

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT SAN FRANCISCO (CALIFORNIA GOLF CLUB OF SAN FRANCISCO), CA 1/
2019 DATA

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

NAME	GENETIC COLOR	DENSITY RATINGS		PINK SNOW MOLD	QUALITY RATINGS												MEAN		
		SUMMER	FALL		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
PURE SELECT	5.7	7.0	7.0	7.7	7.0	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.0	7.0	7.0	7.0	7.0
L-93 XD	6.7	6.7	6.7	7.3	7.0	7.0	6.7	7.0	6.7	7.0	6.7	7.0	6.7	7.0	7.0	7.0	7.0	7.0	7.0
777 (DLFPS-AP/3054)	6.7	6.7	6.7	8.0	7.0	6.7	6.3	6.7	6.3	7.0	6.7	7.0	7.3	7.0	7.0	6.7	6.7	6.8	6.8
MACDONALD (DLFPS-AP/3018)	6.7	7.0	7.0	7.3	6.0	5.7	6.0	6.3	7.0	7.0	6.3	6.3	7.3	7.3	7.3	7.3	7.3	7.3	6.7
PURE ECLIPSE (PST-ROPS)	6.7	7.0	7.0	7.3	6.0	5.7	6.0	6.3	7.0	7.0	6.3	6.3	7.3	7.3	7.3	7.3	7.3	7.3	6.7
PIRANHA (DC-1)	6.7	7.0	6.3	7.3	6.3	6.3	6.0	6.3	6.3	6.7	6.0	6.3	7.3	7.0	7.0	7.0	7.0	7.0	6.6
SHARK	6.3	7.0	6.7	7.0	6.3	6.0	6.3	6.7	7.0	6.7	6.7	6.7	7.3	7.0	6.0	7.0	7.0	7.0	6.6
DLFPS-AP/3058	6.0	7.0	6.0	7.3	6.0	6.0	6.0	6.3	6.0	6.3	6.3	6.7	7.3	7.0	6.7	7.0	6.7	7.0	6.5
KINGDOM	8.0	6.3	6.7	7.7	6.0	6.0	6.3	6.3	6.3	6.7	6.3	6.3	7.0	7.0	7.0	7.0	6.7	6.7	6.5
V-8	7.3	6.7	7.0	7.7	6.0	6.0	6.3	6.3	6.3	6.7	6.7	6.0	7.3	6.7	6.7	6.7	6.7	6.7	6.5
NIGHTLIFE	8.0	7.0	7.0	7.7	6.3	6.3	6.3	6.0	6.0	6.3	6.3	6.0	7.3	7.3	6.3	6.7	6.7	6.4	6.4
TOUR PRO (GDE)	6.7	7.0	7.0	8.0	6.7	6.0	6.3	6.7	6.3	6.0	6.0	6.0	6.7	6.7	6.0	7.0	6.0	7.0	6.4
ARMOR	8.0	6.0	6.0	8.0	6.7	6.0	6.7	6.0	6.0	6.3	6.3	6.0	7.0	6.3	6.0	6.7	6.0	6.7	6.3
BARRACUDA	6.7	6.3	6.7	8.0	6.3	6.0	6.3	6.0	6.3	6.3	6.0	6.0	7.0	7.0	6.0	6.0	6.0	6.0	6.3
DLFPS-AP/3056	6.7	6.7	6.7	7.7	6.0	6.0	6.0	6.0	6.0	6.0	6.3	6.7	7.0	6.7	6.3	6.7	6.3	6.7	6.3
PENN A-1	7.0	6.0	6.0	7.3	6.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	7.0	7.0	6.3	6.3	6.3	6.3	6.2
DLFPS-AP/3059	6.0	6.0	6.0	7.3	6.0	6.0	6.0	6.0	5.7	6.0	6.0	6.3	6.7	6.3	6.0	6.0	6.0	6.0	6.1
LUMINARY	6.0	6.7	6.3	7.3	6.0	5.7	6.0	6.0	6.0	6.0	6.0	6.3	6.3	6.3	6.0	6.3	6.3	6.1	6.1
DECLARATION	6.7	6.0	6.3	7.7	5.7	5.0	6.0	5.7	5.7	5.0	5.3	6.0	6.0	6.0	5.3	6.0	6.0	5.6	5.6
PENNCROSS	6.3	4.0	4.0	8.0	4.3	3.7	4.3	4.3	4.3	4.0	4.3	4.3	3.7	4.0	4.7	4.0	4.0	4.2	4.2
LSD VALUE	0.8	0.5	0.6	1.3	0.6	0.6	0.7	0.6	0.7	0.5	0.8	0.7	0.7	0.5	0.7	0.6	0.6	0.2	0.2
C.V. (%)	7.0	4.8	5.8	6.3	6.3	6.6	6.9	6.2	6.7	5.5	7.6	6.5	6.9	5.1	6.9	5.9	5.9	2.3	2.3

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 2.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT ATHENS, GA 1/
2019 DATA

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

NAME	GENETIC COLOR	DENSITY RATINGS			QUALITY RATINGS												MEAN
		SPRING	SUMMER	FALL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DLFPS-AP/3058	7.0	8.0	7.7	6.7	6.3	7.0	7.0	7.3	7.7	7.3	7.7	7.0	7.0	7.0	6.7	7.7	7.1
LUMINARY	7.0	7.0	7.7	6.7	6.7	7.0	6.7	6.3	7.7	7.3	7.7	7.3	7.3	6.7	6.7	7.3	7.1
777 (DLFPS-AP/3054)	7.0	7.0	8.0	7.7	6.0	6.3	6.3	7.0	7.0	7.7	7.7	7.3	7.3	7.0	7.0	7.3	7.0
MACDONALD (DLFPS-AP/3018)	7.0	7.0	7.3	6.7	7.0	6.3	6.0	6.7	7.7	7.3	7.3	7.3	6.7	6.7	6.0	6.7	6.8
L-93 XD	7.0	8.0	7.7	6.3	6.3	6.7	7.0	7.3	7.3	7.3	7.7	7.0	6.3	6.3	6.0	6.7	6.8
PIRANHA (DC-1)	7.0	8.0	7.0	6.0	6.7	7.0	7.0	7.3	8.0	7.0	8.0	6.7	6.3	5.7	6.0	6.3	6.8
PURE ECLIPSE (PST-ROPS)	7.0	7.3	7.7	6.0	6.3	6.3	7.0	7.0	7.7	7.7	8.0	6.7	6.0	6.3	6.3	6.3	6.8
BARRACUDA	6.3	7.3	7.3	6.0	6.0	6.3	7.0	6.7	7.7	7.3	7.3	7.0	6.0	6.0	5.7	6.7	6.6
DLFPS-AP/3056	6.7	7.0	7.3	6.0	5.7	6.3	6.3	7.3	7.7	7.0	8.0	7.0	6.0	5.7	5.7	6.7	6.6
TOUR PRO (GDE)	7.0	8.0	7.3	6.0	6.0	6.7	7.0	7.7	7.3	7.3	7.3	6.3	6.3	6.0	5.3	6.0	6.6
DLFPS-AP/3059	6.0	7.0	7.0	6.3	6.3	6.3	6.3	7.0	7.0	7.3	7.3	6.3	6.3	5.7	5.7	6.3	6.5
PENN A-1	6.7	6.7	7.0	6.0	6.0	6.0	6.3	6.7	7.3	7.0	7.0	7.0	6.3	6.0	6.0	6.3	6.5
PURE SELECT	6.3	7.0	7.3	5.7	5.7	7.0	6.3	6.7	7.0	7.7	8.0	6.7	6.0	5.7	5.7	6.0	6.5
SHARK	6.7	6.7	7.7	6.0	6.3	6.3	6.3	6.7	6.7	7.3	7.0	6.7	6.0	6.0	5.7	6.0	6.4
V-8	6.3	7.0	7.3	6.3	6.7	5.7	6.3	6.7	7.0	7.3	7.3	6.3	6.3	5.7	5.7	6.0	6.4
ARMOR	7.0	7.0	7.0	5.7	6.7	5.7	5.7	6.3	6.0	7.0	7.0	7.3	6.0	6.0	5.7	5.7	6.3
NIGHTLIFE	7.0	7.3	7.7	5.3	6.3	6.3	6.7	6.7	7.0	7.3	7.7	6.3	5.3	4.7	4.7	5.3	6.2
DECLARATION	6.0	6.7	7.0	6.0	6.3	6.3	6.0	6.7	6.7	6.3	6.3	6.0	6.0	5.0	5.7	6.0	6.1
KINGDOM	7.0	6.7	7.7	5.7	5.3	5.7	5.7	6.3	6.7	7.0	7.7	7.0	6.0	5.3	5.3	5.3	6.1
PENNCROSS	6.0	6.7	6.3	5.7	6.7	6.3	6.7	6.3	6.3	5.3	6.7	6.0	5.7	4.7	5.3	5.7	6.0
LSD VALUE	0.5	0.6	1.1	2.2	1.9	1.3	1.2	1.3	1.1	1.2	1.6	1.5	2.1	2.6	1.9	2.0	0.6
C.V. (%)	4.4	5.2	6.5	13.2	10.7	8.7	8.4	7.9	8.0	8.3	8.8	9.1	12.5	16.9	13.1	13.5	4.7

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 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
 (CONT'D) 2014 NATIONAL BENTGRASS (GREENS) TEST AT ATHENS, GA 1/
 2019 DATA

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

NAME	WINTER COLOR	DOLLAR SPOT	BROWN PATCH	COLOR SEPTEMBER	COLOR OCTOBER	COLOR NOVEMBER	COLOR DECEMBER
DLFPS-AP/3058	6.7	8.0	7.7	6.7	7.7	6.3	7.0
LUMINARY	6.7	7.0	7.7	7.0	7.7	6.7	7.0
777 (DLFPS-AP/3054)	7.0	7.0	8.0	7.0	8.0	7.0	7.0
MACDONALD (DLFPS-AP/3018)	6.7	6.7	7.0	6.7	6.7	6.3	7.0
L-93 XD	6.3	7.3	7.0	6.3	6.3	7.0	6.3
PIRANHA (DC-1)	6.7	7.3	6.7	6.7	7.0	6.3	7.0
PURE ECLIPSE (PST-ROPS)	6.3	7.0	7.0	6.0	6.3	6.3	6.7
BARRACUDA	6.0	7.7	6.3	6.3	6.7	5.7	6.3
DLFPS-AP/3056	6.0	7.3	6.3	6.3	6.0	6.0	6.7
TOUR PRO (GDE)	6.7	8.0	6.7	6.3	7.0	6.7	7.0
DLFPS-AP/3059	6.0	7.7	6.3	6.0	6.3	5.7	6.3
PENN A-1	6.7	7.0	6.3	6.3	6.3	6.3	7.0
PURE SELECT	6.3	6.0	7.0	6.3	6.3	6.0	6.7
SHARK	6.3	6.3	6.3	5.7	6.3	6.7	7.0
V-8	6.0	7.0	6.7	6.7	7.3	6.7	6.7
ARMOR	6.3	5.3	6.3	7.7	7.0	6.7	6.7
NIGHTLIFE	6.0	6.7	5.7	6.3	6.7	5.7	6.3
DECLARATION	5.7	7.3	5.7	6.3	6.3	5.7	6.7
KINGDOM	5.7	5.3	6.3	7.0	7.3	6.0	5.7
PENNCROSS	5.7	6.7	5.3	6.3	5.7	6.0	6.0
LSD VALUE	1.1	1.0	1.5	1.5	1.9	1.6	1.3
C.V. (%)	8.0	8.6	11.2	9.6	12.1	10.0	7.9

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 3.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT AMES, IA 1/
2019 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS							MEAN
		APR	MAY	JUN	JUL	AUG	SEP	OCT	
777 (DLFPS-AP/3054)	7.3	7.0	7.3	8.3	8.0	9.0	8.7	8.3	8.1
PIRANHA (DC-1)	8.0	6.7	7.3	8.3	9.0	8.7	8.3	8.0	8.0
DLFPS-AP/3056	7.0	6.7	7.0	8.0	8.7	8.0	8.3	8.0	7.8
DLFPS-AP/3058	7.7	6.7	7.7	8.7	8.0	8.0	8.3	7.0	7.8
L-93 XD	7.0	6.3	7.3	7.7	8.3	7.7	8.3	8.3	7.7
DECLARATION	7.7	7.0	7.0	8.0	7.3	8.0	7.7	8.0	7.6
MACDONALD (DLFPS-AP/3018)	7.3	6.3	7.0	8.0	8.3	8.3	7.7	7.3	7.6
BARRACUDA	7.0	6.3	6.7	8.0	7.7	8.0	8.7	7.3	7.5
LUMINARY	6.7	6.3	6.7	7.0	8.7	8.3	7.7	7.7	7.5
TOUR PRO (GDE)	6.7	6.3	6.3	8.0	7.3	8.0	8.3	7.3	7.4
DLFPS-AP/3059	6.3	5.7	7.0	8.0	7.3	7.3	8.0	7.3	7.2
PURE SELECT	7.3	6.3	7.3	6.7	7.3	7.7	7.7	7.7	7.2
PURE ECLIPSE (PST-ROPS)	6.7	5.7	6.0	6.3	7.7	7.3	8.0	8.3	7.0
NIGHTLIFE	8.0	7.0	6.7	6.7	7.3	7.3	6.7	6.7	6.9
PENN A-1	7.0	6.0	7.0	7.7	6.3	6.3	7.7	7.3	6.9
SHARK	6.3	6.0	5.7	7.0	7.7	7.0	7.0	7.3	6.8
V-8	6.7	5.7	6.3	7.3	7.0	6.7	6.7	7.7	6.8
KINGDOM	7.0	6.0	6.3	6.3	7.3	7.0	7.0	7.0	6.7
ARMOR	7.7	6.0	6.7	5.7	7.3	7.0	6.7	6.7	6.6
PENNCROSS	6.0	5.3	5.3	6.0	6.3	6.3	6.7	6.3	6.0
LSD VALUE	2.1	3.5	1.9	1.8	1.9	1.7	1.4	2.3	1.2
C.V. (%)	11.4	16.4	12.0	12.6	11.5	11.1	9.5	11.7	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 4.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT WEST LAFAYETTE, IN 1/
2019 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY RATINGS		DOLLAR SPOT		BROWN PATCH		MAY	QUALITY RATINGS				MEAN
			SPRING	SUMMER	JUNE	JULY	JULY	AUGUST		JUN	JUL	AUG	SEP	
L-93 XD	6.0	7.3	7.7	7.3	8.3	9.0	6.3	7.7	7.3	8.0	8.0	7.3	8.7	7.9
PIRANHA (DC-1)	7.0	7.3	8.0	8.7	8.0	8.7	8.3	8.0	8.0	7.7	8.7	7.0	8.0	7.9
DLFPS-AP/3058	6.7	7.0	7.7	7.3	8.7	8.7	8.0	8.0	7.3	8.0	7.7	7.3	7.7	7.6
TOUR PRO (GDE)	7.3	6.7	7.3	7.7	8.7	9.0	6.7	8.0	7.0	7.7	7.3	7.7	8.0	7.5
V-8	8.7	7.7	6.3	7.3	7.7	8.3	7.7	8.0	7.0	7.7	7.3	6.7	7.3	7.2
DLFPS-AP/3059	6.7	7.0	8.0	7.3	8.3	9.0	8.7	8.0	6.3	7.7	7.7	6.3	7.7	7.1
PURE ECLIPSE (PST-ROPS)	8.0	8.7	9.0	9.0	5.3	6.7	8.3	7.7	8.0	8.7	6.0	4.7	7.0	6.9
SHARK	7.7	7.7	8.3	8.0	6.3	7.0	8.7	8.0	7.7	7.7	6.3	5.7	7.3	6.9
BARRACUDA	7.3	6.7	6.7	6.7	7.7	8.3	6.3	7.3	6.7	7.0	7.0	5.7	7.3	6.7
MACDONALD (DLFPS-AP/3018)	7.0	7.3	8.0	8.0	8.0	8.3	8.0	8.0	6.7	7.7	6.0	5.3	7.7	6.7
DECLARATION	6.3	6.0	6.7	6.7	8.3	9.0	7.7	8.0	6.0	6.7	6.7	7.0	6.7	6.6
LUMINARY	6.7	6.3	7.3	7.0	8.3	9.0	8.0	7.7	6.0	7.0	6.7	6.3	7.0	6.6
PENN A-1	7.3	6.3	6.3	6.0	8.7	9.0	6.7	7.0	6.3	7.0	6.3	5.7	7.7	6.6
777 (DLFPS-AP/3054)	7.3	7.3	7.3	7.0	8.0	8.3	8.0	7.7	6.3	7.0	6.3	5.3	6.7	6.3
KINGDOM	9.0	7.3	7.7	6.0	7.3	7.7	5.3	4.7	7.0	7.3	5.7	5.0	6.3	6.3
NIGHTLIFE	9.0	7.3	7.3	7.0	6.3	7.3	6.3	6.7	7.0	7.3	5.7	5.3	6.3	6.3
PURE SELECT	8.3	8.3	8.0	8.0	6.0	7.3	7.3	6.7	6.3	8.0	5.0	4.7	7.0	6.2
ARMOR	9.0	7.3	8.0	7.7	4.0	4.7	8.0	7.3	7.0	6.3	4.7	4.3	6.7	5.8
DLFPS-AP/3056	7.7	7.0	7.0	6.7	7.3	8.7	7.0	6.3	5.7	6.7	5.0	5.0	6.3	5.7
PENNCROSS	6.7	6.3	6.0	5.7	7.0	8.0	6.3	6.7	5.3	6.3	5.3	5.3	6.3	5.7
LSD VALUE	0.8	1.1	1.9	1.5	1.5	1.4	5.1	4.8	1.4	1.7	2.1	1.2	2.7	1.1
C.V. (%)	7.0	8.5	12.2	11.5	12.4	10.2	22.8	20.9	11.1	10.4	17.1	12.3	14.2	9.4

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 5.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT MANHATTAN, KS 1/
2019 DATA

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

NAME	DOLLAR SPOT RATINGS			QUALITY RATINGS							MEAN
	MAY	JULY	AUGUST	MAY	JUN	JUL	AUG	SEP	OCT		
TOUR PRO (GDE)	7.7	4.7	4.3	6.3	6.0	7.7	4.0	5.3	6.0	5.9	
DECLARATION	7.7	4.7	6.0	6.3	6.3	7.3	3.7	5.3	5.7	5.8	
PIRANHA (DC-1)	8.0	4.3	4.3	6.7	7.3	6.3	3.3	4.7	6.0	5.7	
BARRACUDA	8.0	4.3	5.3	6.0	6.0	7.3	3.7	4.7	5.7	5.6	
L-93 XD	8.0	4.7	5.0	6.3	6.3	6.7	4.0	4.7	5.0	5.5	
DLFPS-AP/3058	8.0	4.0	5.0	5.7	6.0	6.0	4.0	5.3	5.3	5.4	
MACDONALD (DLFPS-AP/3018)	7.3	4.0	3.7	6.0	6.0	6.0	3.0	5.0	5.7	5.3	
LUMINARY	6.7	4.0	5.0	5.3	5.7	5.7	4.0	5.3	5.7	5.3	
777 (DLFPS-AP/3054)	7.0	4.0	3.7	5.3	5.7	6.0	3.7	4.7	5.7	5.2	
V-8	7.0	4.3	4.3	5.7	5.7	6.3	3.3	5.0	5.3	5.2	
DLFPS-AP/3056	6.7	3.7	3.3	5.3	5.7	4.3	3.3	5.3	5.0	4.8	
DLFPS-AP/3059	6.0	4.0	4.0	5.0	5.7	5.7	3.3	4.3	5.0	4.8	
PENN A-1	5.7	4.0	4.3	4.7	4.7	5.3	3.3	5.0	5.7	4.8	
PENNCROSS	5.7	3.3	3.7	4.7	4.3	4.7	2.7	5.7	5.0	4.5	
KINGDOM	5.7	3.0	3.7	4.0	4.0	4.0	3.3	5.0	5.3	4.3	
PURE SELECT	4.7	2.7	2.7	4.7	4.7	3.3	2.3	5.3	5.3	4.3	
NIGHTLIFE	4.7	2.7	2.7	4.0	4.0	3.3	2.0	4.3	5.0	3.8	
PURE ECLIPSE (PST-ROPS)	4.7	2.7	2.3	4.3	4.3	3.0	2.0	4.7	4.7	3.8	
SHARK	4.0	3.0	2.3	3.3	3.3	3.0	2.7	4.7	5.3	3.7	
ARMOR	2.7	2.3	3.3	3.0	3.0	2.3	2.3	4.3	5.0	3.3	
LSD VALUE	1.0	1.0	1.2	1.2	0.9	1.5	0.9	2.4	1.8	0.6	
C.V. (%)	10.3	15.7	18.3	14.2	11.4	17.9	16.5	15.2	11.7	7.9	

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 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME	GENETIC COLOR	DOLLAR	QUALITY RATINGS							MEAN
		SPOT JULY	MAY	JUN	JUL	AUG	SEP	OCT		
DECLARATION	5.0	5.3	6.7	7.0	5.3	4.3	3.7	3.3	5.1	
L-93 XD	4.7	5.7	6.0	6.3	6.7	4.3	3.7	3.7	5.1	
TOUR PRO (GDE)	5.3	6.0	5.3	6.3	6.3	4.3	3.3	3.7	4.9	
BARRACUDA	5.3	4.0	6.7	7.3	4.7	3.7	3.0	3.7	4.8	
LUMINARY	7.0	5.3	5.7	6.3	5.7	4.0	3.3	4.0	4.8	
DLFPS-AP/3058	4.3	3.5	6.5	7.0	4.0	3.0	3.0	4.0	4.6	
777 (DLFPS-AP/3054)	7.0	4.3	4.7	6.0	5.3	3.3	3.3	4.3	4.5	
MACDONALD (DLFPS-AP/3018)	5.7	3.3	6.0	6.3	4.0	3.0	3.0	4.0	4.4	
PIRANHA (DC-1)	5.7	3.0	6.0	7.0	4.0	2.3	3.0	3.7	4.3	
SHARK	6.0	3.0	5.0	6.3	4.0	3.0	3.0	3.3	4.1	
V-8	6.3	3.0	5.5	6.0	3.5	3.0	3.0	3.5	4.1	
PURE ECLIPSE (PST-ROPS)	6.0	3.0	4.0	5.0	4.0	3.0	4.0	4.0	4.0	
DLFPS-AP/3056	7.0	3.0	5.3	6.7	3.3	2.3	2.0	3.0	3.8	
DLFPS-AP/3059	5.0	3.7	4.7	5.3	4.0	3.0	3.0	3.0	3.8	
KINGDOM	8.0	2.0	4.0	5.0	3.0	2.7	3.0	4.7	3.7	
PENN A-1	7.0	4.0	4.5	5.0	3.5	3.0	3.0	3.0	3.7	
NIGHTLIFE	8.0	3.7	4.0	5.7	3.3	3.0	2.3	2.0	3.4	
PURE SELECT	6.3	3.3	3.7	4.7	3.7	2.7	2.7	2.7	3.3	
PENNCROSS	6.7	4.0	3.7	3.3	2.3	2.3	3.0	2.3	2.8	
ARMOR	8.0	3.0	3.0	4.0	3.0	1.5	1.5	2.5	2.6	
LSD VALUE	0.9	3.2	1.0	2.0	1.8	1.5	1.2	0.9	0.6	
C.V. (%)	9.6	33.7	11.2	16.5	22.7	23.2	17.8	14.3	8.5	

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 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT COLUMBIA, MO 1/
2019 DATA

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

NAME	QUALITY RATINGS									
	DOLLAR SPOT	FAIRY RING	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
LUMINARY	9.0	8.3	5.7	6.0	6.7	6.7	6.3	6.3	6.7	6.3
DLFPS-AP/3058	9.0	9.0	5.7	6.3	8.0	6.3	5.7	6.3	5.3	6.2
BARRACUDA	9.0	8.7	6.0	6.0	7.0	6.3	6.0	6.3	5.3	6.1
DLFPS-AP/3056	9.0	8.3	5.3	6.0	7.0	6.0	6.7	6.7	5.3	6.1
PIRANHA (DC-1)	9.0	8.7	5.7	5.3	6.3	5.7	6.7	6.0	6.0	6.0
PURE ECLIPSE (PST-ROPS)	8.0	8.3	6.3	6.3	5.7	6.0	6.7	5.3	5.3	6.0
PURE SELECT	8.0	8.3	6.7	6.0	5.7	7.0	5.7	6.0	5.3	6.0
TOUR PRO (GDE)	9.0	8.0	6.0	5.3	7.0	5.7	5.3	6.0	6.0	5.9
V-8	9.0	8.7	6.0	5.7	6.7	5.7	6.0	5.7	5.0	5.8
DLFPS-AP/3059	9.0	8.7	5.0	5.7	6.3	6.0	5.7	5.7	5.3	5.7
L-93 XD	9.0	9.0	5.3	6.0	6.7	5.0	5.3	6.3	5.3	5.7
PENN A-1	9.0	8.3	5.7	5.0	6.0	5.7	6.0	5.3	6.0	5.7
MACDONALD (DLFPS-AP/3018)	8.7	8.7	5.3	5.7	6.0	5.3	6.3	5.7	5.0	5.6
SHARK	8.0	8.7	5.7	5.3	5.3	6.0	6.0	5.3	5.0	5.5
777 (DLFPS-AP/3054)	8.3	9.0	6.3	4.7	5.3	5.3	5.7	5.3	5.0	5.4
DECLARATION	9.0	9.0	5.0	5.3	6.0	5.3	5.3	5.7	5.3	5.4
NIGHTLIFE	8.3	8.7	5.0	5.7	6.0	6.0	5.7	5.3	4.3	5.4
KINGDOM	8.0	9.0	4.7	5.3	5.3	5.7	5.3	5.7	5.3	5.3
ARMOR	6.7	9.0	5.3	3.0	4.3	4.3	4.3	4.0	4.3	4.2
PENNCROSS	8.3	9.0	3.0	3.3	3.3	4.0	3.3	4.0	3.7	3.5
LSD VALUE	0.5	1.9	1.1	1.1	1.1	0.9	1.2	1.1	1.1	0.4
C.V. (%)	3.4	6.7	11.4	12.7	11.1	9.9	11.9	11.2	11.9	4.6

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 BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT RALEIGH, NC 1/
2019 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	RATINGS SUMMER	PERCENT		QUALITY RATINGS										MEAN
						GROUND SPRING	DOLLAR SPOT	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
L-93 XD	7.0	9	8.7	9.0	9.0	99.0	9.0	6.3	8.0	8.0	8.0	7.7	6.7	6.3	6.3	6.3	7.1	
PIRANHA (DC-1)	7.3	9	9.0	9.0	9.0	99.0	9.0	6.3	8.0	8.0	8.0	7.3	6.0	6.3	7.0	6.3	7.0	
777 (DLFPS-AP/3054)	7.0	9	8.7	9.0	9.0	99.0	9.0	6.3	8.0	8.0	7.7	7.3	6.7	6.0	5.7	6.3	6.9	
DECLARATION	7.0	9	7.7	9.0	9.0	99.0	9.0	6.0	7.3	8.0	8.0	7.3	6.0	6.0	6.0	6.0	6.7	
MACDONALD (DLFPS-AP/3018)	7.0	9	9.0	9.0	9.0	99.0	9.0	6.3	8.0	8.0	8.0	7.3	6.3	6.0	5.0	5.3	6.7	
TOUR PRO (GDE)	7.3	9	8.7	8.7	9.0	99.0	9.0	6.0	7.7	7.3	7.7	7.3	6.3	6.3	6.3	5.7	6.7	
BARRACUDA	7.0	9	8.7	8.7	9.0	99.0	9.0	6.0	8.0	7.7	7.7	6.7	5.3	5.7	6.3	6.3	6.6	
DLFPS-AP/3059	7.0	9	7.7	8.7	9.0	99.0	9.0	6.0	7.7	7.7	7.0	7.0	5.7	6.0	6.3	5.7	6.6	
PURE ECLIPSE (PST-ROPS)	7.0	9	8.7	9.0	9.0	99.0	9.0	5.7	7.7	8.0	7.7	7.3	6.3	6.0	5.3	5.3	6.6	
DLFPS-AP/3058	7.0	9	8.0	8.7	9.0	99.0	9.0	6.0	7.3	7.7	7.7	7.0	6.0	5.7	5.7	5.3	6.5	
LUMINARY	7.0	9	7.7	8.3	9.0	99.0	9.0	6.7	7.7	7.7	7.3	7.0	5.7	5.7	5.3	5.3	6.5	
PENN A-1	7.3	9	8.0	9.0	9.0	99.0	9.0	4.7	7.3	7.7	7.3	7.3	6.0	6.3	6.0	5.7	6.5	
PURE SELECT	7.0	9	9.0	9.0	9.0	99.0	9.0	6.3	7.7	7.7	7.7	7.3	5.3	6.0	5.3	5.3	6.5	
KINGDOM	8.3	9	8.0	8.0	9.0	99.0	9.0	5.3	7.3	7.3	7.3	7.0	5.7	6.7	6.0	5.3	6.4	
SHARK	7.0	9	9.0	9.0	9.0	99.0	7.7	6.0	8.0	7.7	7.0	7.0	5.7	5.3	5.7	5.7	6.4	
V-8	7.0	9	8.7	9.0	8.7	99.0	9.0	6.0	7.7	8.3	8.0	7.3	5.3	5.3	5.3	4.7	6.4	
NIGHTLIFE	8.3	9	8.3	8.3	9.0	99.0	7.3	5.3	7.3	7.0	6.3	6.7	5.7	6.7	6.3	5.7	6.3	
ARMOR	8.3	9	8.0	8.7	9.0	99.0	7.0	4.7	7.3	7.0	6.0	6.3	5.7	5.7	6.0	5.0	6.0	
DLFPS-AP/3056	7.0	9	8.0	9.0	8.7	99.0	9.0	6.3	8.0	7.3	7.3	6.3	4.0	4.3	4.7	5.0	5.9	
PENNCROSS	7.3	9	5.0	6.3	6.3	58.3	9.0	3.7	4.7	5.0	5.0	5.0	3.7	4.3	4.3	4.3	4.4	
LSD VALUE	0.6	0	0.7	0.6	0.3	4.8	3.5	0.7	0.8	0.8	1.1	1.1	2.3	1.7	1.4	2.0	0.5	
C.V. (%)	4.7	0	5.7	4.2	2.4	3.3	12.9	8.0	6.3	6.4	8.7	8.5	17.3	13.4	12.4	14.3	5.4	

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 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT NORTH BRUNSWICK, NJ 1/
2019 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	FALL DENSITY	BROWN PATCH	DOLLAR SPOT MAY	DOLLAR SPOT OCTOBER	QUALITY RATINGS							MEAN
							APR	MAY	JUN	JUL	AUG	SEP	OCT	
PIRANHA (DC-1)	6.0	6.0	5.7	6.7	7.0	5.0	7.7	6.7	7.7	6.7	7.7	6.7	6.3	7.0
LUMINARY	6.3	5.0	5.0	7.7	6.0	5.3	6.3	6.0	6.3	6.0	7.3	6.7	5.3	6.3
L-93 XD	8.0	6.7	6.0	3.7	7.7	7.3	5.7	7.3	5.7	7.3	5.3	5.0	7.0	6.2
MACDONALD (DLFPS-AP/3018)	4.7	6.3	6.3	5.3	6.3	5.7	6.7	7.0	6.7	7.0	6.0	4.7	4.7	6.1
777 (DLFPS-AP/3054)	6.0	7.0	6.3	5.3	5.7	5.3	6.3	5.7	6.3	5.7	5.0	5.7	6.3	5.9
TOUR PRO (GDE)	5.7	6.3	5.7	6.0	8.0	6.3	5.0	6.3	5.0	6.3	6.3	6.0	6.0	5.9
DECLARATION	6.3	6.0	5.3	5.3	8.0	8.0	5.0	5.7	5.0	5.7	5.7	6.3	6.3	5.7
DLFPS-AP/3058	6.0	6.7	6.0	5.3	6.7	5.7	5.3	5.3	5.3	5.3	6.0	5.3	5.7	5.5
BARRACUDA	4.3	5.7	4.0	4.7	5.7	5.7	5.3	4.7	5.3	4.7	5.7	5.7	4.7	5.1
DLFPS-AP/3056	6.0	5.0	4.7	4.7	5.0	5.3	5.0	5.3	5.0	5.3	4.7	4.0	5.0	4.9
PURE ECLIPSE (PST-ROPS)	6.0	6.7	6.3	6.7	4.3	3.7	4.0	5.0	4.0	5.0	4.7	4.7	6.0	4.8
PURE SELECT	4.7	6.7	5.7	5.0	4.7	3.3	3.7	5.3	3.7	5.3	5.3	4.3	5.0	4.7
KINGDOM	6.0	5.0	4.7	7.3	3.3	3.3	5.3	3.3	5.3	3.3	4.7	4.7	5.7	4.6
NIGHTLIFE	6.0	6.3	5.3	7.3	4.3	4.3	5.0	3.7	5.0	3.7	4.7	4.0	5.7	4.5
SHARK	5.0	5.7	5.0	6.3	5.0	2.7	4.3	4.3	4.3	4.3	5.7	4.0	4.7	4.5
V-8	4.0	6.0	4.7	4.7	6.7	5.3	4.3	4.3	4.3	4.3	4.3	4.3	5.0	4.4
DLFPS-AP/3059	4.0	5.7	4.0	4.0	6.7	5.7	4.3	4.3	4.3	4.3	4.0	4.0	4.7	4.3
ARMOR	6.0	5.7	4.0	6.3	2.0	2.3	4.0	2.3	4.0	2.3	4.0	4.0	5.0	3.7
PENN A-1	4.7	4.3	3.7	5.0	5.3	4.3	2.3	3.0	2.3	3.0	3.3	5.0	3.7	3.2
PENNCROSS	3.0	3.0	1.0	6.0	6.0	4.3	1.0	1.0	1.0	1.0	1.0	2.0	1.7	1.2
LSD VALUE	2.2	1.4	1.0	2.4	1.0	1.4	1.5	1.1	1.5	1.1	2.6	2.3	1.4	0.9
C.V. (%)	21.6	13.7	12.5	21.6	11.8	18.0	19.3	15.4	19.3	15.4	28.0	24.5	16.3	12.4

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 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT STILLWATER, OK 1/
2019 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY RATINGS			PERCENT GROUND COVER			QUALITY RATINGS									
			SPRING	SUMMER	FALL	SPRING	SUMMER	FALL	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
TOUR PRO (GDE)	4.7	8.0	6.3	5.7	7.3	96.3	98.7	99.0	5.3	5.7	7.0	7.7	5.3	7.7	7.3	7.0	8.0	6.8
DLFPS-AP/3058	5.3	8.0	7.0	5.3	7.7	96.7	99.0	99.0	5.3	6.7	6.7	6.7	5.0	7.3	6.7	7.0	8.0	6.6
DLFPS-AP/3059	5.0	6.7	6.7	5.7	7.0	97.3	98.7	99.0	5.0	5.7	6.3	7.0	4.7	7.3	7.0	7.7	7.7	6.5
NIGHTLIFE	5.0	8.0	6.0	6.3	8.0	93.7	99.0	92.7	4.7	5.7	6.7	7.0	5.3	7.3	7.0	7.0	7.7	6.5
SHARK	5.0	8.0	7.3	7.0	7.7	98.3	99.0	97.7	5.0	5.7	6.7	8.0	5.7	6.7	6.3	6.0	8.0	6.4
ARMOR	4.7	8.0	7.0	6.0	7.7	97.3	99.0	97.7	4.3	5.0	6.0	7.0	5.3	7.0	6.7	7.0	7.7	6.2
KINGDOM	5.7	8.0	7.0	6.0	8.0	97.3	97.7	95.7	5.0	6.0	6.3	7.3	5.3	6.7	6.3	5.3	7.0	6.1
BARRACUDA	5.0	8.0	6.7	6.0	6.7	94.0	96.0	95.7	5.0	5.3	6.0	7.0	5.3	6.7	5.0	6.0	7.3	6.0
PURE SELECT	4.7	8.0	6.3	6.7	7.7	95.3	99.0	99.0	4.7	5.3	5.7	8.0	4.7	6.0	6.3	5.7	7.7	6.0
PENN A-1	4.3	8.0	7.0	6.0	7.0	97.7	99.0	99.0	4.3	5.0	6.3	7.0	5.0	5.3	5.7	5.0	7.7	5.7
V-8	5.7	8.0	6.7	6.7	7.3	93.0	99.0	92.7	4.7	5.0	6.7	7.3	5.3	6.0	5.0	4.7	6.3	5.7
777 (DLFPS-AP/3054)	5.3	8.0	7.3	5.0	7.7	96.7	98.0	84.7	6.0	5.3	6.3	7.0	4.3	5.0	5.3	4.3	6.3	5.6
LUMINARY	5.0	7.7	6.3	6.0	7.7	90.3	98.0	69.7	4.7	5.0	6.0	6.7	4.7	5.7	5.0	4.7	6.3	5.4
PENNCROSS	4.3	7.3	6.0	5.3	6.7	96.0	98.3	96.0	4.0	4.3	6.0	5.7	5.0	6.0	5.3	5.7	6.7	5.4
MACDONALD (DLFPS-AP/3018)	5.7	8.0	7.3	4.7	7.3	98.0	91.7	81.7	5.7	6.0	6.3	6.7	4.0	3.0	4.3	4.0	5.7	5.1
L-93 XD	4.0	8.0	4.7	5.0	6.3	62.0	97.3	72.3	3.3	3.7	4.0	6.3	4.0	5.7	5.7	6.0	6.0	5.0
DECLARATION	4.5	8.0	6.5	6.0	7.5	92.5	97.0	56.3	3.7	3.3	4.7	5.0	3.3	5.0	4.7	4.7	5.0	4.4
PIRANHA (DC-1)	5.5	8.0	5.5	6.0	7.5	92.5	98.5	63.0	3.3	3.7	4.0	5.0	3.7	4.0	4.7	5.0	5.7	4.3
DLFPS-AP/3056	3.7	8.0	3.7	5.3	7.7	49.7	81.7	45.0	4.0	3.3	3.7	5.7	4.0	2.7	2.7	2.7	4.3	3.7
PURE ECLIPSE (PST-ROPS)	3.5	8.0	5.5	5.0	7.0	86.5	94.5	40.0	2.7	2.7	3.0	4.7	3.3	2.3	3.3	3.7	4.3	3.3
LSD VALUE	3.5	0.8	2.9	0.8	2.3	30.3	8.6	51.6	2.8	2.5	3.7	3.7	2.8	2.8	4.9	3.2	4.7	2.5
C.V. (%)	23.1	5.0	19.3	8.1	10.4	15.7	4.4	28.3	25.4	24.6	27.3	21.6	23.0	26.9	33.8	28.3	26.9	21.2

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 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT LOGAN, UT 1/
2019 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	COLOR NOVEMBER	APR	MAY	JUN	QUALITY RATINGS				MEAN
							JUL	AUG	SEP	OCT	
MACDONALD (DLFPS-AP/3018)	7.0	4.7	7.3	6.0	7.0	6.7	6.7	6.3	6.7	6.7	6.6
NIGHTLIFE	8.0	3.0	4.7	6.0	5.7	7.0	6.7	6.3	7.3	7.0	6.6
DLFPS-AP/3058	7.0	5.0	6.3	5.7	6.3	6.7	6.3	6.3	6.7	7.0	6.4
PURE SELECT	6.7	4.3	6.0	6.3	6.0	6.7	6.3	6.3	7.0	6.3	6.4
777 (DLFPS-AP/3054)	7.0	4.7	6.0	5.7	6.3	6.7	5.7	6.7	6.7	6.7	6.3
PURE ECLIPSE (PST-ROPS)	7.0	4.7	6.0	6.0	4.7	7.0	6.3	6.3	7.3	6.7	6.3
V-8	7.0	5.7	6.0	5.7	6.0	6.7	6.0	6.3	6.7	6.7	6.3
KINGDOM	8.0	3.7	4.3	5.7	5.3	6.7	6.0	7.0	6.3	6.7	6.2
L-93 XD	6.7	4.3	5.3	6.3	5.3	6.7	6.3	5.3	6.7	6.7	6.2
TOUR PRO (GDE)	7.0	3.7	5.7	5.3	6.7	6.0	6.3	5.7	7.0	6.3	6.2
ARMOR	8.0	3.7	4.0	5.3	5.7	6.0	6.0	6.7	6.3	7.0	6.1
LUMINARY	7.0	4.7	5.7	5.0	6.0	6.0	5.3	6.0	7.0	6.3	6.0
PIRANHA (DC-1)	7.0	4.7	6.3	6.0	5.7	6.3	5.3	6.0	5.7	6.7	6.0
BARRACUDA	6.3	4.0	6.3	5.7	6.0	5.7	5.3	6.3	6.0	6.0	5.9
PENN A-1	7.3	4.7	4.7	5.0	4.7	6.7	5.0	6.3	6.0	6.7	5.8
SHARK	6.3	4.3	5.7	4.7	6.0	6.0	5.0	6.0	6.3	6.0	5.7
DLFPS-AP/3056	7.3	4.7	6.7	5.0	4.3	5.7	5.0	6.0	6.3	6.7	5.6
DLFPS-AP/3059	6.7	4.0	6.0	5.0	5.7	6.3	5.3	5.3	5.0	6.0	5.5
DECLARATION	6.0	4.7	5.7	5.0	5.0	5.7	4.0	5.3	6.3	6.3	5.4
PENNCROSS	5.3	2.7	4.0	2.7	2.3	3.7	2.0	3.7	3.0	4.0	3.0
LSD VALUE	0.6	1.4	1.0	1.3	3.8	1.0	1.4	1.7	1.5	0.9	0.8
C.V. (%)	5.3	17.4	11.2	13.5	26.6	9.5	14.8	13.9	13.4	8.2	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 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST AT LOGAN (REDUCED IRRIGATION), UT 1/ 2019 DATA

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

NAME	SPRING	COLOR	APR	MAY	JUN	QUALITY RATINGS			OCT	MEAN
	GREENUP	NOVEMBER				JUL	AUG	SEP		
BARRACUDA	5.0	6.0	5.3	6.7	6.0	6.3	5.0	4.7	5.7	5.7
DLFPS-AP/3058	4.7	6.7	6.3	5.0	6.0	5.7	5.3	5.0	5.7	5.6
MACDONALD (DLFPS-AP/3018)	5.0	6.7	6.0	5.3	5.7	5.0	5.3	5.0	6.0	5.5
KINGDOM	3.0	4.7	5.7	5.3	5.7	5.3	5.3	5.7	5.7	5.5
PURE SELECT	3.7	5.0	5.3	4.7	6.3	6.0	5.3	5.0	5.7	5.5
V-8	5.0	6.3	5.0	5.3	6.0	5.7	5.3	5.3	5.7	5.5
ARMOR	3.0	4.7	5.0	5.3	5.7	6.0	5.3	5.0	5.7	5.4
PENN A-1	4.0	4.3	5.0	5.3	6.0	5.0	5.3	5.0	6.0	5.4
NIGHTLIFE	3.3	5.0	4.7	5.3	5.7	6.0	5.7	4.7	5.3	5.3
PIRANHA (DC-1)	5.0	6.3	6.0	5.0	5.3	5.3	5.0	4.7	5.7	5.3
777 (DLFPS-AP/3054)	5.0	6.0	5.0	5.7	5.7	5.7	5.0	4.0	5.3	5.2
DLFPS-AP/3059	4.0	6.3	4.3	6.0	5.7	4.7	5.3	4.7	5.7	5.2
TOUR PRO (GDE)	4.3	5.7	5.3	5.0	5.7	4.7	5.0	5.0	5.3	5.1
LUMINARY	4.3	6.3	4.0	5.0	5.3	4.7	5.0	5.0	5.7	5.0
L-93 XD	4.7	5.3	5.0	4.7	6.0	5.3	4.3	4.0	4.7	4.9
SHARK	4.0	5.3	4.7	4.3	5.3	5.3	5.3	4.0	5.0	4.9
PURE ECLIPSE (PST-ROPS)	4.7	6.0	5.3	3.3	5.0	5.0	4.7	4.0	5.3	4.7
DLFPS-AP/3056	4.0	6.7	3.7	4.3	5.0	4.7	4.3	4.0	4.7	4.4
DECLARATION	4.7	5.7	4.3	4.0	5.0	4.7	3.7	4.0	4.3	4.3
PENNCROSS	3.0	3.7	2.3	2.3	4.3	2.3	3.7	3.0	4.3	3.2
LSD VALUE	1.0	1.3	1.6	1.9	2.4	1.3	1.5	1.3	1.4	0.9
C.V. (%)	13.7	13.5	18.0	20.0	14.6	14.3	14.0	14.6	11.8	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.