0	99.0	95.0	5.0	5.3	5.7	6.7	4.3	6.0	5.0	5.3	5.5
CHANTILLY	96.0	99.0	84.7	15.0	5.7	5.7	6.0	3.7	5.3	5.3	6.3	5.4
NORTHERN MIXTURE	99.0	99.0	91.7	8.3	6.3	5.3	6.0	3.7	5.7	5.0	6.0	5.4
NATURAL KNIT ® PRG MIX	94.3	91.3	66.7	25.0	5.0	6.0	7.7	3.0	5.3	4.3	3.7	5.0
BEWITCHED	91.0	99.0	41.7	58.3	4.0	5.7	6.0	4.3	5.0	4.3	4.7	4.9
DUTCH WHITE CLOVER	99.0	97.7	45.0	53.3	6.3	6.0	5.7	3.7	4.0	3.3	3.7	4.7
LSD VALUE	12.4	5.2	17.9	18.7	1.4	1.2	2.1	1.5	1.8	1.7	1.9	1.0
C.V. (%)	3.6	2.1	12.5	80.6	12.7	9.7	13.3	18.6	15.3	17.0	16.0	9.2

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

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