

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/  
2019 DATA

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

NAME	SPRING GREENUP	PERCENT GROUND COVER		PERCENT WEEDS		QUALITY RATINGS					MEAN	
		FALL	FALL	SUMMER	FALL	MAY	JUN	JUL	AUG	SEP		OCT
CRS MIX #3	3.0	86.7		4.0	11.7	7.0	6.7	6.3	6.3	6.7	7.0	6.7
DLFPS TFAM	6.3	83.3		35.0	7.7	7.0	5.7	6.3	6.0	6.3	6.3	6.3
DLFPS TFASTC	5.3	81.7		9.3	10.0	6.7	6.3	6.0	5.7	6.0	6.0	6.1
CRS MIX #1	3.3	76.7		16.7	20.0	6.0	5.3	5.3	5.0	6.0	5.7	5.6
DLFPS CHCRM	4.7	80.0		21.7	25.0	6.3	5.7	5.3	4.0	6.3	5.7	5.6
BULLSEYE	5.7	55.0		51.7	18.3	6.0	4.0	5.0	5.0	5.7	6.0	5.3
CRS MIX #2	3.7	53.3		55.0	45.0	5.3	5.0	5.0	5.3	5.0	5.0	5.1
MNHD-15	3.0	56.7		36.7	48.3	5.3	4.7	5.0	5.0	5.3	5.0	5.1
BGR-TF3	6.0	68.3		26.7	25.0	6.3	5.0	4.3	3.7	5.0	5.7	5.0
VITALITY LOW	4.0	63.3		31.7	41.7	5.3	5.0	5.0	4.3	5.0	5.0	4.9
DLFPS CHCRSH	5.7	70.0		36.7	30.0	5.7	5.7	4.3	3.0	5.3	4.7	4.8
DLFPS TF-A	5.0	48.3		36.7	25.0	6.7	4.7	4.3	3.0	5.0	5.0	4.8
DTT TALL FESCUE MIX	6.0	63.3		58.3	26.7	6.0	5.3	4.3	3.3	4.7	5.3	4.8
DTHO TF/KBG MIX	5.3	50.0		35.0	51.7	5.7	4.3	4.3	4.7	5.3	4.7	4.8
KINGDOM	4.7	58.3		38.3	45.0	5.3	4.7	5.0	4.0	5.0	5.0	4.8
RESOLUTE (7H7)	4.0	63.3		48.3	40.0	5.7	5.0	5.0	4.0	4.7	4.7	4.8
VITALITY DOUBLE	5.7	48.3		45.0	31.7	5.7	4.7	5.0	4.0	4.0	5.3	4.8
A-SFT	5.7	48.3		60.0	28.3	5.7	4.0	5.0	3.7	4.7	5.3	4.7
DLFPS SHHM	3.3	61.7		25.0	55.0	6.7	5.7	3.7	2.7	5.0	3.7	4.6
CS MIX	2.7	60.0		43.3	50.0	5.3	4.7	4.7	3.3	4.7	4.3	4.5
RADAR	6.3	41.7		25.0	35.0	5.3	5.3	4.3	3.0	4.0	5.0	4.5
SOUTHERN MIXTURE	5.3	43.3		33.3	33.3	6.7	4.7	3.3	2.7	4.3	5.0	4.4
KY-31 E+	4.7	36.7		26.7	40.0	5.3	5.3	5.0	2.7	2.7	4.7	4.3
CHANTILLY	6.3	45.0		51.7	68.3	5.7	4.0	4.3	3.3	4.0	3.3	4.1
SPARTAN II	3.7	53.3		51.7	56.7	5.0	4.0	4.3	3.0	3.7	3.7	3.9
NORTHERN MIXTURE	5.7	36.7		70.0	56.7	5.3	3.0	3.3	2.0	4.0	3.7	3.6
YAAK	4.7	65.0		50.0	53.3	3.3	2.0	4.3	3.0	4.7	4.3	3.6
BEWITCHED	4.7	33.3		61.7	71.7	3.0	3.3	4.3	3.0	3.3	3.7	3.4
QUATRO	3.3	38.3		63.3	85.0	4.7	4.0	4.7	1.7	3.3	2.3	3.4
NATURAL KNIT ® PRG MIX	5.3	35.0		81.7	45.0	4.7	3.3	4.0	1.7	2.7	3.3	3.3
DUTCH WHITE CLOVER	2.3	28.3		70.0	86.7	2.3	2.0	3.0	2.3	3.0	1.0	2.3
KENBLUE	5.0	13.3		91.7	90.0	2.7	2.7	3.0	1.3	2.0	2.0	2.3
LSD VALUE	1.6	33.2		59.1	29.4	1.4	1.5	1.5	1.7	1.8	1.2	0.9
C.V. (%)	20.5	32.9		59.8	41.9	15.8	19.8	17.9	29.0	22.6	17.1	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 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/  
2019 DATA

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

NAME	SPRING GREENUP	PERCENT GROUND COVER		PERCENT WEEDS		QUALITY RATINGS					MEAN	
		FALL	FALL	SUMMER	FALL	MAY	JUN	JUL	AUG	SEP		OCT
DLFPS TFASTC	5.3	80.0		10.0	11.7	8.0	6.3	6.7	6.0	6.3	6.7	6.7
CRS MIX #3	2.3	61.7		3.7	9.3	7.3	7.0	6.7	6.3	5.7	6.3	6.6
DLFPS TFAM	4.7	80.0		8.3	8.3	8.0	6.7	6.7	5.7	6.3	5.3	6.4
VITALITY DOUBLE	5.7	53.3		26.7	15.0	6.3	6.0	6.3	5.3	5.3	6.0	5.9
DLFPS CHCRM	5.0	75.0		10.0	8.3	6.3	6.3	6.3	4.0	6.0	6.0	5.8
CRS MIX #1	4.7	75.0		41.0	18.3	5.7	5.0	5.3	5.0	5.7	5.7	5.4
DTTHO TF/KBG MIX	5.3	65.0		58.3	40.0	5.7	6.7	5.3	4.7	4.7	5.3	5.4
BGR-TF3	5.3	76.7		30.0	25.0	5.7	5.3	4.7	4.3	5.7	6.0	5.3
VITALITY LOW	3.0	53.3		31.7	31.7	5.7	5.3	5.7	4.7	5.0	5.7	5.3
BULLSEYE	5.0	71.7		18.3	28.3	6.3	6.0	4.3	4.0	5.0	5.7	5.2
DLFPS TF-A	5.3	75.0		36.7	25.0	5.7	5.3	5.0	4.3	5.3	5.3	5.2
CRS MIX #2	3.3	81.7		26.7	26.7	5.0	4.7	5.0	4.7	5.7	5.7	5.1
MNHD-15	3.3	65.0		31.7	33.3	5.7	5.0	5.3	4.7	5.0	4.7	5.1
DLFPS SHHM	3.0	61.7		17.0	41.7	6.3	6.0	5.3	4.0	4.0	4.3	5.0
CS MIX	4.3	53.3		23.3	35.0	6.3	5.7	4.7	3.7	4.7	4.7	4.9
RADAR	4.0	53.3		28.3	28.3	6.0	4.7	5.0	3.7	5.0	4.7	4.8
DLFPS CHCRSH	4.3	60.0		35.0	40.0	6.0	5.0	4.0	3.0	4.7	4.7	4.6
KINGDOM	4.7	41.7		48.3	40.0	5.7	4.7	5.0	3.3	4.3	4.7	4.6
SPARTAN II	3.0	38.3		31.7	35.0	5.3	4.7	4.7	3.7	4.7	4.7	4.6
A-SFT	5.0	46.7		50.0	60.0	5.3	4.3	4.0	3.7	4.7	5.0	4.5
DTT TALL FESCUE MIX	5.0	63.3		35.0	56.7	5.3	5.0	4.0	3.0	4.0	4.3	4.3
CHANTILLY	5.7	33.3		58.3	63.3	5.7	4.7	4.3	3.0	3.7	4.0	4.2
KY-31 E+	5.7	66.7		53.3	43.3	5.0	3.0	4.7	3.7	4.3	4.3	4.2
SOUTHERN MIXTURE	4.7	45.0		58.3	35.0	6.0	3.7	3.7	3.7	4.0	4.0	4.2
RESOLUTE (7H7)	4.7	53.3		46.7	56.7	4.3	4.0	4.7	3.3	3.0	4.0	3.9
NORTHERN MIXTURE	5.3	36.7		60.0	61.7	5.7	3.0	4.3	2.7	3.7	3.7	3.8
BEWITCHED	4.7	21.7		75.0	73.3	3.0	4.0	4.3	2.7	3.7	3.7	3.6
NATURAL KNIT ® PRG MIX	5.0	25.0		63.3	75.0	4.3	3.7	3.3	3.0	4.0	3.0	3.6
YAAK	3.3	30.0		83.3	66.7	2.0	2.3	3.0	3.0	4.0	4.0	3.1
QUATRO	3.3	40.0		63.3	80.0	4.3	3.3	2.7	2.0	3.0	2.3	2.9
KENBLUE	5.0	25.0		83.3	93.3	2.3	1.7	2.0	1.0	2.0	1.7	1.8
DUTCH WHITE CLOVER	2.0	31.7		90.0	91.7	1.0	2.0	1.7	1.0	2.0	1.7	1.6
LSD VALUE	1.6	28.2		25.5	19.3	1.0	1.3	1.0	1.5	1.3	1.0	0.7
C.V. (%)	21.0	30.2		38.5	30.0	12.5	17.5	14.4	24.6	18.3	14.8	10.1

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 3. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE  
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT WEST LAFAYETTE, IN 1/  
2019 DATA

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

NAME	SUMMER DENSITY	QUALITY RATINGS						MEAN
		MAY	JUN	JUL	AUG	SEP	OCT	
RADAR	7.3	6.7	6.3	6.3	6.7	5.0	5.3	6.1
DLFPS TFASTC	6.3	5.7	7.3	6.3	6.0	5.7	5.0	6.0
KINGDOM	6.7	6.0	7.0	6.3	6.0	5.7	5.0	6.0
BGR-TF3	6.3	5.3	6.7	6.3	6.0	6.0	5.0	5.9
CRS MIX #1	7.3	6.0	6.0	6.3	6.0	5.0	6.0	5.9
DTT TALL FESCUE MIX	6.7	5.7	6.7	6.0	6.0	5.7	5.0	5.8
VITALITY LOW	6.7	6.0	6.0	6.7	5.7	5.0	5.7	5.8
A-SFT	6.7	5.7	7.0	5.7	5.7	5.3	5.0	5.7
DLFPS CHCRM	6.3	6.0	6.3	5.3	5.0	5.3	6.0	5.7
DLFPS CHCRSH	6.7	6.0	6.0	5.7	5.3	5.7	5.7	5.7
CHANTILLY	6.3	5.7	5.7	5.7	5.7	5.3	5.7	5.6
DTTHO TF/KBG MIX	5.7	5.3	6.7	6.0	5.7	5.0	4.7	5.6
NORTHERN MIXTURE	6.0	6.0	5.7	5.0	5.7	5.0	6.0	5.6
VITALITY DOUBLE	7.0	4.7	6.7	6.0	6.0	5.0	4.7	5.5
CS MIX	6.0	6.0	5.7	6.0	4.7	5.0	5.3	5.4
SOUTHERN MIXTURE	5.3	6.3	6.3	5.7	5.3	4.3	4.3	5.4
BULLSEYE	4.7	5.3	6.7	5.7	4.3	5.0	4.7	5.3
MNHD-15	6.0	6.0	6.0	5.7	5.0	4.3	4.7	5.3
DLFPS TF-A	6.0	5.0	6.3	6.0	4.7	5.0	4.0	5.2
CRS MIX #2	5.7	5.0	5.7	5.7	5.3	4.3	4.7	5.1
YAAK	7.0	5.3	6.0	5.3	4.3	4.3	4.0	4.9
DLFPS TFAM	6.0	5.0	5.7	4.7	5.3	4.3	4.0	4.8
RESOLUTE (7H7)	4.7	5.3	5.7	5.3	4.7	3.7	3.7	4.7
BEWITCHED	4.0	5.0	5.3	4.3	4.0	4.0	3.7	4.4
KENBLUE	5.0	5.3	5.3	4.7	3.7	4.0	3.7	4.4
KY-31 E+	5.3	4.3	5.7	5.0	3.7	4.0	3.7	4.4
SPARTAN II	4.7	4.7	5.0	5.0	4.7	3.3	3.7	4.4
QUATRO	4.3	4.3	5.3	4.0	4.3	3.3	3.7	4.2
NATURAL KNIT © PRG MIX	4.3	3.3	5.3	4.0	4.0	4.0	3.3	4.0
DLFPS SHHM	4.0	3.0	4.7	3.0	4.3	3.3	2.7	3.5
CRS MIX #3	2.7	3.3	4.3	3.0	2.3	2.7	2.7	3.1
DUTCH WHITE CLOVER	3.7	2.7	3.0	2.3	2.3	2.7	3.0	2.7
LSD VALUE	2.0	1.5	1.7	1.4	1.5	1.4	1.2	0.9
C.V. (%)	20.1	17.0	15.6	16.0	18.2	18.2	16.2	11.8

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

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

TABLE 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/ 2019 DATA

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

NAME	SUMMER DENSITY	QUALITY RATINGS						MEAN
		MAY	JUN	JUL	AUG	SEP	OCT	
DTTHO TF/KBG MIX	7.0	6.7	6.7	6.7	5.3	6.0	5.0	6.1
DTT TALL FESCUE MIX	7.0	6.7	6.7	5.7	5.7	6.0	5.3	6.0
A-SFT	6.3	6.7	7.0	6.3	5.0	5.3	5.0	5.9
DLFPS TF-A	6.7	6.3	7.0	6.0	5.3	6.0	5.0	5.9
BGR-TF3	6.7	6.0	6.7	6.3	5.0	5.7	5.0	5.8
SOUTHERN MIXTURE	6.3	6.7	6.7	5.7	5.3	5.3	5.0	5.8
RADAR	6.7	6.7	6.0	5.7	5.0	5.0	5.7	5.7
DLFPS TFASTC	6.7	5.3	6.3	6.3	5.3	5.3	5.0	5.6
KINGDOM	6.3	6.3	6.3	6.0	4.3	5.3	5.0	5.6
DLFPS CHCRSH	7.0	6.0	6.3	6.0	5.0	4.7	5.0	5.5
NORTHERN MIXTURE	5.0	6.0	6.3	5.3	4.7	5.0	5.7	5.5
DLFPS TFAM	6.7	5.7	6.3	5.3	5.0	5.0	5.3	5.4
CS MIX	5.3	6.0	5.7	5.3	4.7	4.7	5.3	5.3
DLFPS CHCRM	6.0	6.0	5.7	5.3	4.7	4.7	5.7	5.3
VITALITY DOUBLE	6.7	5.3	6.7	5.7	5.0	5.3	4.0	5.3
VITALITY LOW	5.7	6.7	5.7	5.3	5.0	4.3	4.7	5.3
YAAK	7.0	5.7	6.0	6.0	4.0	4.7	5.0	5.2
BULLSEYE	5.7	6.0	6.3	5.7	4.0	4.7	3.7	5.1
CHANTILLY	6.0	5.3	5.7	5.0	4.7	4.7	5.0	5.1
CRS MIX #2	5.0	5.0	5.7	4.7	4.3	4.0	5.0	4.8
KY-31 E+	6.3	5.3	6.0	5.0	4.0	4.0	3.7	4.7
BEWITCHED	5.0	5.0	5.3	4.7	4.3	4.3	4.0	4.6
CRS MIX #1	6.0	5.0	5.3	5.3	4.0	4.0	3.7	4.6
MNHD-15	5.7	5.7	5.0	4.7	4.3	3.7	4.3	4.6
SPARTAN II	5.3	4.7	5.0	4.7	3.7	4.7	4.7	4.6
QUATRO	3.7	4.7	4.7	4.0	4.0	3.0	5.0	4.2
KENBLUE	4.7	5.0	4.7	4.3	4.0	3.3	3.3	4.1
NATURAL KNIT © PRG MIX	4.3	4.3	5.7	5.0	2.7	3.3	3.7	4.1
RESOLUTE (7H7)	4.0	4.3	5.3	4.7	3.7	3.3	3.3	4.1
DLFPS SHHM	2.7	3.0	3.7	3.3	3.3	2.0	2.3	2.9
DUTCH WHITE CLOVER	3.3	3.7	3.7	3.0	2.0	2.3	2.0	2.8
CRS MIX #3	2.3	3.0	3.3	2.3	2.0	2.0	2.0	2.4
LSD VALUE	2.0	1.5	1.0	1.1	1.2	1.2	1.4	0.7
C.V. (%)	21.0	16.6	10.9	13.7	17.1	17.4	19.3	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 5. MEAN TURFGRASS QUALITY RATINGS OF COOL-SEASON CULTIVARS IN THE  
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT COLLEGE PARK, MD 1/  
2019 DATA

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

NAME	QUALITY RATINGS					MEAN
	JUN	AUG	SEP	OCT		
CRS MIX #1	5.3	6.3	5.3	5.0	5.5	
MNHD-15	5.3	6.0	5.0	4.3	5.2	
CRS MIX #2	5.0	5.3	5.0	4.7	5.0	
CRS MIX #3	5.0	5.3	5.0	4.7	5.0	
VITALITY LOW	4.3	4.7	4.7	4.3	4.5	
RESOLUTE (7H7)	4.3	4.7	4.3	4.3	4.4	
SPARTAN II	4.7	4.7	4.0	3.3	4.2	
DLFPS SHHM	4.3	4.7	4.0	3.3	4.1	
DLFPS CHCRSH	4.0	4.7	4.0	3.0	3.9	
RADAR	4.0	4.3	4.0	3.3	3.9	
SOUTHERN MIXTURE	4.0	4.3	3.7	3.3	3.8	
DLFPS CHCRM	3.7	4.3	3.3	3.3	3.7	
CHANTILLY	3.7	3.3	3.0	3.0	3.3	
CS MIX	3.3	3.7	3.0	3.0	3.3	
NORTHERN MIXTURE	3.7	3.7	3.0	3.0	3.3	
VITALITY DOUBLE	3.7	4.0	3.3	2.3	3.3	
BGR-TF3	3.7	3.7	3.0	2.3	3.2	
DLFPS TF-A	3.7	3.0	3.0	2.0	2.9	
QUATRO	3.0	3.0	3.0	2.7	2.9	
DLFPS TFASTC	3.0	3.3	3.0	2.0	2.8	
BULLSEYE	2.7	3.0	2.3	2.0	2.5	
DLFPS TFAM	3.0	3.0	2.0	1.7	2.4	
YAAK	2.7	2.3	2.3	2.3	2.4	
A-SFT	2.7	2.7	2.3	1.7	2.3	
DTTHO TF/KBG MIX	2.7	2.7	2.3	1.7	2.3	
DTT TALL FESCUE MIX	2.3	2.7	2.0	1.3	2.1	
KENBLUE	1.7	2.3	1.7	1.7	1.8	
KINGDOM	1.7	1.7	1.7	1.7	1.7	
KY-31 E+	2.0	2.0	1.7	1.0	1.7	
DUTCH WHITE CLOVER	1.7	1.7	1.7	1.3	1.6	
BEWITCHED	1.7	1.7	1.7	1.0	1.5	
NATURAL KNIT ® PRG MIX	1.0	1.0	1.0	1.0	1.0	
LSD VALUE	0.8	0.9	0.8	0.7	0.6	
C.V. (%)	15.9	17.0	16.4	17.4	13.5	

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

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

TABLE 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE  
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT EAST LANSING, MI 1/  
2019 DATA

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

NAME	PERCENT		QUALITY RATINGS							MEAN
	GROUND COVER	WEEDS	MAY	JUN	JUL	AUG	SEP	OCT		
	FALL	SPRING								
DTT TALL FESCUE MIX	96.3	25.0	6.0	6.0	6.7	6.0	6.0	7.0	6.3	
NATURAL KNIT © PRG MIX	93.3	13.3	5.7	6.0	7.3	6.3	5.7	6.7	6.3	
CHANTILLY	96.3	26.7	6.0	6.0	6.3	5.3	6.0	6.3	6.0	
CRS MIX #2	97.7	25.0	5.7	6.0	6.3	5.7	6.0	6.3	6.0	
CRS MIX #3	96.3	16.7	5.7	6.0	6.0	6.0	5.7	6.3	5.9	
CS MIX	96.3	20.0	5.7	6.3	6.7	5.3	5.3	6.3	5.9	
DLFPS TFASTC	95.0	15.0	5.3	6.0	6.3	6.0	5.3	6.7	5.9	
DUTCH WHITE CLOVER	96.3	20.0	5.7	5.7	6.7	5.7	5.7	6.3	5.9	
KY-31 E+	95.0	10.0	5.7	6.0	6.7	5.3	5.7	6.3	5.9	
NORTHERN MIXTURE	95.0	10.0	5.7	6.0	6.0	5.7	5.7	6.7	5.9	
DLFPS CHCRM	93.3	15.0	5.0	6.0	6.3	5.3	5.3	6.7	5.8	
KINGDOM	96.3	13.3	5.7	6.3	6.3	5.7	5.0	6.0	5.8	
QUATRO	95.0	30.0	5.7	6.3	6.0	5.3	5.3	6.0	5.8	
VITALITY LOW	94.7	40.0	5.7	6.0	6.3	5.0	5.7	6.0	5.8	
A-SFT	95.0	13.3	4.7	5.3	6.7	6.0	5.3	6.0	5.7	
DLFPS CHCRSH	96.3	26.7	5.7	5.7	5.7	4.7	5.7	6.7	5.7	
DLFPS SHHM	95.0	23.3	6.0	5.7	6.3	4.7	5.0	6.3	5.7	
SOUTHERN MIXTURE	97.7	11.7	5.0	6.3	6.0	5.3	5.3	6.0	5.7	
VITALITY DOUBLE	95.0	11.7	5.3	6.0	6.0	5.7	5.3	6.0	5.7	
BULLSEYE	91.7	8.3	5.7	5.3	6.0	5.3	5.0	6.0	5.6	
DLFPS TFAM	94.7	23.3	5.0	6.0	5.7	5.7	5.3	6.0	5.6	
DTHO TF/KBG MIX	91.7	23.3	5.0	5.7	6.0	5.7	5.3	5.7	5.6	
MNHD-15	95.0	21.7	5.0	5.7	6.3	5.3	5.0	6.0	5.6	
RESOLUTE (7H7)	89.7	26.7	5.7	5.7	6.3	5.7	4.3	5.7	5.6	
CRS MIX #1	91.3	26.7	5.3	6.0	6.0	5.0	4.7	6.0	5.5	
DLFPS TF-A	94.7	23.3	5.3	5.7	5.7	5.0	5.3	6.0	5.5	
BGR-TF3	94.7	36.7	5.7	5.0	6.0	5.0	5.0	5.7	5.4	
YAAK	96.3	15.0	5.3	5.7	5.7	5.3	4.7	6.0	5.4	
BEWITCHED	91.3	11.7	6.0	6.3	5.7	4.3	4.3	5.3	5.3	
KENBLUE	86.7	16.7	4.7	5.7	5.3	4.7	4.7	5.7	5.1	
SPARTAN II	93.3	36.7	5.7	5.0	4.7	4.0	4.7	5.3	4.9	
RADAR	81.7	15.0	5.3	5.0	5.0	4.3	4.0	4.7	4.7	
LSD VALUE	16.6	51.4	2.6	2.4	3.1	4.3	2.5	4.1	2.5	
C.V. (%)	5.7	73.2	2.8	11.9	15.2	21.0	15.7	16.8	11.9	

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 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/  
2019 DATA

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

NAME	PERCENT GROUND COVER		PERCENT WEEDS		QUALITY RATINGS						MEAN
	SUMMER	FALL	SUMMER	FALL	MAY	JUN	JUL	AUG	SEP	OCT	
CRS MIX #1	72.7	80.3	25.3	19.7	5.0	4.7	5.0	6.3	5.7	5.7	5.4
CRS MIX #2	75.3	79.7	23.7	20.3	5.0	5.0	5.3	5.7	4.7	5.3	5.2
RESOLUTE (7H7)	61.7	67.0	38.3	33.0	4.3	5.0	5.0	6.3	5.3	5.0	5.2
DLFPS CHCRSH	66.3	88.0	33.0	12.3	4.7	4.7	5.0	5.3	5.0	5.7	5.1
MNHD-15	76.0	75.7	23.7	24.3	4.7	4.7	5.0	6.3	5.0	4.7	5.1
CHANTILLY	75.3	90.3	23.7	10.0	4.7	4.0	4.7	5.3	5.7	5.3	4.9
SPARTAN II	67.7	74.3	31.7	25.7	4.3	4.3	4.7	5.3	5.3	5.3	4.9
VITALITY LOW	71.3	83.3	28.3	16.3	5.0	4.3	4.7	5.3	5.0	5.0	4.9
RADAR	67.0	82.7	30.7	17.7	4.3	4.7	4.3	4.7	5.3	4.7	4.7
CS MIX	67.0	83.3	30.3	16.3	4.3	3.7	4.3	4.7	5.0	5.0	4.5
DLFPS CHCRM	61.7	80.0	36.3	20.0	3.3	4.0	4.7	5.0	4.7	4.7	4.4
NORTHERN MIXTURE	66.0	84.3	32.0	16.0	4.7	4.3	3.7	4.3	4.3	4.7	4.3
VITALITY DOUBLE	52.3	75.7	47.3	24.3	3.0	4.0	3.0	4.3	5.3	5.3	4.2
YAAK	84.0	68.3	16.0	31.7	4.7	5.0	4.0	3.3	4.7	3.3	4.2
DLFPS TFASTC	58.7	84.7	40.3	15.3	2.7	3.7	3.0	4.7	5.0	5.3	4.1
DTT TALL FESCUE MIX	62.7	76.0	36.7	24.0	3.0	4.3	3.0	4.3	4.7	5.3	4.1
SOUTHERN MIXTURE	71.3	83.7	28.0	16.3	3.7	4.3	3.7	3.7	4.7	4.0	4.0
DTTHO TF/KBG MIX	53.3	71.3	45.7	28.7	3.0	3.0	3.0	4.3	5.0	5.0	3.9
KENBLUE	62.0	71.7	37.0	28.3	3.3	4.0	3.3	4.0	4.0	4.0	3.8
A-SFT	50.7	77.0	38.7	21.7	3.0	3.7	2.7	4.0	4.3	4.3	3.7
DLFPS TF-A	51.3	85.3	47.7	14.3	2.0	3.7	2.7	4.3	4.3	5.0	3.7
KINGDOM	51.0	81.0	48.0	18.7	2.3	3.0	3.3	3.7	4.7	4.3	3.6
BGR-TF3	52.0	77.0	47.7	22.0	2.3	2.7	2.7	4.0	4.3	4.3	3.4
BULLSEYE	67.3	86.0	32.3	14.3	2.3	3.0	2.7	3.7	4.0	5.0	3.4
QUATRO	56.3	73.7	42.3	24.3	2.3	3.3	3.0	3.7	4.0	4.3	3.4
CRS MIX #3	73.0	83.0	23.7	13.3	2.7	3.0	2.7	3.3	4.0	4.3	3.3
KY-31 E+	65.7	88.3	33.7	10.3	2.0	3.0	2.7	3.0	3.0	3.0	2.8
BEWITCHED	25.0	39.0	58.0	60.7	1.0	1.7	2.0	3.0	2.3	2.3	2.1
DLFPS SHHM	31.3	29.0	58.0	63.7	1.3	1.0	1.0	1.3	2.0	1.7	1.4
DLFPS TFAM	43.7	60.0	55.3	36.0	1.0	1.0	1.0	1.3	2.0	2.3	1.4
DUTCH WHITE CLOVER	79.0	27.3	17.7	67.7	1.0	1.0	1.0	1.7	1.0	1.0	1.1
NATURAL KNIT ® PRG MIX	14.7	45.3	82.7	49.3	1.0	1.0	1.0	1.0	1.3	1.3	1.1
LSD VALUE	16.1	13.1	19.0	11.6	0.9	1.2	1.0	1.0	0.9	1.1	0.8
C.V. (%)	17.0	11.7	30.7	30.0	19.3	21.4	20.0	16.3	14.2	17.2	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 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE  
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT COLUMBIA, MO 1/  
2019 DATA

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

NAME	PERCENT GROUND COVER				QUALITY RATINGS			MEAN
	SPRING	APR	MAY	JUN	JUL	AUG	SEP	
DLFPS TFAM	97.0	8.0	8.0	8.3	6.3	5.3	5.0	6.8
DLFPS TFASTC	89.3	6.7	7.0	7.0	5.3	5.7	5.3	6.2
DTTHO TF/KBG MIX	90.0	6.7	7.3	7.0	5.3	5.0	5.0	6.1
VITALITY DOUBLE	94.7	7.7	7.3	7.0	5.0	4.3	4.7	6.0
DLFPS TF-A	92.7	6.7	7.0	7.0	5.3	4.7	5.0	5.9
SOUTHERN MIXTURE	94.3	7.3	6.7	6.3	5.3	5.0	4.7	5.9
BULLSEYE	88.3	6.7	6.3	5.7	5.0	5.0	4.3	5.5
DTT TALL FESCUE MIX	91.7	6.7	6.7	6.3	4.7	4.3	4.3	5.5
KENBLUE	85.0	5.7	5.7	6.0	5.0	4.7	4.7	5.3
BGR-TF3	90.0	6.0	6.0	5.7	4.7	4.3	4.7	5.2
DLFPS CHCRSH	63.3	4.0	4.3	5.7	5.7	5.3	5.3	5.1
MNHD-15	90.0	6.7	6.0	5.0	4.7	4.0	4.0	5.1
NORTHERN MIXTURE	75.0	5.0	5.7	6.0	4.7	4.3	4.3	5.0
VITALITY LOW	70.0	4.0	4.7	6.0	5.3	5.0	5.0	5.0
A-SFT	83.3	5.7	5.3	5.3	4.7	4.0	4.3	4.9
KINGDOM	76.7	5.3	5.7	5.7	4.7	4.0	3.7	4.8
KY-31 E+	88.3	6.0	5.3	5.3	4.3	4.0	4.0	4.8
DLFPS CHCRM	58.3	3.3	4.0	5.3	5.3	5.0	5.3	4.7
RADAR	58.3	3.3	4.0	5.0	5.7	5.0	5.0	4.7
CRS MIX #1	75.0	5.0	4.7	5.0	4.3	4.3	4.3	4.6
CRS MIX #2	80.0	5.0	5.0	5.0	4.3	4.0	4.0	4.6
RESOLUTE (7H7)	90.0	6.0	5.3	4.7	4.0	3.7	3.7	4.6
SPARTAN II	93.3	6.3	5.3	5.0	4.0	3.7	3.3	4.6
CS MIX	53.3	3.3	4.0	4.7	5.0	5.0	5.0	4.5
CHANTILLY	55.0	3.0	4.0	5.0	5.0	4.7	4.7	4.4
QUATRO	83.3	6.0	5.3	4.3	4.3	3.7	3.0	4.4
DLFPS SHHM	83.3	5.7	5.0	4.3	4.0	3.7	3.3	4.3
CRS MIX #3	80.0	5.3	4.7	4.3	4.0	3.3	3.3	4.2
YAAK	83.3	5.3	4.0	3.3	3.3	3.3	3.7	3.8
BEWITCHED	66.7	3.3	4.0	3.7	3.3	3.0	3.0	3.4
DUTCH WHITE CLOVER	55.0	3.0	3.3	3.3	3.7	3.0	3.0	3.2
NATURAL KNIT ® PRG MIX	58.3	3.3	3.0	3.0	3.7	3.0	3.0	3.2
LSD VALUE	14.1	1.6	1.3	1.2	1.0	0.9	1.0	0.8
C.V. (%)	11.4	19.2	15.4	14.0	12.4	13.5	14.4	11.0

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 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/  
2019 DATA

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

NAME	PERCENT GROUND COVER				QUALITY RATINGS			MEAN
	SPRING	APR	MAY	JUN	JUL	AUG	SEP	
DLFPS TFAM	97.3	7.7	8.0	8.0	7.3	7.3	7.0	7.6
DLFPS TFASTC	93.7	7.0	7.3	7.3	7.3	7.0	6.0	7.0
DLFPS TF-A	97.0	7.7	7.3	7.0	6.0	6.7	5.0	6.6
VITALITY DOUBLE	93.3	6.3	6.7	6.7	7.0	6.3	6.0	6.5
SOUTHERN MIXTURE	97.0	7.3	6.3	6.7	6.0	5.7	5.3	6.2
DTT TALL FESCUE MIX	91.7	6.3	6.3	6.7	6.0	6.0	5.3	6.1
DTTHO TF/KBG MIX	88.3	6.0	6.3	7.0	6.3	6.0	5.0	6.1
KINGDOM	83.3	5.3	6.3	6.3	6.3	6.0	5.7	6.0
BGR-TF3	86.7	6.0	6.0	6.0	5.7	6.0	5.3	5.8
KY-31 E+	93.3	6.7	5.7	5.7	5.7	5.7	5.0	5.7
BULLSEYE	88.3	5.7	6.0	6.0	5.7	5.3	4.7	5.6
A-SFT	80.0	5.3	6.0	6.3	5.7	4.7	5.0	5.5
MNHD-15	84.3	5.7	5.7	6.0	5.0	5.0	4.3	5.3
NORTHERN MIXTURE	81.7	4.7	5.7	5.7	6.0	5.3	4.7	5.3
KENBLUE	90.0	5.3	5.3	5.7	5.7	4.7	4.3	5.2
BEWITCHED	78.3	4.0	5.0	5.0	5.3	5.3	5.0	4.9
DLFPS SHHM	86.7	6.0	5.3	5.0	4.3	4.0	4.0	4.8
YAAK	92.7	5.7	5.0	5.0	4.3	4.3	4.0	4.7
DLFPS CHCRSH	55.0	3.3	4.3	4.7	5.0	5.0	5.0	4.6
VITALITY LOW	66.7	3.7	4.0	4.7	5.3	5.3	4.7	4.6
CHANTILLY	56.7	3.3	3.7	4.7	5.0	5.0	5.0	4.4
SPARTAN II	84.3	6.0	5.0	4.3	4.0	4.0	3.3	4.4
CRS MIX #2	76.7	4.7	4.3	4.3	4.0	4.3	4.3	4.3
DLFPS CHCRM	51.7	2.7	3.3	4.0	4.7	5.3	4.7	4.1
RADAR	46.7	2.7	3.3	4.0	4.7	5.0	4.7	4.1
NATURAL KNIT © PRG MIX	60.0	4.0	4.0	4.0	4.0	3.7	4.3	4.0
RESOLUTE (7H7)	76.7	4.7	4.3	4.0	3.7	3.7	3.7	4.0
CRS MIX #1	63.3	3.3	3.7	4.0	4.0	4.0	4.7	3.9
CS MIX	46.7	3.0	3.7	4.0	4.3	4.7	4.0	3.9
QUATRO	83.3	4.7	4.7	4.3	3.7	3.0	3.3	3.9
CRS MIX #3	80.0	4.3	4.3	3.7	4.0	3.0	3.3	3.8
DUTCH WHITE CLOVER	61.7	3.0	3.0	3.0	3.3	3.3	4.7	3.4
LSD VALUE	12.0	1.3	1.1	1.1	1.0	1.0	2.4	0.8
C.V. (%)	10.1	16.3	14.3	13.6	12.5	13.5	22.1	10.7

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

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

TABLE 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE  
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT RALEIGH, NC 1/  
2019 DATA

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

NAME	SPRING	PERCENT	GROUND	PERCENT	WEEDS		QUALITY RATING									MEAN
	GREENUP	COVER	FALL	FALL	FALL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
DLFPS TFAM	7.7	94.7	0.7	19.0	6.7	7.3	7.3	7.7	8.0	7.0	5.7	5.7	7.0	8.0	7.0	
DLFPS TF-A	7.0	90.0	10.0	23.3	5.7	6.7	7.3	6.7	7.3	6.7	4.7	5.0	6.0	7.0	6.3	
DLFPS TFASTC	7.3	81.7	2.3	26.7	5.0	6.3	6.3	6.0	6.7	6.0	4.7	4.7	6.0	7.0	5.9	
VITALITY DOUBLE	6.0	86.7	7.3	18.3	5.0	5.7	6.7	6.3	7.0	6.7	5.0	4.3	6.0	6.7	5.9	
BULLSEYE	6.0	68.3	5.0	43.3	5.3	6.3	6.3	6.0	7.0	6.0	4.0	3.3	5.0	5.7	5.5	
BGR-TF3	5.3	73.3	15.0	33.3	4.0	4.3	5.7	5.3	6.0	5.3	4.0	4.3	5.3	7.0	5.1	
DTT TALL FESCUE MIX	6.3	75.0	18.3	41.7	5.0	4.7	5.7	5.3	5.7	5.3	4.0	3.3	4.7	5.3	4.9	
A-SFT	6.0	78.3	17.7	21.7	4.0	4.3	5.3	5.3	5.7	4.0	4.0	3.7	5.0	5.0	4.6	
YAAK	6.3	65.3	25.0	37.7	5.0	5.3	5.3	5.0	5.3	3.0	3.3	3.3	4.3	4.7	4.5	
CRS MIX #3	7.0	40.0	1.7	9.3	4.3	5.3	6.3	6.3	5.7	3.0	1.7	2.0	2.3	2.7	4.0	
NORTHERN MIXTURE	8.0	43.3	42.7	51.7	5.7	5.3	5.3	4.7	3.7	3.3	2.7	2.3	3.0	4.0	4.0	
CRS MIX #2	5.7	18.3	20.7	28.3	4.0	4.7	5.7	5.7	6.0	2.7	1.3	1.7	1.7	2.0	3.5	
DTTHO TF/KBG MIX	5.0	31.7	30.0	66.7	3.0	3.0	3.7	4.3	5.0	4.7	2.3	2.3	2.3	3.0	3.4	
RADAR	7.0	50.0	15.0	23.3	3.7	4.0	4.0	3.7	5.3	3.3	2.7	2.3	2.7	2.7	3.4	
KINGDOM	5.7	45.0	17.7	61.7	2.7	2.7	3.3	3.0	4.7	4.0	3.0	2.7	3.3	4.0	3.3	
VITALITY LOW	8.0	41.7	13.3	45.0	3.0	3.0	4.3	4.0	4.3	2.7	2.7	2.7	3.0	3.3	3.3	
SOUTHERN MIXTURE	7.7	60.0	26.7	31.7	2.3	2.7	3.7	3.3	3.7	3.0	3.0	2.3	3.3	4.3	3.2	
CRS MIX #1	5.3	30.0	30.0	31.7	2.7	3.3	4.3	5.0	5.0	3.0	2.0	1.7	2.0	2.0	3.1	
DLFPS CHCRM	6.7	35.0	10.0	56.7	2.7	2.7	3.3	4.3	4.7	3.0	2.0	2.0	2.0	2.0	2.9	
CS MIX	7.0	35.0	43.3	64.7	2.7	3.0	3.7	4.0	4.0	2.3	2.0	1.7	2.0	2.7	2.8	
DLFPS CHCRSH	8.0	36.7	23.3	48.3	2.0	2.7	3.3	3.3	4.0	2.3	2.0	2.0	2.3	3.7	2.8	
DLFPS SHHM	5.7	33.3	49.3	59.3	1.7	2.0	3.0	3.0	3.7	3.0	2.3	1.7	2.7	3.0	2.6	
CHANTILLY	7.0	16.7	50.0	68.3	3.0	3.0	3.3	3.0	3.3	2.3	1.7	1.7	1.7	2.3	2.5	
RESOLUTE (7H7)	6.0	13.3	18.3	55.0	2.7	3.0	3.7	3.7	3.7	2.3	1.7	1.3	1.7	1.7	2.5	
KY-31 E+	6.3	23.3	45.0	97.3	2.3	2.3	2.3	2.7	3.3	3.0	1.3	1.3	2.0	3.0	2.4	
SPARTAN II	7.0	20.0	48.3	78.3	2.0	2.3	3.0	3.7	3.7	2.7	1.7	1.7	1.7	2.0	2.4	
KENBLUE	4.3	27.3	41.7	63.0	2.0	3.0	3.0	2.7	2.7	2.0	2.0	1.7	2.0	2.0	2.3	
MNHD-15	6.7	15.0	53.3	71.7	1.7	2.0	2.3	2.7	2.3	1.7	1.7	1.3	1.7	2.0	1.9	
DUTCH WHITE CLOVER	3.0	5.0	70.0	97.3	1.3	2.3	2.7	2.3	2.0	1.3	1.3	1.3	1.3	1.3	1.7	
BEWITCHED	4.0	3.3	68.3	97.0	1.3	1.7	2.3	2.0	2.0	1.7	1.0	1.3	1.3	1.3	1.6	
NATURAL KNIT ® PRG MIX	5.0	11.7	71.7	93.3	1.0	1.3	2.0	1.7	2.0	2.0	1.0	1.0	1.7	1.7	1.5	
QUATRO	6.0	8.3	55.0	80.0	1.0	1.0	1.3	1.7	2.0	1.3	1.3	1.3	1.0	1.0	1.3	
LSD VALUE	1.8	34.3	29.6	43.9	2.2	2.2	2.2	2.0	1.7	1.3	1.5	1.2	1.7	1.9	1.4	
C.V. (%)	16.7	49.6	59.8	48.1	40.1	36.2	31.7	29.2	24.6	25.6	34.9	31.2	35.4	34.9	26.0	

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 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE  
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT MEAD, NE 1/  
2019 DATA

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

NAME	SPRING GREENUP	PERCENT GROUND COVER FALL	PERCENT BROAD LEAF WEEDS		APR	MAY	JUN	QUALITY RATINGS			SEP	OCT	MEAN
			SUMMER	FALL				JUL	AUG				
A-SFT	4.0	83.3	13.3	56.7	3.7	3.7	4.0	5.0	4.3	4.3	4.0	4.1	
BEWITCHED	4.3	83.3	46.7	36.7	4.3	4.3	4.3	5.0	4.3	3.3	3.3	4.1	
CRS MIX #1	3.3	80.0	16.7	46.7	3.3	3.7	3.7	5.3	4.3	4.0	3.3	4.0	
DLFPS TF-A	3.7	83.3	13.3	46.7	3.7	3.7	4.0	4.7	4.3	4.0	3.3	4.0	
MNHD-15	4.0	85.0	10.0	43.3	4.0	3.7	3.7	5.0	4.0	4.0	3.3	4.0	
NORTHERN MIXTURE	3.7	89.7	16.7	36.7	3.3	3.7	4.0	5.0	4.3	4.0	3.7	4.0	
BULLSEYE	3.3	91.3	16.7	23.3	3.3	3.7	4.3	4.7	4.3	3.7	3.0	3.9	
DLFPS CHCRM	4.0	76.7	6.7	23.3	3.3	4.0	4.0	4.7	4.3	3.7	3.3	3.9	
DLFPS TFASTC	4.3	80.0	10.0	20.0	4.0	4.0	4.0	4.0	4.0	3.3	3.7	3.9	
DUTCH WHITE CLOVER	3.7	78.3	10.0	16.7	3.3	3.7	4.3	4.7	4.3	3.7	3.0	3.9	
RESOLUTE (7H7)	3.3	81.7	16.7	33.3	4.0	4.0	4.3	4.0	4.3	3.3	3.3	3.9	
VITALITY LOW	3.7	73.3	26.7	50.0	3.0	3.7	4.0	4.7	4.7	3.7	3.3	3.9	
CRS MIX #3	3.3	80.0	16.7	30.0	3.3	3.3	4.0	5.0	4.3	3.3	3.3	3.8	
CS MIX	4.0	85.0	10.0	13.3	3.7	3.7	4.3	4.3	4.0	3.3	3.3	3.8	
DTT TALL FESCUE MIX	4.0	73.3	40.0	40.0	3.3	3.7	4.0	4.7	4.0	3.7	3.3	3.8	
KY-31 E+	4.0	80.0	20.0	53.3	3.3	3.7	4.0	4.7	4.0	3.7	3.3	3.8	
NATURAL KNIT © PRG MIX	4.3	81.7	26.7	23.3	3.3	3.7	4.0	4.3	4.3	3.3	3.7	3.8	
VITALITY DOUBLE	4.0	76.7	43.3	26.7	3.7	4.0	4.0	4.7	4.0	3.3	3.0	3.8	
DTTHO TF/KBG MIX	4.0	80.0	23.3	36.7	3.3	3.3	3.7	4.3	4.3	3.3	3.3	3.7	
QUATRO	4.0	78.3	33.3	26.7	3.0	3.7	4.0	4.7	4.0	3.3	3.3	3.7	
CRS MIX #2	3.7	75.0	20.0	23.3	3.3	3.3	3.7	4.3	4.0	3.3	3.3	3.6	
DLFPS CHCRSH	3.3	85.0	10.0	30.0	3.3	3.3	3.3	4.3	4.0	3.7	3.3	3.6	
RADAR	3.3	76.7	13.3	43.3	3.3	3.3	3.3	4.3	4.3	3.3	3.0	3.6	
BGR-TF3	3.3	73.3	43.3	36.7	3.3	3.0	3.0	4.7	4.0	3.3	3.0	3.5	
DLFPS SHHM	3.3	66.7	10.0	36.7	3.0	2.7	3.3	4.7	4.3	3.7	3.0	3.5	
DLFPS TFAM	2.3	80.0	10.0	30.0	2.3	2.7	3.7	5.3	4.0	3.7	3.0	3.5	
SOUTHERN MIXTURE	3.3	81.7	16.7	13.3	3.7	3.3	3.3	3.7	3.7	3.3	3.3	3.5	
SPARTAN II	3.7	78.3	13.3	26.7	3.3	3.7	3.7	4.0	3.7	3.3	3.0	3.5	
KENBLUE	3.0	71.7	10.0	40.0	2.7	2.7	3.3	4.3	4.0	3.7	3.0	3.4	
YAAK	3.3	80.0	23.3	36.7	3.0	3.0	3.3	4.3	3.7	3.7	3.0	3.4	
CHANTILLY	3.0	66.7	16.7	16.7	2.7	3.3	3.3	3.7	3.7	3.0	3.3	3.3	
KINGDOM	3.0	56.7	50.0	46.7	2.0	2.7	3.3	4.3	4.3	3.3	2.3	3.2	
LSD VALUE	3.2	64.2	43.0	70.6	2.4	2.5	1.8	3.5	2.8	3.3	2.2	2.0	
C.V. (%)	24.2	19.6	83.7	62.4	23.3	21.2	15.9	19.4	15.4	21.0	17.9	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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE  
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT CORVALLIS, OR 1/  
2019 DATA

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

NAME	PERCENT GROUND COVER FALL	PERCENT GRASSY WEEDS	QUALITY RATINGS												MEAN
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DLFPS CHCRSH	98.3	0.7	5.3	5.3	5.3	5.3	5.0	5.3	2.0	2.0	2.0	3.0	4.0	4.0	4.1
DLFPS TF-A	90.0	0.0	5.0	5.0	5.0	5.0	5.3	4.7	2.0	2.0	2.0	3.0	4.0	4.0	3.9
DLFPS TFAM	90.0	0.0	5.3	5.3	5.3	5.3	4.3	4.0	2.3	2.0	2.0	3.0	3.7	3.7	3.9
KENBLUE	5.0	90.0	5.3	5.3	5.3	5.3	5.0	5.0	2.0	2.0	2.0	3.0	3.3	3.3	3.9
RESOLUTE (7H7)	43.3	7.7	4.7	4.7	4.7	5.0	4.7	5.0	2.0	2.0	2.0	3.0	3.7	3.7	3.8
CRS MIX #3	33.3	41.3	4.7	4.7	4.7	5.0	5.0	4.3	2.0	2.0	2.0	3.0	3.7	3.7	3.7
KINGDOM	85.0	0.7	4.7	4.7	4.7	5.0	4.7	4.7	2.0	2.0	2.0	3.0	3.7	3.7	3.7
RADAR	97.0	0.3	5.0	5.0	5.0	5.0	5.0	4.7	2.0	2.0	2.0	3.0	3.0	3.0	3.7
VITALITY LOW	91.7	4.0	5.0	5.0	5.0	5.3	5.0	4.7	2.0	2.0	2.0	2.7	3.0	3.0	3.7
BEWITCHED	5.7	75.0	4.3	4.3	4.3	4.3	4.0	4.3	2.0	2.0	2.0	3.3	4.0	4.0	3.6
DLFPS TFASTC	65.0	0.0	4.7	4.7	4.7	4.7	4.3	4.7	2.0	2.0	2.0	3.0	3.3	3.3	3.6
MNHD-15	70.0	11.7	4.3	4.3	4.3	4.7	4.7	4.0	2.0	2.0	2.0	3.0	4.0	4.0	3.6
CRS MIX #2	66.7	4.0	4.3	4.3	4.3	4.7	4.7	4.7	2.0	2.0	2.0	3.0	3.0	3.0	3.5
QUATRO	87.7	2.0	4.3	4.3	4.3	4.7	4.7	3.7	2.0	2.0	2.0	3.0	3.3	3.3	3.5
CRS MIX #1	76.7	3.3	4.3	4.3	4.3	4.7	4.7	4.0	2.0	2.0	2.0	3.0	3.0	3.0	3.4
DLFPS SHHM	70.0	16.7	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	3.0	3.7	3.7	3.4
VITALITY DOUBLE	91.7	0.0	4.3	4.3	4.3	4.3	3.3	4.0	2.0	2.0	2.0	3.0	3.3	3.3	3.4
CS MIX	94.7	1.3	4.3	4.3	4.3	4.3	4.3	3.7	1.7	1.7	1.7	2.3	2.7	2.7	3.2
KY-31 E+	80.0	0.0	3.7	3.7	3.7	4.3	4.0	3.7	2.0	2.0	2.0	3.0	3.0	3.0	3.2
SOUTHERN MIXTURE	92.0	0.0	4.3	4.3	4.3	4.3	3.7	3.0	2.0	2.0	2.0	2.7	2.7	2.7	3.2
CHANTILLY	79.3	1.3	4.0	4.0	4.0	4.0	3.7	3.7	2.0	2.0	2.0	2.7	2.7	2.7	3.1
DTTHO TF/KBG MIX	88.3	0.0	3.7	3.7	3.7	4.0	3.7	3.3	2.0	2.0	2.0	2.7	3.0	3.0	3.1
NATURAL KNIT ® PRG MIX	46.7	1.7	3.3	3.3	3.3	3.3	3.3	4.0	2.0	2.0	2.0	2.7	3.3	3.3	3.0
DUTCH WHITE CLOVER	1.7	70.0	3.7	3.7	3.7	4.0	4.0	4.3	1.7	1.7	1.7	2.3	2.3	2.3	2.9
A-SFT	85.0	1.7	3.3	3.3	3.3	3.7	3.7	3.3	1.7	1.7	1.7	2.3	2.7	2.7	2.8
BGR-TF3	90.0	0.0	3.0	3.0	3.0	3.3	3.3	3.3	1.7	1.7	1.7	2.7	3.3	3.3	2.8
DTT TALL FESCUE MIX	88.3	0.0	3.7	3.7	3.7	4.0	3.7	3.3	2.0	1.7	1.7	2.0	2.0	2.0	2.8
NORTHERN MIXTURE	90.0	1.3	3.7	3.7	3.7	3.7	3.7	3.3	1.7	1.7	1.7	2.3	2.3	2.3	2.8
BULLSEYE	91.7	0.0	3.3	3.3	3.3	3.3	3.3	3.3	1.7	1.7	1.7	2.3	2.7	2.7	2.7
SPARTAN II	83.3	4.7	3.7	3.7	3.7	4.0	3.3	3.0	1.7	1.7	1.7	2.0	2.0	2.0	2.7
YAAK	19.0	13.3	3.0	3.0	3.0	3.3	3.3	3.0	1.7	1.7	1.7	2.3	2.3	2.3	2.6
DLFPS CHCRM	93.0	0.3	2.7	2.7	2.7	2.7	2.7	2.7	1.7	1.7	1.7	2.0	2.0	2.0	2.3
LSD VALUE	20.7	12.2	6.5	6.5	6.5	7.0	7.0	6.4	1.5	1.3	1.3	2.6	2.5	2.5	4.1
C.V. (%)	19.3	75.3	38.3	38.3	38.3	38.0	39.3	39.0	19.5	17.3	17.3	25.7	29.5	29.6	30.8

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 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/  
2019 DATA

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

NAME	PERCENT GROUND COVER		QUALITY RATINGS									
	SPRING	FALL	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DLFPS CHCRM	93.0	98.7	3.0	3.7	4.0	3.7	3.3	3.3	3.7	4.0	4.0	3.6
BEWITCHED	98.7	99.0	3.0	3.3	3.3	3.0	3.0	3.0	3.0	3.0	2.7	3.0
BGR-TF3	86.7	99.0	3.0	3.0	3.3	3.3	2.7	3.0	2.7	3.0	3.3	3.0
DLFPS TF-A	96.0	98.0	2.3	2.7	3.0	3.0	3.0	2.7	3.0	3.7	3.7	3.0
DLFPS TFASTC	98.7	98.3	3.0	3.3	3.3	3.0	3.0	3.0	3.0	2.7	2.7	3.0
VITALITY LOW	97.0	99.0	3.0	3.3	3.3	3.0	2.7	2.7	2.7	3.0	3.0	3.0
KENBLUE	98.7	98.3	2.3	2.7	2.7	2.7	2.3	3.0	3.3	3.3	3.3	2.9
QUATRO	94.3	98.0	3.0	3.3	3.0	3.3	2.7	2.7	2.7	2.7	2.7	2.9
BULLSEYE	94.3	98.3	2.3	2.3	2.7	2.7	3.0	2.7	2.7	3.3	3.3	2.8
SPARTAN II	97.0	98.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	2.7	2.8
NATURAL KNIT © PRG MIX	85.0	99.0	2.3	2.3	2.3	2.3	3.0	3.0	2.7	3.0	3.0	2.7
NORTHERN MIXTURE	96.0	98.3	2.0	2.0	2.0	2.3	3.0	3.0	3.3	3.3	3.3	2.7
CRS MIX #2	95.3	98.7	2.3	2.3	2.3	2.3	2.3	2.3	3.0	3.0	3.0	2.6
CRS MIX #3	94.3	98.3	2.3	2.3	2.3	2.0	2.3	2.3	3.0	3.0	3.3	2.6
CS MIX	98.3	98.7	2.3	2.7	2.7	2.7	2.3	2.3	3.0	2.7	2.7	2.6
DLFPS CHCRSH	96.0	99.0	2.7	2.7	2.7	2.3	2.3	2.3	2.7	2.7	3.3	2.6
DTT TALL FESCUE MIX	94.0	98.3	2.7	3.0	3.0	2.3	2.3	2.3	2.7	2.3	2.3	2.6
DTTHO TF/KBG MIX	98.3	99.0	2.3	2.3	2.3	2.7	2.7	2.3	2.7	2.7	3.0	2.6
RESOLUTE (7H7)	98.3	98.3	2.0	2.7	2.7	3.0	2.3	2.3	2.7	2.7	3.0	2.6
DLFPS TFAM	94.3	99.0	2.7	2.7	2.7	2.3	2.7	2.7	2.3	2.3	2.3	2.5
SOUTHERN MIXTURE	99.0	99.0	2.3	2.3	2.3	2.3	2.7	2.7	2.7	2.7	2.7	2.5
KINGDOM	98.7	98.7	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.7	2.4
KY-31 E+	97.0	98.0	2.3	2.3	2.3	2.7	2.3	2.3	2.3	2.3	2.3	2.4
MNHD-15	81.7	98.0	2.3	2.3	2.3	2.3	2.0	2.3	2.3	2.7	2.7	2.4
VITALITY DOUBLE	80.0	98.3	2.3	2.3	2.3	2.0	2.3	2.0	2.7	2.7	2.7	2.4
YAAK	98.3	98.0	2.3	2.3	2.3	2.3	2.0	2.7	2.7	2.7	2.7	2.4
A-SFT	98.7	98.3	2.0	2.0	2.0	2.0	2.0	2.7	2.7	2.7	2.7	2.3
CHANTILLY	83.0	98.0	2.3	2.3	2.3	2.0	2.0	2.0	2.7	2.3	2.3	2.3
CRS MIX #1	98.3	98.7	2.3	2.3	2.3	2.3	2.0	2.0	2.3	2.3	2.3	2.3
DUTCH WHITE CLOVER	94.3	98.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
DLFPS SHHM	81.7	99.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RADAR	97.7	97.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0
LSD VALUE	7.8	0.9	1.7	1.6	1.6	1.4	1.2	1.2	2.3	2.2	1.7	1.1
C.V. (%)	5.0	0.5	22.0	24.6	25.0	23.0	20.3	19.4	24.3	26.2	23.1	17.4

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 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE  
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT LOGAN, UT 1/  
2019 DATA

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

NAME	SPRING	PERCENT	PERCENT	PERCENT WEEDS		QUALITY RATINGS						MEAN	
	GREENUP	COVER	GROUND FALL	GRASS COVER	MAY	SEPTEMBER	MAY	JUN	JUL	AUG	SEP		OCT
YAAK	9.0	99.0	99.0	99.0	0.0	0.0	6.7	6.7	4.3	4.7	4.7	7.3	5.7
DTTHO TF/KBG MIX	3.7	76.7	76.7	73.3	20.0	3.3	5.7	5.7	4.0	3.0	4.0	4.7	4.5
KY-31 E+	4.3	90.0	90.0	70.0	13.3	0.0	5.3	4.7	3.0	3.0	4.7	4.7	4.2
BULLSEYE	3.0	76.7	76.7	66.7	30.0	3.3	5.0	5.0	3.3	3.0	4.3	4.0	4.1
DTT TALL FESCUE MIX	3.0	73.3	73.3	63.3	16.7	3.3	5.0	5.0	3.0	3.0	4.0	4.3	4.1
VITALITY DOUBLE	3.0	73.3	73.3	63.3	23.3	3.3	5.0	5.3	3.0	3.0	3.7	4.7	4.1
SOUTHERN MIXTURE	3.0	73.3	73.3	66.7	26.7	3.3	4.7	5.0	3.0	3.0	4.0	4.0	3.9
BGR-TF3	2.3	66.7	66.7	56.7	20.0	6.7	4.7	4.7	3.7	2.7	3.3	3.7	3.8
KINGDOM	2.7	66.7	66.7	66.7	30.0	3.3	4.3	4.7	3.3	2.7	4.0	3.3	3.7
DLFPS TF-A	3.0	66.7	66.7	50.0	20.0	6.7	4.0	4.0	2.7	2.3	3.0	4.3	3.4
DLFPS TFASTC	3.0	73.3	73.3	50.0	33.3	10.0	4.0	4.7	2.3	2.0	3.3	4.3	3.4
A-SFT	2.3	63.3	63.3	46.7	30.0	6.7	4.0	4.0	2.3	2.0	3.3	3.7	3.2
DLFPS TFAM	2.3	70.0	70.0	50.0	30.0	10.0	4.0	4.0	2.3	2.3	3.0	3.3	3.2
VITALITY LOW	2.0	70.0	70.0	56.7	20.0	26.7	3.7	3.7	2.0	2.0	3.3	2.7	2.9
RADAR	1.7	53.3	53.3	30.0	20.0	26.7	2.7	2.3	1.7	1.7	2.7	1.7	2.1
DLFPS CHCRSH	2.0	56.7	56.7	26.7	26.7	36.7	2.3	2.3	1.3	1.3	2.7	2.0	2.0
DLFPS CHCRM	1.3	40.0	40.0	33.3	36.7	50.0	2.3	2.0	1.3	1.3	1.7	1.3	1.7
CRS MIX #1	1.7	43.3	43.3	20.0	30.0	36.7	1.7	2.0	1.7	1.0	1.7	1.7	1.6
CS MIX	1.7	50.0	50.0	23.3	30.0	40.0	2.0	2.3	1.3	1.0	1.7	1.3	1.6
NORTHERN MIXTURE	1.3	30.0	30.0	16.7	50.0	56.7	1.3	1.3	1.3	1.3	1.7	1.3	1.4
CHANTILLY	1.0	33.3	33.3	13.3	26.7	46.7	1.0	1.7	1.3	1.0	1.7	1.3	1.3
KENBLUE	2.0	40.0	40.0	20.0	56.7	53.3	1.3	1.7	1.0	1.0	1.0	1.7	1.3
BEWITCHED	2.3	13.3	13.3	6.7	63.3	56.7	1.3	1.0	1.0	1.3	1.0	1.3	1.2
QUATRO	1.0	30.0	30.0	16.7	40.0	56.7	1.0	1.0	1.0	1.0	2.0	1.0	1.2
CRS MIX #2	1.3	20.0	20.0	13.3	46.7	60.0	1.0	1.0	1.0	1.0	1.0	1.3	1.1
MNHD-15	1.0	16.7	16.7	10.0	40.0	53.3	1.0	1.3	1.0	1.0	1.3	1.0	1.1
NATURAL KNIT © PRG MIX	3.0	20.0	20.0	13.3	56.7	60.0	1.0	1.3	1.0	1.0	1.0	1.0	1.1
RESOLUTE (7H7)	1.0	16.7	16.7	10.0	40.0	56.7	1.3	1.0	1.0	1.0	1.0	1.0	1.1
SPARTAN II	1.0	16.7	16.7	10.0	40.0	60.0	1.0	1.3	1.0	1.0	1.3	1.0	1.1
CRS MIX #3	2.3	10.0	10.0	10.0	63.3	70.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DLFPS SHHM	1.7	16.7	16.7	10.0	53.3	66.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0
DUTCH WHITE CLOVER	2.7	10.0	10.0	6.7	70.0	70.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LSD VALUE	0.9	15.4	15.4	13.4	15.3	16.3	1.0	1.1	0.8	0.7	0.9	0.9	0.7
C.V. (%)	25.3	21.4	21.4	24.9	28.7	33.5	23.5	26.2	27.0	24.5	24.6	23.7	18.2

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 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COOL-SEASON CULTIVARS IN THE  
2015 NATIONAL LOW INPUT COOL-SEASON TEST AT BLACKSBURG, VA 1/  
2019 DATA

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

NAME	PERCENT GROUND COVER		PERCENT WEEDS		QUALITY RATINGS						MEAN
	SPRING	FALL	SPRING	FALL	MAY	JUN	JUL	AUG	SEP	OCT	
DLFPS SHHM	80.0	96.0	16.7	1.7	7.3	6.7	7.3	5.0	5.3	6.0	6.3
RESOLUTE (7H7)	78.3	99.0	21.7	0.0	7.0	7.0	7.0	5.7	5.0	5.7	6.2
VITALITY DOUBLE	97.3	99.0	2.3	0.0	6.7	6.3	6.7	4.7	6.3	6.3	6.2
SPARTAN II	91.7	89.7	8.3	5.0	7.0	6.3	7.3	4.3	5.3	5.7	6.0
CRS MIX #2	91.7	91.3	8.3	4.3	7.0	6.3	7.3	4.3	5.0	5.7	5.9
CS MIX	83.3	80.0	16.7	11.0	7.0	6.7	7.3	4.7	4.0	5.3	5.8
DLFPS TFASTC	88.3	88.0	11.7	6.0	7.0	6.3	6.7	4.0	5.3	5.3	5.8
CRS MIX #1	93.3	92.7	6.7	3.3	6.3	6.0	7.0	4.3	5.0	5.7	5.7
VITALITY LOW	86.3	81.7	13.3	9.3	7.0	6.7	7.0	4.3	4.0	5.0	5.7
DLFPS CHCRM	91.7	81.7	8.3	9.3	6.7	6.3	7.0	4.3	4.0	5.0	5.6
DLFPS TFAM	90.0	96.0	10.0	1.7	6.7	6.0	6.0	4.3	5.3	5.3	5.6
CRS MIX #3	94.3	81.7	5.0	9.3	6.7	6.3	6.7	4.3	4.0	5.0	5.5
DLFPS CHCRSH	86.7	81.7	13.3	9.3	6.7	6.0	7.0	4.0	4.0	4.7	5.4
DLFPS TF-A	94.3	89.7	5.7	5.0	6.3	6.0	6.0	3.7	5.0	5.3	5.4
KINGDOM	88.3	85.0	11.7	7.7	6.3	5.7	6.3	4.3	4.7	5.0	5.4
QUATRO	83.3	85.0	16.7	7.7	6.3	6.0	6.3	4.7	4.3	5.0	5.4
SOUTHERN MIXTURE	97.7	86.3	1.7	6.7	6.3	5.7	6.3	4.3	4.7	5.3	5.4
BULLSEYE	92.7	96.0	7.3	1.7	5.7	5.7	5.7	4.3	5.3	5.3	5.3
MNHD-15	93.3	89.7	6.7	5.0	6.0	6.0	6.0	4.0	5.0	5.0	5.3
A-SFT	91.0	88.3	9.0	6.0	6.0	5.0	6.0	4.3	4.7	5.0	5.2
BGR-TF3	95.0	90.0	5.0	5.0	5.7	5.7	5.7	4.0	5.0	5.0	5.2
CHANTILLY	84.7	78.3	15.0	11.7	6.7	5.7	6.7	3.3	4.3	4.7	5.2
DTT TALL FESCUE MIX	90.0	89.7	10.0	5.0	6.0	5.7	6.0	3.7	5.0	5.0	5.2
KENBLUE	80.0	83.3	20.0	8.3	6.3	5.7	6.3	3.7	4.3	4.7	5.2
KY-31 E+	95.0	86.3	5.0	6.7	6.0	5.3	6.0	4.0	4.7	5.0	5.2
BEWITCHED	51.7	73.3	45.0	11.7	5.7	5.0	6.0	4.0	5.0	5.0	5.1
DTTHO TF/KBG MIX	91.7	81.7	8.3	9.3	6.3	5.3	5.7	4.3	4.0	4.3	5.0
NORTHERN MIXTURE	91.7	80.0	8.3	10.0	6.0	5.3	6.0	3.7	4.0	4.7	4.9
RADAR	88.3	80.0	11.7	10.0	6.0	5.3	5.7	3.3	4.0	4.3	4.8
YAAK	86.7	78.3	13.3	11.7	6.0	5.3	6.0	3.0	4.0	4.0	4.7
NATURAL KNIT ® PRG MIX	65.0	73.3	31.7	11.7	5.3	4.7	5.7	3.7	3.3	4.0	4.4
DUTCH WHITE CLOVER	48.3	80.0	50.0	10.0	5.3	4.0	5.7	3.3	3.7	4.0	4.3
LSD VALUE	18.3	11.4	19.7	5.9	1.5	1.4	2.7	2.9	1.2	1.1	0.9
C.V. (%)	12.3	7.6	82.2	48.6	10.7	12.4	14.2	21.7	14.3	11.4	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.