

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/
2017 DATA

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

NAME	GENETIC COLOR	SUMMER DENSITY	FALL DENSITY	PINK SNOW MOLD	QUALITY RATINGS												MEAN
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
L-93 XD	7.0	6.7	7.0	8.0	6.7	7.0	6.7	7.3	7.3	7.0	6.7	6.7	7.0	7.0	6.7	7.3	6.9
PURE SELECT	5.3	7.3	7.0	6.0	6.3	6.0	7.0	6.7	7.0	7.3	7.0	6.7	7.0	7.7	6.7	7.7	6.9
777 (DLFPS-AP/3054)	7.0	7.0	6.3	8.7	6.7	7.0	6.7	6.7	7.3	7.0	6.3	6.7	6.7	6.7	6.7	7.0	6.8
PST-ROPS	7.0	7.0	7.0	6.0	6.0	5.7	6.0	6.3	7.0	7.0	6.3	6.3	7.0	7.3	6.7	7.3	6.6
DLFPS-AP/3058	6.7	6.3	6.7	6.7	6.0	6.3	6.0	6.7	6.7	6.3	6.3	6.7	6.7	7.0	6.7	7.0	6.5
SHARK	6.7	6.7	6.7	7.0	6.3	6.0	6.3	6.0	7.3	6.7	6.3	6.3	6.7	7.3	6.0	7.0	6.5
ARMOR	8.0	6.0	6.3	7.7	6.7	6.0	6.7	6.0	7.0	6.0	6.3	6.0	6.7	6.0	6.3	7.0	6.4
BARRACUDA	6.7	6.7	6.3	8.0	6.3	6.0	6.7	6.3	6.7	6.7	6.0	6.0	6.3	6.3	6.0	7.0	6.4
DLFPS-AP/3056	7.3	6.0	6.7	7.0	6.0	6.0	6.0	5.7	7.0	6.3	5.7	6.0	6.7	7.0	6.7	7.3	6.4
KINGDOM	8.3	6.0	6.3	8.0	6.0	5.0	6.3	6.3	6.3	6.0	6.7	6.3	6.7	7.0	6.3	7.3	6.4
NIGHTLIFE	8.3	6.0	7.0	8.0	6.7	6.0	7.0	6.3	6.7	6.0	6.3	6.0	6.7	6.3	6.3	7.0	6.4
PIRANHA (DC-1)	7.0	7.0	6.3	6.7	6.0	6.0	6.0	6.0	7.0	6.7	6.0	6.0	6.3	7.0	6.3	7.0	6.4
TOUR PRO (GDE)	6.7	6.3	6.3	7.7	6.3	6.0	6.3	6.7	7.0	6.0	6.0	6.0	7.0	6.0	6.0	7.0	6.4
V-8	7.0	6.7	6.7	8.0	6.0	6.0	6.0	6.0	6.7	6.7	6.7	6.0	7.0	6.7	6.7	7.0	6.4
DLFPS-AP/3018	7.0	7.0	6.7	6.3	6.0	5.7	6.0	6.3	7.0	6.7	6.0	6.0	6.3	6.3	6.3	7.0	6.3
LUMINARY	7.0	6.0	6.0	7.7	6.0	5.3	6.0	6.3	7.0	5.7	6.0	6.3	6.0	6.0	6.3	7.0	6.2
PENN A-1	7.0	5.7	6.0	7.0	6.0	5.7	6.0	6.3	7.0	6.0	6.0	6.0	6.0	6.7	6.0	7.0	6.2
DLFPS-AP/3059	6.7	5.3	6.0	8.0	5.7	5.0	6.0	6.0	6.3	5.7	6.0	6.0	6.0	6.0	6.0	7.0	6.0
DECLARATION	8.0	5.7	5.3	7.3	6.0	5.0	6.0	6.0	6.0	5.0	5.7	5.7	6.0	6.0	5.3	7.0	5.8
PENNGROSS	6.0	4.0	4.7	8.0	5.0	3.3	4.7	4.7	5.7	4.0	4.3	5.0	5.0	4.0	4.7	4.0	4.5
LSD VALUE	0.7	0.6	0.8	1.2	0.7	0.5	0.6	0.8	0.7	0.7	0.8	1.1	0.7	0.7	1.2	0.4	0.3
C.V. (%)	6.3	6.7	7.4	9.1	6.5	5.6	6.0	7.2	6.0	6.9	7.4	8.1	6.4	6.8	9.4	4.1	3.2

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 2.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT LOS ANGELES (LOS ANGELES COUNTRY CLUB), CA 1/
2017 DATA

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

NAME	GENETIC COLOR	SPRING DENSITY	SUMMER DENSITY	QUALITY RATINGS												MEAN
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PURE ECLIPSE (PST-ROPS)	7.3	7.3	7.3	7.0	7.3	7.3	8.0	8.0	6.7	8.0	8.0	8.0	7.0	5.7	7.7	7.4
DLFPS-AP/3018	6.7	7.3	7.0	6.3	7.0	7.0	7.0	7.3	6.0	7.3	7.0	7.0	7.0	6.7	7.7	6.9
777 (DLFPS-AP/3054)	7.0	7.0	7.0	6.7	7.0	6.7	6.7	7.0	6.0	7.0	6.7	7.0	6.7	5.7	7.3	6.7
DLFPS-AP/3058	7.0	7.3	7.0	6.7	7.0	7.0	7.3	7.0	5.3	7.0	6.3	6.7	7.0	5.7	7.0	6.7
L-93 XD	6.7	7.0	7.0	6.3	7.0	7.3	7.7	7.3	5.0	7.0	6.3	7.0	6.7	5.0	7.3	6.7
PIRANHA (DC-1)	7.3	7.0	7.0	6.3	7.0	7.0	7.0	7.3	5.7	7.3	6.3	6.7	6.3	6.0	7.3	6.7
SHARK	7.0	6.7	7.0	6.7	6.7	7.0	7.0	7.0	5.3	7.7	6.3	7.3	7.0	5.7	7.0	6.7
DLFPS-AP/3056	7.3	7.0	6.7	6.7	6.7	6.7	6.7	7.0	6.0	7.0	6.0	6.7	6.7	6.0	7.0	6.6
V-8	7.3	6.7	6.7	6.7	7.0	7.0	7.0	6.7	5.7	7.0	6.0	6.3	6.7	5.7	7.0	6.6
TOUR PRO (GDE)	7.0	6.7	6.7	6.7	6.7	6.7	6.3	7.0	5.3	7.3	6.3	6.7	6.7	5.0	7.0	6.5
LUMINARY	7.0	6.7	6.7	6.7	7.0	7.0	7.0	6.3	5.0	6.7	6.0	6.7	7.0	5.3	6.0	6.4
BARRACUDA	7.0	6.3	6.3	6.3	6.7	6.7	6.7	6.7	5.0	6.3	6.3	6.3	6.3	5.3	6.7	6.3
PURE SELECT	7.0	6.7	6.7	6.0	6.0	6.3	6.3	7.0	4.7	7.0	6.0	6.7	6.7	5.0	6.3	6.2
ARMOR	8.0	7.0	6.3	6.0	6.3	6.7	6.7	6.3	4.3	6.7	6.0	6.3	6.7	4.3	6.3	6.1
PENN A-1	7.7	6.3	6.3	7.0	7.0	6.7	6.0	6.7	4.3	7.0	5.3	5.3	6.0	3.3	7.0	6.0
DLFPS-AP/3059	6.7	6.3	6.3	6.0	6.3	6.0	5.7	6.0	4.0	6.0	5.3	5.7	5.3	4.3	6.0	5.6
NIGHTLIFE	8.0	7.0	6.0	6.3	6.3	6.7	6.7	6.0	4.0	6.0	5.0	5.7	5.7	4.0	5.3	5.6
DECLARATION	6.3	6.3	6.0	6.0	6.3	6.0	6.0	6.0	4.0	5.7	4.7	5.7	5.7	4.7	5.7	5.5
KINGDOM	7.7	6.3	6.0	6.0	6.0	6.0	6.0	6.0	4.7	6.0	5.0	5.7	5.3	3.7	5.7	5.5
PENNCROSS	5.7	5.0	6.0	6.0	6.0	5.3	5.0	4.0	2.0	4.0	4.0	3.7	4.7	4.0	4.7	4.4
LSD VALUE	0.9	0.8	0.7	1.6	0.7	0.9	0.7	0.6	0.9	0.5	1.1	1.1	1.0	1.4	1.3	0.4
C.V. (%)	7.0	7.1	6.0	8.6	5.8	7.4	6.3	5.6	11.6	5.1	11.0	10.3	9.3	16.0	11.2	4.1

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 BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT ATHENS, GA 1/
2017 DATA

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

NAME	GENETIC COLOR	DENSITY RATINGS			WINTER COLOR	DOLLAR SPOT	BROWN PATCH		QUALITY RATINGS											
		SPRING	SUMMER	FALL			WARM	TEMP.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
DLFPS-AP/3058	7.0	7.7	7.0	7.0	7.3	9.0	8.7	7.3	7.7	8.0	8.3	8.0	7.7	7.3	7.0	7.3	7.0	7.0	8.0	7.6
PST-ROPS	7.0	7.0	7.0	7.0	7.0	8.0	8.3	7.7	7.7	7.3	8.7	8.0	7.0	7.0	7.0	7.3	7.0	7.0	7.3	7.4
PURE SELECT	7.0	7.3	7.0	7.0	7.3	8.3	8.3	7.3	7.3	7.3	8.7	7.7	7.0	7.0	6.3	7.3	7.3	7.3	7.7	7.4
LUMINARY	7.0	7.0	7.0	7.0	7.0	8.3	8.7	7.0	7.3	7.7	8.7	8.0	7.3	7.3	6.3	7.3	7.0	7.0	6.7	7.3
NIGHTLIFE	8.0	7.0	7.0	7.0	7.7	9.0	8.7	6.3	6.3	7.0	8.0	7.7	7.3	7.3	6.7	7.0	7.3	7.0	7.0	7.1
PIRANHA (DC-1)	7.0	6.7	6.7	7.0	6.7	8.7	8.7	6.0	6.3	6.3	7.3	7.0	6.7	7.7	6.7	7.7	7.7	7.7	7.3	7.0
777 (DLFPS-AP/3054)	7.0	6.0	7.0	7.0	6.7	8.3	8.7	6.0	6.0	6.0	7.3	7.0	6.7	7.0	6.3	7.0	7.0	7.0	8.0	6.8
ARMOR	7.7	6.3	6.7	7.0	7.3	7.7	8.0	6.3	6.0	6.3	7.3	7.3	6.7	6.7	6.7	6.7	7.0	7.0	7.3	6.8
DLFPS-AP/3056	7.0	6.7	7.3	7.0	6.7	8.3	8.3	6.0	6.0	6.0	7.3	7.0	7.3	7.3	6.7	7.0	7.0	7.0	7.3	6.8
DLFPS-AP/3018	7.0	5.3	6.3	7.0	6.3	8.0	8.3	4.7	4.7	5.0	6.7	6.0	6.0	6.7	6.3	7.0	7.0	7.0	7.0	6.2
DLFPS-AP/3059	6.7	5.7	6.0	6.7	6.3	9.0	8.3	5.0	5.0	5.3	6.7	6.0	6.0	6.7	6.0	6.7	7.0	7.0	7.7	6.2
SHARK	7.0	5.3	6.3	7.0	6.7	9.0	8.0	5.3	5.3	5.3	6.0	6.0	6.0	6.3	6.0	7.0	7.0	7.0	7.3	6.2
BARRACUDA	7.0	5.3	6.0	6.7	6.7	9.0	8.7	5.3	4.7	5.3	6.3	6.0	6.0	6.0	5.7	6.7	6.7	7.0	7.0	6.1
KINGDOM	7.0	5.3	6.3	7.0	6.3	8.7	8.7	4.7	4.7	5.0	6.3	6.3	6.0	6.3	6.0	7.0	7.0	7.0	7.0	6.1
PENNCROSS	6.0	6.3	5.3	6.0	6.0	9.0	8.3	5.7	5.7	6.0	7.0	6.3	6.0	5.3	5.0	6.0	6.0	6.0	6.3	5.9
PENN A-1	7.0	5.3	5.7	6.7	6.0	9.0	8.3	4.7	4.3	5.0	5.3	5.3	5.3	5.7	5.7	6.7	7.0	7.0	7.3	5.8
TOUR PRO (GDE)	7.0	5.0	6.0	6.7	6.3	9.0	8.7	4.3	4.0	4.7	5.7	5.3	5.7	6.0	6.0	7.0	7.0	7.0	7.0	5.8
V-8	6.7	5.3	6.0	6.3	6.0	8.7	8.0	4.7	4.7	5.3	5.3	5.7	5.7	6.0	5.3	6.3	6.3	6.7	6.7	5.7
DECLARATION	6.0	4.0	5.0	5.7	5.0	9.0	8.0	4.0	3.7	4.0	5.3	5.0	5.0	5.3	5.3	6.0	5.7	6.0	6.0	5.1
L-93 XD	6.3	5.0	5.0	5.3	5.7	8.7	8.7	4.3	4.3	4.3	5.7	5.3	5.0	5.3	5.0	5.3	5.3	5.7	5.7	5.1
LSD VALUE	0.7	1.8	1.8	2.3	1.6	0.5	1.7	1.8	1.9	1.6	2.1	1.9	2.0	1.9	2.0	1.9	1.9	1.3	1.5	1.5
C.V. (%)	5.8	16.4	13.2	12.0	11.5	3.7	6.2	18.0	19.6	16.2	16.5	15.5	15.1	13.8	13.6	11.5	11.5	8.5	10.1	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 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT AMES, IA 1/
2017 DATA

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

NAME	GENETIC	DOLLAR	QUALITY RATINGS							MEAN
	COLOR	SPOT	APR	MAY	JUN	JUL	AUG	SEP	OCT	
PIRANHA (DC-1)	7.7	8.3	7.0	8.0	8.3	8.7	8.0	8.3	7.3	8.0
DLFPS-AP/3058	7.3	9.0	7.0	7.0	8.3	8.3	7.3	8.3	7.0	7.6
BARRACUDA	6.7	9.0	6.7	7.0	8.3	8.0	7.3	7.7	7.3	7.5
777 (DLFPS-AP/3054)	7.3	8.7	7.0	7.0	8.3	7.7	7.0	7.3	6.3	7.2
PURE SELECT	7.3	7.7	7.0	8.0	7.7	7.7	7.0	7.0	6.3	7.2
DLFPS-AP/3056	7.3	8.7	6.0	6.3	7.3	7.3	7.7	8.3	6.7	7.1
L-93 XD	7.0	9.0	6.0	7.3	7.3	8.0	7.3	6.7	7.3	7.1
GDE	8.0	8.7	6.7	6.7	7.7	8.0	6.7	6.7	7.0	7.0
LUMINARY	7.0	8.3	6.0	6.3	7.0	7.7	7.3	7.3	7.7	7.0
PST-ROPS	8.7	7.0	7.7	7.3	8.0	8.3	5.3	5.7	6.3	7.0
SHARK	7.0	7.7	6.7	6.7	7.3	7.3	6.7	6.7	6.3	6.8
V-8	7.0	8.7	6.0	5.7	7.0	7.3	7.0	6.7	6.3	6.6
DLFPS-AP/3018	7.3	8.7	5.7	6.0	6.7	7.3	6.7	6.7	6.0	6.4
DLFPS-AP/3059	6.7	9.0	5.7	6.3	6.7	6.3	7.3	6.0	6.0	6.3
NIGHTLIFE	9.0	8.0	5.0	6.0	6.7	5.7	7.3	7.0	6.3	6.3
DECLARATION	7.0	9.0	6.0	5.7	6.3	6.3	6.3	7.0	6.0	6.2
ARMOR	9.0	6.7	5.7	5.3	6.3	5.7	6.3	6.7	6.0	6.0
PENN A-1	6.7	8.7	5.3	5.0	5.7	6.0	6.7	7.3	6.3	6.0
KINGDOM	9.0	8.3	4.7	5.0	6.0	5.3	6.0	5.7	6.0	5.5
PENNCROSS	6.0	9.0	4.0	4.7	4.7	5.0	5.7	5.0	5.3	4.9
LSD VALUE	1.6	1.1	1.5	1.1	1.7	1.6	2.4	1.3	1.4	0.7
C.V. (%)	11.6	7.2	14.0	10.3	13.2	13.1	14.0	10.8	10.6	6.8

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 AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST AT GLENVIEW (NORTH SHORE COUNTRY CLUB), IL 1/ 2017 DATA

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

NAME	SPRING	QUALITY RATINGS					MEAN
	GREENUP	APR	MAY	JUN	JUL		
GDE	5.7	4.7	4.0	6.0	6.3	5.3	
777 (DLFPS-AP/3054)	6.7	5.0	3.7	5.0	6.7	5.1	
DLFPS-AP/3056	6.3	4.3	3.3	4.7	6.7	4.8	
DLFPS-AP/3059	6.3	4.0	3.7	4.7	6.3	4.7	
PENN A-1	5.7	4.3	3.0	4.7	6.7	4.7	
PIRANHA (DC-1)	6.0	4.0	3.7	5.0	5.7	4.6	
PST-ROPS	6.7	3.7	3.3	4.7	6.7	4.6	
SHARK	6.0	4.7	3.3	4.0	6.3	4.6	
V-8	6.0	4.3	3.0	4.3	6.7	4.6	
NIGHTLIFE	5.7	4.0	3.0	4.3	6.7	4.5	
PURE SELECT	6.0	3.7	3.0	5.0	6.3	4.5	
DLFPS-AP/3058	6.0	3.7	3.3	4.7	6.0	4.4	
ARMOR	6.0	3.7	3.3	4.3	6.0	4.3	
BARRACUDA	6.0	4.3	3.0	4.0	5.7	4.3	
DLFPS-AP/3018	6.3	3.3	3.3	4.3	6.3	4.3	
LUMINARY	6.3	3.7	3.0	4.0	6.3	4.3	
PENNCROSS	6.3	3.7	3.0	4.7	6.0	4.3	
DECLARATION	6.3	3.3	2.7	3.7	5.7	3.8	
KINGDOM	6.3	4.0	3.0	3.3	4.7	3.8	
L-93 XD	6.3	3.0	2.7	3.3	5.7	3.7	
LSD VALUE	2.7	2.3	2.1	2.7	2.0	1.4	
C.V. (%)	12.0	20.7	20.6	22.2	12.4	12.8	

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 6.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT WEST LAFAYETTE, IN 1/
2017 DATA

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

NAME	GENETIC	SPRING	LEAF	SUMMER	WINTER	DOLLAR	QUALITY RATINGS							MEAN
	COLOR	GREENUP	TEXTURE	DENSITY	COLOR	SPOT	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
PURE SELECT	7.0	5.7	8.0	7.7	8.0	6.7	7.3	7.0	7.3	8.0	7.7	7.7	6.7	7.4
V-8	7.0	7.3	8.0	8.0	7.3	8.7	7.7	7.3	7.0	8.0	7.7	7.3	6.7	7.4
PST-ROPS	5.7	6.3	9.0	8.7	7.7	6.7	7.3	6.0	6.3	8.3	8.0	7.3	7.0	7.2
DLFPS-AP/3018	7.0	6.7	7.3	6.7	7.7	8.3	7.7	6.3	5.7	7.7	7.7	7.3	6.7	7.0
KINGDOM	8.7	6.3	7.3	8.3	5.7	7.7	7.3	6.7	6.3	7.7	7.3	7.3	6.7	7.0
NIGHTLIFE	9.0	6.7	6.7	7.7	4.7	7.0	7.7	7.0	6.0	7.7	7.0	7.7	6.3	7.0
PIRANHA (DC-1)	6.3	8.0	7.7	7.3	8.3	8.7	7.7	6.7	5.7	8.0	7.7	7.3	6.3	7.0
SHARK	6.0	7.3	7.3	8.0	8.0	7.7	7.3	6.3	6.7	7.7	7.7	7.0	6.3	7.0
ARMOR	9.0	6.3	7.3	7.7	5.0	5.3	7.3	7.0	6.0	8.0	7.0	6.7	6.0	6.9
LUMINARY	7.0	8.3	6.7	7.0	9.0	8.3	6.3	7.0	7.0	7.7	6.3	7.0	6.0	6.8
DLFPS-AP/3056	6.7	5.0	7.0	6.7	7.3	8.0	7.7	6.0	5.7	7.3	7.3	7.0	6.0	6.7
DLFPS-AP/3059	6.7	5.7	5.7	6.3	6.7	8.7	6.7	7.3	7.0	7.0	6.3	7.0	5.7	6.7
DLFPS-AP/3058	5.7	7.7	7.3	6.7	7.3	9.0	7.0	6.0	5.0	7.3	7.3	7.3	6.3	6.6
777 (DLFPS-AP/3054)	6.3	6.0	7.3	7.7	7.3	8.3	7.3	5.7	5.3	7.3	7.0	7.0	6.0	6.5
L-93 XD	5.0	6.7	7.7	6.7	6.7	8.7	6.7	5.3	6.0	6.7	7.0	7.7	6.0	6.5
PENN A-1	7.0	7.0	6.0	6.0	5.3	8.0	6.0	7.0	7.0	6.7	6.3	6.7	6.0	6.5
DECLARATION	6.3	7.3	6.3	5.7	8.3	9.0	5.7	6.7	6.3	6.7	6.7	6.7	5.7	6.3
GDE	5.3	6.3	7.3	8.0	7.7	9.0	5.7	6.0	4.7	7.3	7.0	7.3	6.3	6.3
BARRACUDA	6.7	7.7	7.0	7.0	7.3	8.7	6.3	5.7	4.3	7.3	6.7	7.0	6.3	6.2
PENNCROSS	6.3	5.7	5.7	5.7	6.3	8.3	5.0	6.3	6.0	5.7	5.7	6.3	5.3	5.8
LSD VALUE	1.1	1.5	1.1	1.1	1.4	1.5	1.4	3.0	3.9	0.8	1.2	2.8	1.1	1.2
C.V. (%)	10.5	12.5	9.1	9.0	11.9	10.5	11.4	15.6	22.4	6.7	8.8	11.3	8.1	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 7. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST AT MANHATTAN, KS 1/ 2017 DATA

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

NAME	DOLLAR SPOT	QUALITY RATINGS						MEAN
		APR	MAY	JUN	JUL	AUG	OCT	
DLFPS-AP/3018	8.3	5.0	7.7	8.7	7.7	8.3	8.0	7.6
DLFPS-AP/3058	9.0	5.3	6.7	8.7	7.7	8.0	8.0	7.4
DECLARATION	9.0	5.0	7.0	8.0	6.0	8.0	7.7	6.9
PURE SELECT	8.0	5.0	7.0	8.3	6.3	6.7	8.0	6.9
777 (DLFPS-AP/3054)	9.0	4.7	6.3	8.3	6.7	7.7	7.0	6.8
BARRACUDA	8.3	5.0	6.0	8.0	6.7	7.0	7.7	6.7
DLFPS-AP/3059	8.3	5.0	6.0	8.3	7.0	7.0	7.0	6.7
GDE	9.0	4.7	7.0	8.0	6.7	6.7	7.0	6.7
NIGHTLIFE	6.7	4.7	6.3	8.7	7.3	6.3	6.7	6.7
V-8	8.7	4.7	5.7	8.3	6.7	7.3	7.3	6.7
PENN A-1	9.0	5.3	7.3	8.0	6.0	6.3	6.3	6.6
KINGDOM	8.3	4.7	6.3	7.0	6.3	6.7	7.3	6.4
L-93 XD	9.0	4.7	6.0	8.0	6.0	6.3	7.7	6.4
PST-ROPS	9.0	4.7	6.0	7.7	6.3	6.7	7.3	6.4
DLFPS-AP/3056	9.0	5.3	7.0	7.7	5.7	6.0	6.3	6.3
LUMINARY	9.0	4.3	6.7	7.0	5.7	6.7	7.0	6.2
SHARK	8.7	5.0	6.0	7.3	6.3	6.3	6.3	6.2
PENNCROSS	9.0	3.7	5.3	6.7	6.0	6.7	7.3	5.9
ARMOR	4.7	4.0	6.0	7.7	5.3	4.7	6.0	5.6
PIRANHA (DC-1)	8.3	4.7	5.7	6.7	5.3	5.7	5.3	5.6
LSD VALUE	0.9	2.6	2.9	1.9	5.1	3.4	3.4	1.9
C.V. (%)	7.0	16.9	15.8	10.5	23.3	19.1	16.7	11.4

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 RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT LEXINGTON, KY 1/
2017 DATA

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

NAME	QUALITY RATINGS							MEAN
	APR	MAY	JUN	JUL	AUG	SEP	OCT	
PIRANHA (DC-1)	7.0	7.7	7.3	8.0	8.0	7.3	8.0	7.6
GDE	6.7	7.7	7.7	7.7	7.7	7.3	7.7	7.5
L-93 XD	7.3	7.3	8.0	7.3	7.3	8.0	7.3	7.5
PST-ROPS	7.0	6.7	7.3	8.0	8.3	7.7	7.7	7.5
777 (DLFPS-AP/3054)	7.0	6.3	7.3	7.3	8.0	7.3	7.3	7.2
DLFPS-AP/3058	6.7	7.3	7.3	7.0	7.7	7.3	7.3	7.2
LUMINARY	7.0	6.3	7.0	7.3	8.0	7.3	7.3	7.2
BARRACUDA	6.7	7.0	7.0	7.0	7.3	7.3	7.3	7.1
DECLARATION	7.0	7.3	7.0	6.3	7.3	7.3	7.3	7.1
DLFPS-AP/3018	6.7	6.7	7.3	7.3	7.7	7.0	7.0	7.1
DLFPS-AP/3056	7.3	6.7	7.0	7.0	7.7	7.0	7.0	7.1
V-8	7.3	7.0	7.0	6.7	7.7	7.0	7.3	7.1
PURE SELECT	6.3	6.0	7.0	7.0	7.7	7.3	7.0	6.9
KINGDOM	5.7	6.3	7.0	7.0	7.3	7.0	7.3	6.8
NIGHTLIFE	6.0	6.0	7.0	7.0	7.3	7.0	7.0	6.8
SHARK	7.0	6.0	6.3	6.7	7.7	7.0	7.0	6.8
ARMOR	5.3	5.7	7.0	7.0	7.3	7.0	7.0	6.6
DLFPS-AP/3059	6.3	6.3	6.3	6.3	7.0	7.0	7.0	6.6
PENN A-1	6.3	6.7	6.7	5.7	7.3	6.3	7.0	6.6
PENNCROSS	5.3	5.0	5.3	4.0	6.0	4.7	5.3	5.1
LSD VALUE	0.9	0.7	0.7	0.6	0.8	0.7	0.6	0.4
C.V. (%)	7.8	7.0	5.9	6.0	6.0	6.2	5.4	3.4

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 GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2017 DATA

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

NAME	SPRING GREENUP	WEAR TOLERANCE RATINGS				QUALITY RATINGS							MEAN
		MAY	JULY	SEPTEMBER	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
DLFPS-AP/3018	4.7	5.3	6.0	6.3	3.7	6.0	5.7	7.0	6.7	5.7	6.3	6.7	6.0
PST-ROPS	4.3	5.3	5.7	6.3	2.7	6.3	6.7	6.7	6.7	6.0	6.3	6.7	6.0
L-93 XD	4.0	6.3	5.0	4.7	4.0	6.0	6.3	6.3	6.0	5.3	6.7	6.3	5.9
777 (DLFPS-AP/3054)	4.3	6.3	5.3	5.0	3.3	5.3	5.3	5.3	5.7	5.0	6.3	5.7	5.3
GDE	4.3	5.7	6.0	6.0	2.0	5.0	6.0	5.7	6.0	5.3	6.3	6.0	5.3
PIRANHA (DC-1)	4.0	6.0	5.7	5.7	2.7	5.3	6.0	5.7	5.3	5.3	6.0	6.0	5.3
PURE SELECT	2.3	5.3	5.3	5.3	2.0	5.7	6.0	6.0	6.0	5.3	6.0	5.7	5.3
LUMINARY	4.0	5.7	5.3	4.7	3.3	5.7	5.3	5.7	5.3	5.0	6.0	5.3	5.2
DLFPS-AP/3058	4.0	4.7	5.3	4.7	2.7	5.7	5.7	5.7	5.3	4.7	5.3	5.7	5.1
BARRACUDA	4.3	5.0	4.7	4.7	2.7	5.7	5.7	5.7	5.3	5.0	5.3	5.0	5.0
DLFPS-AP/3056	3.3	5.3	5.7	5.3	2.7	5.3	5.7	5.7	5.3	5.0	5.7	5.0	5.0
KINGDOM	2.3	5.3	6.3	5.7	2.0	5.0	5.7	6.0	6.0	5.0	5.3	5.0	5.0
NIGHTLIFE	2.3	5.7	5.7	5.3	2.0	4.7	5.0	5.7	5.3	4.7	6.0	5.0	4.8
V-8	2.7	4.3	5.0	5.0	2.3	5.3	5.7	5.7	4.7	4.7	5.3	5.0	4.8
DLFPS-AP/3059	3.3	5.0	5.0	5.0	2.3	5.3	4.7	5.0	5.0	4.7	5.3	4.7	4.6
SHARK	3.0	4.3	4.3	5.0	2.0	5.0	5.3	5.3	4.7	4.3	5.7	4.7	4.6
ARMOR	2.3	6.0	6.0	5.7	2.3	4.3	4.7	5.3	5.0	4.0	5.7	5.0	4.5
DECLARATION	3.3	5.0	4.7	4.3	2.7	4.0	5.0	5.0	4.7	4.0	5.0	4.0	4.3
PENN A-1	2.0	5.0	5.0	4.3	2.0	4.0	5.0	5.3	4.7	4.3	5.0	4.3	4.3
PENNCROSS	2.0	3.3	3.7	3.0	2.0	3.0	3.7	4.0	3.0	3.0	3.3	3.3	3.2
LSD VALUE	0.9	1.1	1.0	1.0	0.7	0.7	0.8	0.8	0.7	0.7	0.8	0.7	0.4
C.V. (%)	17.7	12.4	10.5	11.8	16.8	8.2	9.1	8.7	8.9	8.7	8.7	8.3	5.3

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 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT EAST LANSING, MI 1/
2017 DATA

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

NAME	GENETIC COLOR	GREENUP	FALL COLOR NOVEMBER	DOLLAR	DOLLAR	QUALITY RATINGS						MEAN
				SPOT OCT_17	SPOT OCT_19	MAY	JUN	JUL	AUG	SEP	OCT	
PST-ROPS	6.0	4.0	8.0	8.0	7.0	6.7	7.3	7	7.7	8.0	8.0	7.4
DLFPS-AP/3018	6.0	4.7	8.0	8.0	7.0	6.7	7.0	7	7.3	8.0	8.0	7.3
L-93 XD	6.0	4.3	7.3	9.0	8.0	6.3	7.0	7	7.7	8.0	7.7	7.3
777 (DLFPS-AP/3054)	6.0	5.0	7.3	8.0	6.7	6.7	6.7	7	7.3	7.7	8.0	7.2
DLFPS-AP/3056	6.3	4.3	8.0	8.0	7.3	6.3	7.0	7	7.7	8.0	7.3	7.2
GDE	6.0	4.3	8.0	9.0	8.3	6.3	6.7	7	7.0	8.0	8.0	7.2
PIRANHA (DC-1)	6.0	4.3	8.0	8.3	8.0	6.3	6.7	7	7.3	8.0	8.0	7.2
PURE SELECT	6.0	4.0	6.7	7.3	7.3	6.3	7.0	7	7.3	8.0	7.7	7.2
LUMINARY	6.0	4.7	7.0	8.0	7.3	6.0	6.3	7	7.0	7.7	7.3	6.9
V-8	6.3	4.3	7.3	8.7	8.0	6.0	7.0	7	6.7	7.3	7.7	6.9
BARRACUDA	6.0	4.0	7.7	8.7	8.0	5.7	6.7	7	7.0	7.7	7.0	6.8
DLFPS-AP/3058	6.0	5.0	7.3	9.0	8.0	6.0	6.0	7	7.0	7.0	7.3	6.7
SHARK	6.0	4.7	7.0	7.7	7.0	6.0	6.3	7	6.7	7.0	7.0	6.7
DLFPS-AP/3059	6.0	3.3	7.7	8.0	7.0	5.3	6.0	7	6.7	7.3	7.0	6.6
PENN A-1	6.3	2.0	6.3	8.7	8.0	5.0	5.7	6	6.7	7.0	6.7	6.2
DECLARATION	6.0	3.3	7.0	8.7	8.0	5.0	5.3	6	6.0	7.0	6.0	5.9
NIGHTLIFE	7.7	3.0	7.3	7.7	7.3	5.0	5.3	6	6.0	6.3	7.0	5.9
ARMOR	8.0	3.0	7.0	5.7	4.7	4.7	5.3	6	6.0	6.0	6.0	5.7
KINGDOM	8.0	3.0	7.0	6.7	5.3	4.3	5.0	6	6.0	5.7	6.0	5.5
PENNCROSS	5.0	2.0	4.3	7.3	7.0	4.0	5.0	5	4.0	4.0	5.0	4.5
LSD VALUE	0.4	1.0	0.8	1.2	1.1	0.9	0.8	0	0.9	0.6	0.6	0.4
C.V. (%)	4.2	15.8	6.8	8.9	9.4	10.0	8.1	0	8.0	5.3	5.7	3.8

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 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT ST. PAUL, MN 1/
2017 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS						MEAN
			APR	MAY	JUN	JUL	AUG	SEP	
BARRACUDA	4.7	4.3	5.7	6.0	6.0	7.0	6.7	7.7	6.5
DECLARATION	4.7	4.0	6.0	6.3	6.3	6.3	6.7	6.7	6.4
L-93 XD	3.7	5.0	5.7	5.7	6.7	6.7	6.7	7.3	6.4
DLFPS-AP/3058	4.0	5.0	5.7	5.3	7.0	6.0	6.7	7.0	6.3
GDE	3.7	4.3	5.3	5.0	6.7	6.3	6.3	7.0	6.1
V-8	4.0	3.7	4.7	4.3	6.7	7.3	6.0	7.0	6.0
DLFPS-AP/3056	5.7	4.3	5.0	5.3	6.7	7.3	5.7	5.7	5.9
PIRANHA (DC-1)	5.0	3.7	5.3	4.7	6.0	6.0	6.7	7.0	5.9
LUMINARY	6.0	2.7	4.7	5.0	6.0	5.7	6.0	6.7	5.7
777 (DLFPS-AP/3054)	5.7	4.0	4.3	5.3	7.0	6.0	5.0	6.0	5.6
DLFPS-AP/3018	5.0	3.7	5.0	5.0	7.0	6.0	5.0	5.0	5.5
DLFPS-AP/3059	4.3	2.7	4.0	5.0	7.0	5.7	5.3	5.7	5.4
NIGHTLIFE	9.0	2.0	3.7	4.7	6.3	6.7	5.0	5.3	5.3
PENN A-1	6.0	3.0	4.3	4.7	6.3	5.7	5.0	5.7	5.3
KINGDOM	9.0	2.0	4.0	4.7	7.0	6.3	4.7	4.7	5.2
SHARK	4.3	2.7	4.0	4.3	6.3	6.7	4.7	5.3	5.2
PST-ROPS	4.3	4.0	4.0	4.7	6.3	6.0	4.3	5.0	5.1
PURE SELECT	4.7	3.0	4.0	4.3	6.3	6.3	3.3	4.0	4.7
ARMOR	9.0	1.3	2.0	3.7	5.7	5.7	4.7	5.3	4.5
PENNCROSS	2.7	1.0	2.0	2.3	4.0	3.3	2.7	2.3	2.8
LSD VALUE	0.6	0.9	0.8	0.8	1.0	1.0	0.9	0.9	0.4
C.V. (%)	7.8	17.8	11.7	10.4	9.3	9.9	10.9	10.2	5.0

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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT COLUMBIA, MO 1/
2017 DATA

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

NAME	DOLLAR SPOT	BROWN PATCH WARM TEMP.	COPPER SPOT	QUALITY RATINGS									MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
DLFPS-AP/3058	9.0	6.3	8.7	6.3	6.7	6.0	6.3	6.7	7.0	7.0	7.0	6.6	
BARRACUDA	5.3	7.0	8.3	6.7	6.0	6.0	7.0	6.0	6.0	6.3	6.3	6.3	
L-93 XD	7.7	4.3	7.7	6.0	6.3	6.7	5.0	6.3	6.0	7.3	7.0	6.3	
PIRANHA (DC-1)	7.7	8.0	8.3	5.3	5.3	6.0	7.3	6.3	5.3	6.3	6.0	6.0	
V-8	8.3	7.0	8.3	5.7	5.3	5.7	6.0	5.7	6.3	6.3	6.0	5.9	
GDE	9.0	5.3	6.7	5.3	5.3	6.0	5.3	6.0	6.0	6.3	6.3	5.8	
DLFPS-AP/3056	6.7	7.3	8.0	5.3	5.3	5.7	6.0	5.7	6.0	6.0	5.7	5.7	
DECLARATION	9.0	3.7	4.3	4.0	5.7	4.7	4.7	6.0	6.7	6.7	6.7	5.6	
LUMINARY	8.0	5.7	6.7	5.3	6.3	5.7	5.7	5.7	5.7	5.7	5.0	5.6	
DLFPS-AP/3018	7.0	5.7	8.0	5.7	5.7	6.3	5.0	5.3	5.0	5.3	5.3	5.5	
KINGDOM	6.3	8.0	8.3	5.3	5.0	5.3	6.3	5.7	5.3	5.7	5.3	5.5	
NIGHTLIFE	5.0	7.3	8.0	5.3	5.7	5.7	5.3	5.3	5.7	6.0	4.7	5.5	
PST-ROPS	5.7	6.7	7.3	6.7	6.0	6.3	5.7	5.0	4.7	5.3	4.7	5.5	
PURE SELECT	7.0	7.7	6.3	5.7	5.3	5.7	6.7	4.7	5.3	5.3	5.0	5.5	
SHARK	6.3	6.0	7.7	5.7	5.3	6.3	5.7	5.3	5.0	5.3	5.0	5.5	
DLFPS-AP/3059	7.3	7.0	7.3	4.3	4.7	5.3	6.0	5.7	5.3	5.7	5.7	5.3	
PENN A-1	7.3	3.3	8.0	5.0	4.7	6.0	4.3	5.3	5.3	6.0	5.3	5.3	
777 (DLFPS-AP/3054)	5.7	7.3	7.7	5.3	5.7	5.7	5.7	5.0	4.0	5.3	5.0	5.2	
ARMOR	1.7	9.0	9.0	6.0	5.0	4.3	3.3	3.0	3.0	3.0	2.3	3.8	
PENNCROSS	6.7	7.3	8.7	2.7	2.7	3.0	2.7	2.7	2.3	2.7	3.7	2.8	
LSD VALUE	2.5	6.3	4.6	1.3	1.8	1.6	1.7	1.0	1.0	1.0	1.4	0.7	
C.V. (%)	21.6	35.7	21.7	14.3	17.1	15.0	18.2	11.9	12.5	11.3	15.6	8.1	

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

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

TABLE 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT RALEIGH, NC 1/
2017 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SPRING DENSITY	SUMMER DENSITY	PERCENT GROUND COVER			WINTER COLOR	QUALITY RATINGS										
						SPRING	SUMMER	FALL		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DLFPS-AP/3018	7.0	8.0	8.0	8.0	8.0	99.0	99.0	99.0	8.0	7.3	8.0	8.0	8.0	8.0	8.3	8.0	8.0	8.3	7.7	8.0
PIRANHA (DC-1)	7.0	8.0	8.0	7.7	8.0	99.0	99.0	99.0	7.7	8.0	8.0	8.0	8.0	8.0	8.3	8.0	8.0	8.7	7.0	8.0
DECLARATION	7.0	8.0	7.3	8.0	8.0	99.0	99.0	99.0	7.3	7.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.7	7.9
LUMINARY	7.0	8.0	7.0	8.3	8.0	99.0	99.0	99.0	8.0	7.3	7.3	8.0	8.0	8.0	8.0	8.0	8.0	8.7	8.0	7.9
PENN A-1	7.0	8.0	7.0	8.0	8.0	99.0	99.0	99.0	6.0	7.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.7	7.3	7.9
SHARK	7.0	8.0	8.0	8.0	8.0	99.0	99.0	99.0	6.7	6.7	8.0	7.7	8.0	8.0	8.0	8.0	8.0	9.0	7.3	7.9
777 (DLFPS-AP/3054)	7.0	7.7	7.7	8.3	8.0	99.0	99.0	99.0	7.3	7.0	7.7	8.0	8.0	8.0	8.3	8.0	7.7	8.0	7.3	7.8
BARRACUDA	7.0	8.0	7.0	8.0	8.0	99.0	99.0	99.0	7.3	7.0	7.7	8.0	7.7	8.0	8.0	8.0	8.0	8.7	7.3	7.8
DLFPS-AP/3058	7.0	8.0	7.7	8.0	7.7	99.0	99.0	99.0	7.7	7.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.0	7.8
GDE	7.0	8.0	7.7	8.0	8.0	99.0	99.0	99.0	7.3	7.0	8.0	8.0	8.0	8.0	7.7	8.0	8.0	8.0	7.3	7.8
L-93 XD	7.0	8.0	8.0	8.3	8.0	99.0	99.0	99.0	7.0	7.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.3	7.0	7.8
V-8	7.0	8.0	7.7	8.0	8.0	99.0	99.0	99.0	6.0	6.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.3	7.8
ARMOR	9.0	8.0	7.0	8.0	8.0	99.0	99.0	99.0	6.3	6.7	7.7	8.0	8.0	8.0	8.0	8.0	7.7	8.0	7.0	7.7
DLFPS-AP/3056	7.3	8.0	7.0	7.7	8.0	99.0	99.0	99.0	7.7	7.0	7.7	7.7	8.0	8.0	7.7	7.7	8.0	8.0	7.7	7.7
DLFPS-AP/3059	7.0	8.0	6.7	8.0	7.7	99.0	99.0	99.0	7.0	7.0	7.7	8.0	8.0	8.0	8.0	8.0	7.7	7.7	7.0	7.7
NIGHTLIFE	9.0	8.0	8.0	8.0	8.0	99.0	99.0	99.0	7.0	7.0	7.3	8.0	8.0	8.0	8.0	8.0	7.7	7.7	7.3	7.7
PST-ROPS	7.0	8.0	8.0	8.3	8.3	99.0	99.0	99.0	7.3	6.7	7.3	8.0	8.0	8.0	8.3	7.7	7.7	8.0	7.0	7.7
PURE SELECT	7.0	8.0	7.7	8.0	9.0	99.0	99.0	99.0	7.3	6.7	7.7	8.0	8.0	8.0	8.3	7.3	8.0	8.3	6.7	7.7
KINGDOM	8.7	8.0	7.3	7.7	8.0	99.0	99.0	99.0	6.0	6.3	7.7	8.0	7.7	7.7	8.0	8.0	7.3	7.7	7.0	7.5
PENNGROSS	6.3	8.0	5.3	5.7	6.0	89.7	80.0	90.0	6.0	4.3	5.7	6.0	6.3	6.3	5.7	5.7	6.0	6.0	5.3	5.7
LSD VALUE	0.3	0.4	0.6	0.6	0.3	6.8	6.9	3.5	1.0	0.9	0.7	0.3	0.3	0.3	0.6	0.4	0.5	0.9	0.9	0.2
C.V. (%)	3.1	1.6	5.3	4.4	2.9	2.9	4.0	2.0	8.2	8.2	5.7	2.4	2.7	2.3	4.6	3.2	4.1	6.4	6.8	1.9

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 14. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST AT NORTH BRUNSWICK, NJ 1/ 2017 DATA

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

NAME	TURFGRASS QUALITY				OTHER RATINGS			QUALITY RATINGS			MEAN
	SPRING GREENUP	LEAF TEXTURE	FALL DENSITY	ANTHRACNOSE RATINGS	APR	MAY	JUN	JUL	AUG		
L-93 XD	4.3	7.3	6.7	7.3	7.0	5.7	7.3	7.3	7.3	6.9	
PIRANHA (DC-1)	5.7	6.3	7.0	7.3	6.3	6.0	7.3	7.0	7.3	6.8	
DLFPS-AP/3018	6.3	7.3	7.3	6.7	6.0	5.7	7.0	6.7	6.3	6.3	
DECLARATION	7.7	6.0	5.7	7.0	8.0	6.3	6.3	5.3	4.3	6.1	
LUMINARY	6.3	5.7	5.3	6.7	7.0	5.0	5.3	5.7	5.3	5.7	
V-8	6.0	6.0	6.0	6.0	7.3	4.7	5.7	5.7	5.0	5.7	
777 (DLFPS-AP/3054)	4.3	7.0	6.7	7.7	4.3	5.3	7.0	5.7	5.0	5.5	
KINGDOM	1.3	4.7	4.0	7.7	5.7	5.0	5.7	5.7	4.7	5.3	
NIGHTLIFE	1.7	5.3	5.0	8.0	4.7	5.3	6.0	5.7	4.7	5.3	
DLFPS-AP/3056	6.0	6.0	5.7	6.3	4.7	4.7	5.3	5.7	5.7	5.2	
DLFPS-AP/3059	4.7	5.7	5.7	5.7	5.3	4.0	6.0	5.3	4.3	5.0	
PST-ROPS	4.0	5.3	5.3	6.0	4.3	3.7	6.0	4.7	6.3	5.0	
BARRACUDA	4.7	6.3	5.0	4.7	5.7	4.0	5.0	5.0	4.7	4.9	
DLFPS-AP/3058	4.7	5.7	6.0	5.3	6.3	4.0	5.3	4.7	3.7	4.8	
GDE	4.3	6.0	6.0	5.0	5.3	4.0	5.0	4.7	5.0	4.8	
PURE SELECT	2.0	5.7	6.0	6.3	4.3	4.0	6.0	5.0	3.3	4.5	
SHARK	4.3	6.3	5.7	5.0	4.3	3.7	5.3	5.0	4.0	4.5	
ARMOR	1.0	4.0	4.3	7.7	4.0	4.3	5.0	3.7	3.7	4.1	
PENN A-1	2.0	3.0	3.0	4.7	4.7	3.3	4.3	3.3	2.3	3.6	
PENNCROSS	1.3	1.0	2.0	1.3	2.0	1.0	2.0	1.0	1.0	1.4	
LSD VALUE	1.4	1.8	1.8	2.6	1.2	2.0	2.3	1.7	1.3	1.0	
C.V. (%)	22.6	20.0	19.6	23.8	14.7	24.6	21.5	20.0	17.5	12.8	

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 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT LOGAN, UT 1/
2017 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
PST-ROPS	6.3	7.7	6.0	6.7	6.7	8.0	7.3	8.0	5.7	6.9
NIGHTLIFE	8.0	7.0	5.7	6.7	6.0	7.0	7.7	7.0	7.0	6.7
DLFPS-AP/3058	5.7	7.7	5.3	6.0	6.0	7.3	7.3	7.3	6.7	6.6
KINGDOM	7.3	7.0	5.0	7.0	7.0	7.0	7.3	6.7	6.3	6.6
777 (DLFPS-AP/3054)	6.0	7.3	5.3	6.7	6.7	7.3	6.7	7.0	5.7	6.5
PURE SELECT	5.7	6.3	5.3	7.0	6.0	6.3	7.0	7.3	6.3	6.5
ARMOR	8.0	6.3	4.7	6.0	6.7	7.0	7.3	6.7	6.3	6.4
DLFPS-AP/3018	5.7	7.3	5.0	6.7	5.7	7.3	6.7	7.7	6.0	6.4
DLFPS-AP/3056	6.3	6.7	4.7	6.0	6.0	7.3	6.7	7.0	6.7	6.3
GDE	5.3	7.3	5.3	6.3	5.7	6.7	7.0	7.0	6.0	6.3
L-93 XD	5.3	7.0	5.3	6.7	5.7	6.7	6.7	7.0	6.0	6.3
V-8	6.3	7.7	5.0	6.7	5.7	7.0	6.3	7.0	5.7	6.2
PIRANHA (DC-1)	5.7	7.3	5.7	6.3	5.3	6.3	7.0	6.7	5.3	6.1
BARRACUDA	4.7	7.7	5.0	6.0	5.7	6.0	6.7	6.3	5.7	5.9
SHARK	5.3	6.3	5.0	5.0	5.7	7.0	5.7	7.0	5.7	5.9
DLFPS-AP/3059	5.7	7.0	4.7	4.7	5.3	5.3	6.0	6.3	5.7	5.4
DECLARATION	3.7	6.3	4.0	6.0	4.7	5.7	5.3	6.0	5.3	5.3
LUMINARY	5.3	7.0	4.0	5.0	4.7	5.7	6.3	6.0	5.3	5.3
PENN A-1	5.3	6.3	4.7	5.7	4.7	5.3	5.0	6.0	4.0	5.0
PENNCROSS	1.0	5.0	3.0	2.3	2.3	3.3	3.3	3.7	2.0	2.9
LSD VALUE	0.9	0.9	1.0	1.4	1.3	0.9	1.2	0.7	1.4	0.5
C.V. (%)	10.8	7.7	11.5	14.0	13.6	8.7	11.6	7.1	14.9	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 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST AT LOGAN (DROUGHT), UT 1/ 2017 DATA

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

NAME	SPRING GREENUP	QUALITY RATINGS							MEAN
		APR	MAY	JUN	JUL	AUG	SEP	OCT	
DLFPS-AP/3058	7.0	4.7	5.7	5.3	6.3	6.0	7.3	6.3	6.0
KINGDOM	6.7	5.0	6.3	6.0	5.7	6.0	6.0	5.3	5.8
PURE SELECT	7.0	5.3	7.0	6.3	6.0	5.0	6.3	4.3	5.8
777 (DLFPS-AP/3054)	7.7	5.3	6.7	6.7	6.0	4.7	6.3	4.3	5.7
DLFPS-AP/3018	7.3	4.3	6.7	5.7	5.7	5.7	6.3	5.7	5.7
PIRANHA (DC-1)	7.7	5.7	7.0	5.7	5.7	4.7	6.0	5.0	5.7
PST-ROPS	7.3	5.7	6.3	6.3	5.3	4.7	6.3	5.3	5.7
V-8	7.3	5.0	6.0	5.7	5.0	5.3	7.0	5.7	5.7
ARMOR	6.3	4.7	6.0	5.3	5.0	6.3	6.0	5.3	5.5
NIGHTLIFE	6.7	4.7	6.7	5.0	5.0	5.7	5.7	5.3	5.4
BARRACUDA	7.3	5.0	6.0	4.7	5.3	4.7	5.7	5.3	5.2
DLFPS-AP/3056	6.7	5.0	5.3	5.7	5.0	3.7	6.0	5.7	5.2
L-93 XD	7.3	5.7	6.7	5.3	4.7	4.3	5.7	4.0	5.2
GDE	7.0	4.7	5.0	6.0	5.3	4.7	6.0	4.3	5.1
SHARK	7.7	5.0	6.0	5.3	5.3	3.7	5.7	3.7	5.0
DLFPS-AP/3059	6.3	4.0	6.3	4.7	4.3	4.3	5.3	5.0	4.9
PENN A-1	6.3	4.3	5.3	4.7	4.3	4.7	6.3	4.3	4.9
DECLARATION	7.0	4.7	6.0	4.7	5.0	4.3	5.0	3.7	4.8
LUMINARY	6.7	3.3	4.7	5.0	4.3	5.0	6.0	3.7	4.6
PENNCROSS	5.3	3.0	2.0	2.0	2.3	2.7	3.0	2.0	2.4
LSD VALUE	1.0	1.0	1.1	1.1	1.4	3.4	1.0	2.3	0.7
C.V. (%)	8.1	12.1	12.0	13.3	15.5	27.2	10.3	24.1	9.0

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 17. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT BLACKSBURG, VA 1/
2017 DATA

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

NAME	QUALITY RATINGS						MEAN
	APR	MAY	JUL	AUG	OCT	NOV	
DECLARATION	5.7	7.0	7.0	6.3	7.3	7.3	8.0
DLFPS-AP/3058	6.0	7.0	7.3	7.0	6.7	7.3	8.0
BARRACUDA	5.7	7.0	7.0	6.7	7.0	7.3	7.7
L-93 XD	6.3	7.0	7.0	6.7	7.0	7.7	7.7
PIRANHA (DC-1)	6.0	7.0	7.0	7.0	6.7	7.7	7.7
777 (DLFPS-AP/3054)	6.0	7.0	7.3	6.3	6.3	7.3	7.3
DLFPS-AP/3059	5.7	7.0	6.7	6.7	6.0	7.3	7.3
GDE	6.3	7.0	7.0	7.0	7.0	7.7	7.3
PENN A-1	6.0	7.0	6.7	6.7	6.0	7.0	7.3
V-8	5.7	7.0	6.7	6.3	6.3	7.7	7.3
DLFPS-AP/3018	6.0	7.0	7.0	6.7	6.0	7.0	7.0
DLFPS-AP/3056	6.0	7.0	6.7	6.7	6.0	7.0	7.0
KINGDOM	6.0	7.0	6.7	6.0	6.0	7.0	7.0
LUMINARY	6.0	7.0	6.7	6.7	6.3	7.0	7.0
NIGHTLIFE	5.3	7.0	6.7	6.0	6.0	7.0	7.0
PENNCROSS	5.7	7.0	6.0	6.0	6.0	7.0	7.0
SHARK	6.0	7.0	7.0	6.3	6.0	7.0	7.0
ARMOR	5.3	5.7	6.0	5.0	5.7	7.0	6.7
PST-ROPS	6.0	7.0	7.0	6.0	6.0	7.0	6.7
PURE SELECT	6.0	6.3	6.7	5.7	5.7	7.0	6.3
LSD VALUE	0.9	0.3	1.0	1.2	0.7	0.7	0.2
C.V. (%)	6.5	2.7	6.5	9.0	4.5	5.7	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.