

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT FAYETTEVILLE, AR 1/
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	PERCENT COVER SPRING	PERCENT COVER SUMMER	QUALITY RATINGS					MEAN
					MAY	JUN	JUL	AUG	SEP	
GDE	8.0	7.3	93.3	99.0	6.0	7.0	7.3	7.3	7.0	6.9
SHARK	8.0	7.3	92.3	96.3	6.7	7.3	7.3	7.3	5.3	6.8
L-93 XD	8.0	6.0	83.3	99.0	5.7	6.7	7.7	7.3	5.3	6.5
777 (DLFPS-AP/3054)	8.0	6.3	91.0	97.7	5.7	7.0	6.7	7.3	5.3	6.4
NIGHTLIFE	8.7	6.7	73.7	94.0	5.7	6.7	7.3	7.0	4.3	6.2
KINGDOM	8.3	6.7	69.0	92.0	5.3	6.0	7.0	6.3	5.7	6.1
DLFPS-AP/3058	7.7	4.7	72.0	77.7	5.3	6.3	6.7	6.3	5.3	6.0
ARMOR	8.7	6.0	66.0	96.0	5.3	6.3	7.3	6.3	4.0	5.9
BARRACUDA	8.0	5.3	73.0	98.0	5.7	6.0	6.3	6.3	5.3	5.9
DLFPS-AP/3018	7.3	4.7	65.7	77.7	5.0	6.0	6.7	6.3	5.7	5.9
DLFPS-AP/3056	7.7	5.3	79.0	97.7	4.7	6.0	6.7	6.3	6.0	5.9
DECLARATION	7.7	6.0	81.0	93.7	5.0	6.3	6.7	6.3	4.7	5.8
PIRANHA (DC-1)	7.0	4.3	60.0	68.3	4.7	6.0	6.3	6.3	5.0	5.7
PENN A-1	8.0	6.3	80.7	97.7	4.3	6.0	7.0	5.7	5.0	5.6
PENNCROSS	8.0	6.7	92.7	96.7	6.7	6.0	5.0	5.0	5.3	5.6
LUMINARY	7.3	3.7	66.0	73.0	4.7	5.7	6.7	5.7	5.0	5.5
PST-ROPS	8.0	4.7	71.7	93.3	4.3	5.3	6.3	6.3	5.0	5.5
V-8	8.0	5.7	84.0	98.3	4.7	6.0	6.3	5.7	4.7	5.5
PURE SELECT	7.0	5.3	50.0	76.0	4.7	5.0	6.0	5.3	5.3	5.3
DLFPS-AP/3059	7.3	4.7	52.3	53.7	4.7	5.3	5.7	5.3	4.7	5.1
LSD VALUE	3.0	6.6	83.3	70.0	4.9	6.0	2.9	3.0	3.7	4.1
C.V. (%)	11.8	35.5	34.0	26.0	27.6	25.8	15.6	17.6	22.6	19.2

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 SAN FRANCISCO (CALIFORNIA GOLF CLUB OF SAN FRANCISCO), CA 1/
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SUMMER	WINTER COLOR	PINK SNOW MOLD	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PURE SELECT	7.3	5.7	7.0	7.0	8.3	6.7	6.7	6.7	7.0	7.3	7.0	7.0	6.3	6.0	6.3	6.7	7.3	6.8
KINGDOM	9.0	6.0	7.0	9.0	9.0	7.0	7.0	7.0	7.0	7.3	7.0	6.7	6.3	5.7	5.7	6.3	7.0	6.7
L-93 XD	7.3	5.3	7.0	7.0	9.0	6.3	6.3	6.3	7.0	7.7	7.0	6.7	6.7	6.7	6.0	6.7	7.0	6.7
NIGHTLIFE	9.0	6.0	7.0	9.0	9.0	7.0	7.0	7.0	7.0	7.0	7.0	6.3	6.0	5.3	5.7	6.3	7.0	6.6
777 (DLFPS-AP/3054)	7.7	5.0	7.0	7.0	9.0	6.0	6.0	6.0	7.0	7.7	7.0	6.3	6.7	6.0	6.0	6.7	6.7	6.5
BARRACUDA	7.0	5.7	7.0	7.0	9.0	6.7	6.7	6.7	7.0	7.3	7.0	6.0	6.0	5.0	5.7	6.0	6.7	6.4
DLFPS-AP/3018	7.0	5.3	7.0	7.0	8.7	6.3	6.3	6.3	6.7	7.0	7.0	6.0	6.0	5.7	6.0	6.3	6.7	6.4
GDE	7.7	5.3	7.0	7.0	8.7	6.3	6.3	6.3	7.0	7.0	7.0	6.0	6.0	5.7	5.7	6.0	7.0	6.4
SHARK	7.7	5.3	7.0	7.0	8.7	6.3	6.3	6.3	7.0	7.7	7.0	6.3	6.3	5.7	5.7	6.0	6.3	6.4
V-8	8.0	5.0	7.0	7.7	9.0	6.0	6.0	6.0	7.0	7.3	7.0	6.7	6.0	5.3	6.0	6.7	6.3	6.4
ARMOR	9.0	5.7	6.7	8.7	9.0	6.7	6.7	6.7	7.0	7.0	6.3	5.7	5.7	5.3	5.3	6.3	6.7	6.3
DLFPS-AP/3058	7.3	5.0	7.0	7.0	9.0	6.0	6.0	6.0	6.7	7.0	7.0	6.0	6.3	5.7	5.7	6.7	6.7	6.3
LUMINARY	7.0	5.0	7.0	7.0	9.0	6.0	6.0	6.0	7.0	7.0	7.0	6.0	6.3	5.7	5.7	6.3	6.7	6.3
PENN A-1	7.7	5.0	7.0	7.7	9.0	6.0	6.0	6.0	7.0	7.3	7.0	6.0	6.0	6.0	6.0	6.0	6.3	6.3
PST-ROPS	8.0	5.0	7.0	7.0	8.3	6.0	5.7	5.7	6.7	7.0	7.0	6.3	6.3	6.3	5.3	6.3	7.3	6.3
PIRANHA (DC-1)	7.0	5.0	7.0	7.0	8.0	6.0	6.0	6.0	7.0	7.0	6.7	6.0	6.0	5.3	5.3	6.3	6.3	6.2
DLFPS-AP/3056	7.7	5.0	6.7	6.3	9.0	6.0	6.0	6.0	7.0	7.3	6.7	5.7	6.0	5.3	5.3	6.3	6.7	6.2
DLFPS-AP/3059	6.7	5.0	6.7	7.3	8.7	6.0	6.0	6.0	6.7	6.7	6.7	5.7	5.7	5.3	5.7	6.0	5.7	6.0
DECLARATION	6.7	5.0	6.7	7.3	9.0	6.0	6.0	6.0	6.7	6.7	6.3	5.7	5.7	5.0	4.7	5.0	5.3	5.8
PENNCROSS	6.7	5.0	5.7	7.3	9.0	6.0	5.7	5.7	6.3	6.3	5.7	4.3	5.0	5.3	4.7	4.7	5.0	5.4
LSD VALUE	0.8	0.6	0.5	0.7	1.8	0.6	0.7	0.7	0.9	1.3	0.6	0.9	1.5	1.2	1.5	1.1	1.2	0.4
C.V. (%)	6.6	6.5	4.2	5.7	6.5	5.5	6.3	6.3	4.7	7.1	4.7	8.4	9.4	9.4	10.7	9.2	9.4	3.9

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 LOS ANGELES (LOS ANGELES COUNTRY CLUB), CA 1/
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	WINTER COLOR	QUALITY RATINGS												MEAN
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PST-ROPS	7.0	6.0	7.0	6.3	7.3	7.3	7.3	7.7	8.3	8.3	8.3	8.0	8.0	8.0	8.0	7.8
777 (DLFPS-AP/3054)	7.3	6.7	7.3	6.7	7.0	7.0	7.3	7.3	7.3	7.3	7.7	7.3	7.3	7.7	7.7	7.3
DLFPS-AP/3018	7.0	5.7	7.0	6.0	6.7	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.0	7.3	7.7	7.3
PIRANHA (DC-1)	7.0	6.0	7.0	6.3	7.0	7.3	7.0	7.0	8.0	8.0	7.7	7.3	7.0	6.7	6.7	7.2
L-93 XD	7.0	5.7	7.0	6.0	6.3	7.0	7.0	7.7	7.7	8.0	7.7	7.7	7.0	7.3	7.3	7.2
V-8	7.7	6.7	7.7	6.7	6.7	7.0	7.0	7.7	7.7	7.7	7.7	7.3	7.0	7.0	7.0	7.2
DLFPS-AP/3058	7.0	6.0	7.0	6.3	7.0	7.3	7.0	7.3	7.7	7.7	7.3	7.3	6.7	7.0	7.0	7.1
GDE	7.0	6.7	7.0	6.7	6.7	7.0	7.3	7.3	7.3	7.3	7.3	7.3	7.0	7.0	7.0	7.1
LUMINARY	7.0	6.3	7.0	6.7	6.7	7.0	7.3	7.7	7.7	7.7	7.7	7.3	6.7	6.7	6.3	7.1
NIGHTLIFE	9.0	6.7	9.0	6.7	6.7	7.0	7.3	7.3	7.3	7.7	7.7	7.3	6.7	6.0	6.0	7.0
PENN A-1	8.0	6.7	8.0	7.0	7.3	7.3	7.0	7.0	7.3	7.7	7.7	7.3	6.0	6.0	6.0	7.0
DLFPS-AP/3056	7.0	6.3	7.0	6.7	6.7	6.7	6.7	7.3	7.3	7.3	7.3	7.0	7.0	6.7	6.7	6.9
KINGDOM	9.0	6.0	9.0	6.0	6.0	7.0	7.0	7.3	7.0	7.3	7.3	7.0	7.3	7.0	7.0	6.9
SHARK	7.0	6.0	7.0	6.3	6.7	6.7	7.0	7.0	7.0	7.0	7.0	7.0	6.7	6.7	6.7	6.8
ARMOR	9.0	5.3	9.0	5.7	6.3	6.7	7.0	6.7	7.0	7.0	7.0	7.0	6.7	6.7	6.7	6.7
BARRACUDA	7.0	6.0	7.0	6.3	6.7	6.7	6.7	6.7	6.7	6.7	7.0	6.7	7.0	6.7	7.0	6.7
DECLARATION	7.0	6.0	7.0	6.3	6.7	6.7	7.0	7.0	7.0	7.0	7.0	6.7	6.0	6.3	6.0	6.6
DLFPS-AP/3059	7.0	5.3	7.0	6.0	6.3	6.3	6.7	6.7	6.7	6.7	6.7	6.3	6.0	6.3	6.0	6.4
PURE SELECT	7.3	5.7	7.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
PENNCROSS	6.0	6.3	6.0	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.7	5.3	6.1
LSD VALUE	0.3	2.4	0.3	2.3	1.7	1.4	1.6	1.9	1.2	1.5	1.9	1.0	0.6	0.9	0.7	0.8
C.V. (%)	3.1	12.7	3.1	10.7	8.6	7.5	7.7	9.7	8.3	9.3	10.0	7.2	5.9	7.6	6.3	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 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST AT AMES, IA 1/ 2015 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS							MEAN
		APR	MAY	JUN	JUL	AUG	SEP	OCT	
PURE SELECT	6.7	5.0	6.0	5.7	6.3	6.3	5.0	5.3	5.7
V-8	7.3	4.7	5.7	5.7	5.7	6.7	5.0	6.0	5.6
ARMOR	8.0	4.3	5.3	6.0	5.7	6.0	5.7	5.3	5.5
DLFPS-AP/3056	6.7	4.3	5.3	5.7	6.0	6.3	5.3	5.3	5.5
KINGDOM	8.7	4.0	5.3	6.0	6.0	6.7	6.0	4.7	5.5
BARRACUDA	7.0	4.3	5.3	5.7	5.7	6.0	5.7	5.3	5.4
DECLARATION	6.0	4.3	5.3	6.0	5.7	6.3	5.3	4.7	5.4
DLFPS-AP/3058	7.7	4.3	4.7	5.0	6.0	6.7	5.3	5.7	5.4
NIGHTLIFE	8.7	3.7	5.3	6.0	6.3	6.7	5.7	4.3	5.4
777 (DLFPS-AP/3054)	7.0	3.7	5.3	6.0	6.0	6.3	5.3	4.3	5.3
PIRANHA (DC-1)	6.7	4.0	5.3	5.7	6.0	6.3	5.3	4.3	5.3
DLFPS-AP/3059	7.0	4.0	5.0	5.0	5.0	6.3	6.0	5.7	5.3
GDE	6.0	4.0	5.3	5.7	5.7	6.7	5.0	5.0	5.3
LUMINARY	6.3	4.0	5.0	5.0	5.7	6.0	5.7	5.7	5.3
PENN A-1	6.0	4.7	5.3	5.7	5.0	5.7	4.7	6.0	5.3
SHARK	6.7	4.0	5.3	5.7	6.0	5.3	5.3	5.3	5.3
PENNCROSS	6.3	4.0	5.0	5.3	4.7	5.0	6.3	6.3	5.2
PST-ROPS	6.3	3.7	5.3	5.0	5.7	6.0	5.0	5.0	5.1
DLFPS-AP/3018	7.0	3.7	5.3	5.7	5.3	6.0	4.7	4.7	5.0
L-93 XD	7.3	3.3	4.3	5.0	5.7	6.0	5.3	4.7	4.9
LSD VALUE	2.6	2.1	1.9	2.2	2.3	1.8	1.2	1.7	1.0
C.V. (%)	15.6	17.2	11.7	12.4	13.3	11.0	10.1	14.6	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 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/
2015 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	FALL COLOR OCTOBER	PERCENT ESTABLISH- MENT	QUALITY RATINGS							MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	
777 (DLFPS-AP/3054)	6.7	9	5.7	78.3	4.0	4.7	7.0	5.0	5.3	7.3	6.3	5.7
GDE	6.3	9	6.7	86.7	3.7	4.0	6.3	5.3	5.7	7.0	6.0	5.4
PIRANHA (DC-1)	6.0	9	5.7	75.0	3.3	4.0	6.7	4.3	5.0	6.7	5.7	5.1
DLFPS-AP/3056	6.3	9	6.0	68.3	4.0	3.7	6.3	4.7	4.7	6.0	5.7	5.0
ARMOR	7.0	9	7.0	78.3	3.7	3.7	4.7	4.7	5.3	6.0	6.3	4.9
BARRACUDA	6.3	9	5.7	90.0	4.0	3.0	5.0	3.7	5.0	6.7	6.7	4.9
DLFPS-AP/3018	6.3	9	5.3	76.7	4.3	3.7	6.0	4.0	4.3	6.3	5.7	4.9
PENN A-1	6.7	9	6.7	81.7	3.3	3.7	5.7	4.0	5.7	5.7	6.0	4.9
PST-ROPS	6.3	9	6.0	85.0	3.7	3.7	5.7	4.0	5.0	6.0	6.3	4.9
DLFPS-AP/3059	6.0	9	6.0	71.7	3.7	3.7	5.7	3.7	5.3	5.7	5.7	4.8
LUMINARY	6.7	9	5.3	65.0	3.7	3.0	5.0	4.0	5.0	6.3	6.3	4.8
PENNCROSS	5.3	9	5.7	85.0	4.3	4.7	5.3	3.7	4.0	5.3	6.0	4.8
V-8	6.3	9	6.3	81.7	3.0	3.7	5.3	4.3	5.0	6.3	5.7	4.8
SHARK	6.7	9	6.7	75.0	4.0	4.3	4.7	3.3	4.7	6.3	5.0	4.6
DLFPS-AP/3058	5.3	9	6.0	70.0	3.3	4.0	5.0	3.3	4.3	5.7	5.7	4.5
DECLARATION	5.3	9	5.7	75.0	4.0	3.3	5.3	3.3	4.0	5.3	5.3	4.4
KINGDOM	7.7	9	7.3	70.0	3.0	3.0	5.0	4.0	4.3	5.7	5.7	4.4
L-93 XD	5.7	9	5.3	70.0	2.7	3.0	4.0	3.7	5.0	5.7	5.3	4.2
NIGHTLIFE	7.3	9	7.3	76.7	3.0	2.7	4.0	3.7	4.3	5.7	6.0	4.2
PURE SELECT	6.3	9	5.7	80.0	2.7	2.7	4.7	3.0	4.3	6.3	5.7	4.2
LSD VALUE	1.5	0	0.9	38.0	1.8	2.3	1.7	2.3	3.8	1.5	3.5	1.4
C.V. (%)	11.3	0	9.0	15.9	20.3	24.6	16.2	22.0	22.9	11.1	16.6	11.7

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 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST AT WEST LAFAYETTE, IN 1/ 2015 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY SUMMER	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	
V-8	7.3	7.7	8.0	8.0	8.3	7.0	8.7	8.0	7.7	6.7	7.8
PST-ROPS	7.0	9.0	8.3	7.0	7.7	7.0	8.3	8.7	8.0	6.3	7.6
777 (DLFPS-AP/3054)	7.0	7.3	7.7	7.3	8.0	7.3	8.3	8.0	7.0	6.3	7.5
ARMOR	9.0	7.0	8.0	7.7	8.0	7.0	8.0	8.3	7.0	6.7	7.5
PIRANHA (DC-1)	7.0	7.3	8.0	7.7	7.3	7.0	8.3	7.7	7.3	7.3	7.5
KINGDOM	9.0	7.3	8.0	7.3	8.0	7.0	8.0	8.3	6.7	7.0	7.5
NIGHTLIFE	9.0	7.3	7.7	7.7	8.0	7.0	8.0	8.0	7.0	7.0	7.5
SHARK	7.0	6.7	8.0	7.3	7.7	7.3	8.0	8.3	7.3	6.3	7.5
DLFPS-AP/3018	7.0	7.0	7.7	7.7	8.0	6.3	7.7	8.0	7.7	6.7	7.4
DLFPS-AP/3058	7.0	7.0	7.0	7.7	7.7	7.0	7.7	7.7	7.3	6.7	7.4
L-93 XD	6.7	7.0	7.7	7.0	7.3	6.3	7.7	8.0	8.0	7.0	7.3
PURE SELECT	7.0	7.7	8.0	7.3	7.3	7.0	8.3	8.0	7.3	6.0	7.3
BARRACUDA	7.0	6.7	7.3	7.3	7.3	6.7	7.7	7.3	7.3	6.7	7.2
GDE	7.0	6.7	7.7	7.3	7.7	6.3	8.0	8.0	7.0	6.3	7.2
DECLARATION	7.0	6.7	7.3	7.7	6.7	6.7	7.3	7.3	7.3	7.0	7.1
DLFPS-AP/3056	7.3	7.0	7.3	7.3	8.0	6.7	8.0	7.0	6.3	6.3	7.1
LUMINARY	7.0	6.0	7.0	6.7	7.0	6.3	7.3	8.0	6.7	6.3	6.9
PENN A-1	7.3	6.3	7.0	7.3	6.7	6.0	7.3	7.3	7.0	6.7	6.9
DLFPS-AP/3059	6.7	6.3	7.0	7.7	7.3	5.7	6.7	7.3	6.0	6.7	6.8
PENNCROSS	7.3	3.7	5.7	7.0	6.3	5.0	5.0	5.3	4.7	5.0	5.5
LSD VALUE	0.5	0.8	1.0	1.5	0.8	1.1	0.7	1.0	0.8	1.7	0.4
C.V. (%)	4.3	7.8	7.5	7.0	6.3	8.8	6.0	7.5	6.9	10.4	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 7. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST AT MANHATTAN, KS 1/ 2015 DATA

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

NAME	GENETIC COLOR	DOLLAR SPOT	BROWN PATCH WARM TEMP.	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	OCT		
L-93 XD	7	8.7	8.3	4.7	7.3	8.0	6.0	6.0	6.7	6.4	
BARRACUDA	7	8.3	8.7	5.0	7.0	7.3	5.0	5.3	7.3	6.2	
DLFPS-AP/3018	7	8.3	8.3	5.0	6.7	7.0	5.7	5.3	6.3	6.0	
KINGDOM	8	8.0	8.0	4.3	7.0	7.0	5.3	5.7	6.7	6.0	
DLFPS-AP/3056	7	7.3	8.0	5.0	7.0	7.3	5.0	4.7	6.7	5.9	
DLFPS-AP/3059	7	7.3	6.0	4.7	7.3	7.0	5.3	5.3	6.0	5.9	
GDE	7	8.0	8.0	4.7	6.3	7.0	5.3	5.7	6.7	5.9	
DECLARATION	7	8.3	6.7	5.0	7.0	7.0	5.0	4.7	6.0	5.8	
LUMINARY	7	8.3	6.3	4.3	6.7	7.0	5.0	5.0	6.7	5.8	
NIGHTLIFE	8	7.3	7.0	4.7	7.0	7.0	4.7	5.0	6.3	5.8	
PENN A-1	7	8.0	5.7	5.0	6.0	7.0	4.3	4.7	7.7	5.8	
PST-ROPS	7	7.7	7.3	4.3	7.0	7.7	5.0	5.3	5.7	5.8	
PURE SELECT	7	7.7	6.7	4.7	6.0	6.7	5.3	5.7	6.7	5.8	
SHARK	7	6.0	8.3	4.0	6.0	7.0	4.7	5.3	8.0	5.8	
ARMOR	8	6.0	6.7	4.7	7.7	7.0	4.7	4.7	5.3	5.7	
V-8	7	7.3	8.3	4.3	6.3	7.7	5.7	4.0	6.0	5.7	
777 (DLFPS-AP/3054)	7	7.7	5.7	5.0	6.7	6.7	4.7	4.3	6.0	5.6	
DLFPS-AP/3058	7	8.0	7.3	4.0	6.7	6.7	5.0	5.0	5.7	5.5	
PIRANHA (DC-1)	7	7.7	8.3	5.3	6.7	6.0	4.3	4.3	6.0	5.4	
PENNCROSS	7	8.3	8.3	4.7	5.7	5.0	4.3	4.0	5.3	4.8	
LSD VALUE	0	1.3	4.9	2.6	1.7	1.8	2.3	2.7	2.5	1.5	
C.V. (%)	0	9.2	22.8	16.4	10.7	11.4	15.9	18.9	15.9	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 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT LEXINGTON, KY 1/
2015 DATA

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

NAME	PERCENT	PERCENT	PERCENT	QUALITY RATINGS									MEAN
	COVER	COVER	ESTABLISH-	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
	SPRING	SUMMER	MENT										
777 (DLFPS-AP/3054)	58.3	71.7	38.3	5.0	5.7	7.0	7.0	7.0	7.7	7.7	7.3	7.3	6.9
PIRANHA (DC-1)	48.3	75.0	35.0	5.7	5.7	7.0	6.3	7.0	8.0	8.0	7.7	7.0	6.9
DLFPS-AP/3018	65.0	80.0	40.0	5.3	6.0	7.0	7.0	6.7	7.0	7.7	7.3	7.0	6.8
PST-ROPS	48.3	70.0	33.3	4.7	5.3	7.0	6.7	6.7	8.0	8.0	7.7	7.0	6.8
GDE	56.7	76.7	38.3	5.3	5.3	7.0	6.7	7.3	7.0	7.7	7.3	7.0	6.7
BARRACUDA	53.3	71.7	38.3	5.3	5.3	7.0	6.3	6.7	7.7	7.0	7.3	7.0	6.6
DLFPS-AP/3058	41.7	65.0	33.3	4.0	5.7	7.0	6.3	7.0	7.3	7.0	7.7	7.0	6.6
DLFPS-AP/3059	60.0	71.7	40.0	5.7	5.3	7.0	6.3	6.3	7.3	7.0	7.0	7.0	6.6
LUMINARY	51.7	70.0	33.3	5.0	5.3	7.0	6.3	6.0	7.7	7.7	7.0	7.0	6.6
NIGHTLIFE	51.7	70.0	31.7	4.7	5.7	7.0	6.0	7.0	7.7	7.3	7.0	6.7	6.6
SHARK	48.3	73.3	40.0	4.7	5.7	7.0	6.0	6.7	7.7	7.0	7.3	7.0	6.6
DLFPS-AP/3056	43.3	63.3	33.3	4.3	5.0	7.0	6.3	6.3	8.0	7.3	7.0	7.0	6.5
L-93 XD	38.3	66.7	30.0	3.3	5.3	7.0	6.3	7.0	7.3	7.3	7.7	7.0	6.5
KINGDOM	43.3	65.0	31.7	4.7	5.7	7.0	6.0	6.3	7.3	7.3	7.0	6.7	6.4
DECLARATION	43.3	65.0	36.7	4.0	5.3	7.0	6.0	6.3	7.0	7.0	7.0	6.7	6.3
PENN A-1	48.3	73.3	38.3	4.7	5.0	6.7	6.0	6.7	7.0	7.3	7.0	6.7	6.3
V-8	48.3	70.0	35.0	4.7	5.0	6.7	6.0	6.7	7.0	7.0	7.0	7.0	6.3
ARMOR	36.7	60.0	33.3	3.7	5.0	7.0	6.0	6.3	7.3	7.3	7.0	6.3	6.2
PURE SELECT	46.7	65.0	33.3	4.3	5.0	6.7	6.0	6.0	7.3	7.0	6.7	6.0	6.1
PENNCROSS	53.3	71.7	35.0	5.0	5.3	6.3	6.0	5.3	7.0	6.0	5.7	5.7	5.8
LSD VALUE	16.0	10.5	12.3	1.6	1.4	0.7	0.8	0.9	0.8	0.6	0.7	0.6	0.3
C.V. (%)	16.3	7.7	13.2	16.2	9.1	3.8	6.2	7.3	5.5	5.1	5.8	5.1	2.9

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

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

TABLE 9. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/ 2015 DATA

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

NAME	PERCENT ESTABLISHMENT	WEAR TOLERANCE RATINGS			QUALITY RATINGS				MEAN
		SEPTEMBER	OCTOBER	NOVEMBER	AUG	SEP	OCT	NOV	
GDE	48.3	6.7	6.7	6.3	6.3	6.7	6.3	6.3	6.4
KINGDOM	48.3	5.3	6.3	5.7	6.0	6.3	6.0	5.7	6.0
BARRACUDA	45.0	5.3	6.0	5.3	6.0	6.3	6.0	5.3	5.9
DLFPS-AP/3059	43.3	5.3	6.0	6.0	5.7	6.0	6.3	5.7	5.9
DLFPS-AP/3018	41.7	6.3	6.3	5.7	5.7	6.0	6.0	5.3	5.8
DLFPS-AP/3056	40.0	6.3	5.0	5.3	5.7	5.3	6.0	6.3	5.8
NIGHTLIFE	43.3	5.3	6.0	6.7	5.0	6.3	6.0	5.7	5.8
PST-ROPS	41.7	5.3	5.3	4.7	5.7	5.7	6.0	5.3	5.7
DLFPS-AP/3058	41.7	5.3	5.0	5.0	5.3	5.7	6.0	5.3	5.6
PURE SELECT	40.0	5.7	5.3	5.3	5.0	5.3	6.3	5.7	5.6
PIRANHA (DC-1)	38.3	5.3	5.0	4.7	5.3	5.7	5.7	5.3	5.5
777 (DLFPS-AP/3054)	40.0	5.3	5.7	5.0	5.0	5.7	5.3	5.3	5.3
DECLARATION	36.7	5.0	4.7	4.7	5.3	5.0	5.3	5.3	5.3
L-93 XD	36.7	4.7	5.3	5.0	5.0	5.3	5.3	5.3	5.3
LUMINARY	33.3	5.0	5.0	5.3	4.7	5.3	5.3	5.3	5.2
ARMOR	38.3	5.0	5.0	4.7	5.0	5.3	5.3	4.7	5.1
PENN A-1	36.7	5.0	5.0	5.0	5.0	5.3	4.7	5.3	5.1
SHARK	41.7	5.0	4.7	5.3	5.0	5.3	4.7	5.3	5.1
V-8	43.3	5.3	5.0	4.3	5.3	5.3	5.3	4.3	5.1
PENNCROSS	40.0	3.7	3.7	4.0	4.7	4.3	4.0	4.0	4.3
LSD VALUE	6.7	0.9	1.0	1.4	1.2	1.0	0.9	1.1	0.8
C.V. (%)	9.0	9.8	11.0	13.7	10.4	9.5	9.6	10.5	8.0

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 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT EAST LANSING, MI 1/
2015 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT ESTABLISH- MENT	QUALITY RATINGS					MEAN
				MAY	JUN	JUL	AUG	OCT	
PST-ROPS	6.0	3.3	44.3	6.3	8.0	7.7	6.3	6.0	6.9
KINGDOM	7.0	3.7	50.0	6.3	7.3	7.0	7.0	6.0	6.7
DLFPS-AP/3018	6.0	4.3	64.3	7.0	7.0	7.0	6.0	6.0	6.6
PIRANHA (DC-1)	6.0	3.3	40.0	6.0	6.7	7.0	6.3	6.3	6.5
L-93 XD	6.0	2.7	45.0	6.0	7.0	7.0	6.0	6.3	6.5
PURE SELECT	6.0	3.3	58.3	6.0	7.0	7.0	6.3	6.0	6.5
V-8	5.7	3.7	53.3	6.3	7.3	7.0	6.0	6.0	6.5
777 (DLFPS-AP/3054)	6.0	3.7	56.7	6.3	6.3	6.7	6.3	6.0	6.3
DLFPS-AP/3056	6.0	3.0	54.3	6.0	6.7	6.3	6.0	6.3	6.3
DLFPS-AP/3058	6.0	2.3	28.7	5.7	7.0	7.0	6.0	6.0	6.3
DLFPS-AP/3059	6.0	3.0	49.3	5.7	6.7	7.0	6.0	6.0	6.3
GDE	6.0	2.7	43.3	5.7	7.0	7.0	6.0	6.0	6.3
NIGHTLIFE	7.0	2.3	42.7	5.7	6.7	7.0	6.3	5.7	6.3
ARMOR	7.0	2.3	41.0	5.7	6.7	7.0	6.7	5.0	6.2
LUMINARY	6.0	2.7	35.0	5.7	6.7	6.7	6.0	6.0	6.2
BARRACUDA	6.0	2.7	48.3	5.7	6.7	6.3	5.7	6.0	6.1
PENN A-1	5.7	2.3	40.0	5.3	6.3	6.7	6.0	5.7	6.0
SHARK	6.0	3.0	49.0	5.7	6.7	6.3	6.0	5.3	6.0
DECLARATION	6.0	2.0	47.3	5.0	6.3	6.0	6.0	5.0	5.7
PENNCROSS	5.0	4.0	44.3	5.0	5.3	4.3	4.3	4.7	4.7
LSD VALUE	0.3	1.5	33.9	1.3	1.0	0.5	0.6	0.7	0.4
C.V. (%)	2.9	24.5	27.1	10.3	8.0	5.2	5.9	6.9	4.0

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 BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT ST. PAUL, MN 1/
2015 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SUMMER	DENSITY FALL	ESTABLISHMENT		PERCENT 9_9	DOLLAR 9_30	SPOT 10_30	RATING	QUALITY RATINGS							MEAN
					OCTOBER 2014	APRIL 2015					APR	MAY	JUN	JUL	AUG	SEP	OCT	
GDE	6.0	7.0	6.3	6.3	6.3	6.7	8.3	18.7	10.7	4.0	6.0	7.3	7.0	6.3	5.7	6.0	6.0	
V-8	6.3	6.3	6.7	6.0	6.7	6.7	13.7	21.3	16.0	4.7	5.7	8.0	7.7	6.0	5.3	5.0	6.0	
777 (DLFPS-AP/3054)	6.7	7.0	6.3	6.7	6.3	6.3	16.7	26.3	14.3	4.0	6.0	7.7	7.0	6.0	5.3	5.3	5.9	
DLFPS-AP/3056	6.3	6.3	6.3	5.7	7.0	6.3	10.0	18.0	10.3	3.7	5.3	7.3	7.0	6.3	6.3	5.3	5.9	
DLFPS-AP/3058	5.7	7.0	6.3	6.7	6.0	6.3	10.0	19.7	10.0	3.7	5.3	6.7	6.7	6.7	6.3	6.0	5.9	
DECLARATION	5.3	6.3	6.0	5.7	6.3	6.3	10.0	16.0	10.3	3.7	5.0	7.0	7.0	5.7	6.0	6.0	5.8	
L-93 XD	5.7	7.0	6.0	6.3	5.3	5.3	14.0	22.7	11.3	3.0	4.7	6.3	7.0	6.3	6.3	6.0	5.7	
DLFPS-AP/3018	6.3	6.0	6.3	6.7	6.7	6.3	10.7	20.0	13.7	3.7	5.7	6.7	7.0	6.0	5.0	5.0	5.6	
PURE SELECT	6.0	6.3	6.3	5.7	6.7	6.3	17.3	28.3	20.0	4.3	5.7	7.3	7.0	5.3	5.3	4.3	5.6	
LUMINARY	6.3	6.3	6.0	5.7	5.0	5.3	12.3	22.3	12.3	3.3	5.0	6.7	6.7	5.7	5.7	5.3	5.5	
DLFPS-AP/3059	5.3	6.0	6.0	4.7	5.3	5.7	11.7	21.0	12.0	3.0	5.0	6.3	6.3	5.7	5.7	5.7	5.4	
SHARK	6.0	6.7	6.3	5.3	7.0	6.3	17.3	31.3	25.3	4.7	5.3	6.0	6.7	5.3	5.0	4.7	5.4	
BARRACUDA	5.7	7.0	6.0	6.0	6.7	6.0	13.3	22.0	14.3	3.7	4.7	6.0	6.0	5.7	5.7	5.3	5.3	
PIRANHA (DC-1)	6.3	5.3	6.0	6.7	4.7	5.0	14.0	26.7	18.0	2.7	4.7	6.0	7.0	6.0	5.7	5.0	5.3	
NIGHTLIFE	8.7	5.0	6.0	5.3	6.3	6.3	19.3	37.0	23.3	4.0	5.0	6.7	6.7	4.7	4.7	4.3	5.1	
PENN A-1	6.7	6.7	5.7	4.7	5.3	6.3	12.7	20.0	14.0	3.3	5.3	6.0	5.7	3.7	5.3	5.7	5.0	
KINGDOM	7.3	6.7	6.0	4.3	6.3	6.7	20.0	26.7	16.7	4.3	5.3	6.3	6.3	3.7	3.7	4.3	4.9	
PST-ROPS	6.0	6.7	6.0	6.7	3.7	4.7	28.0	47.0	32.7	2.3	4.3	6.0	5.7	4.7	4.3	4.3	4.5	
ARMOR	8.0	4.0	6.0	4.3	4.7	5.0	22.7	46.7	28.7	2.7	4.3	5.3	5.3	4.3	4.0	3.7	4.2	
PENNCROSS	3.0	4.7	2.0	1.3	6.0	6.0	19.3	29.0	19.7	3.7	5.3	4.7	3.3	2.0	2.3	2.7	3.4	
LSD VALUE	0.8	1.4	0.5	0.9	1.7	1.5	9.2	13.9	11.9	1.4	1.4	1.1	1.0	0.9	1.0	0.8	0.5	
C.V. (%)	8.7	12.6	5.8	10.7	15.2	12.1	32.9	30.3	38.6	19.4	11.8	9.8	9.4	11.2	11.9	10.3	6.6	

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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT COLUMBIA, MO 1/
2015 DATA

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

NAME	SEEDLING VIGOR	DOLLAR SPOT	BROWN PATCH WARM TEMP.	PINK SNOW MOLD	PERCENT ESTABLISH- MENT	QUALITY RATINGS							MEAN
						APR	MAY	JUN	JUL	AUG	SEP	OCT	
BARRACUDA	8.7	8.3	8.0	8.0	98.3	5.0	5.3	5.0	6.3	6.7	6.3	6.0	5.8
L-93 XD	6.0	9.0	5.7	5.7	97.7	4.3	6.3	6.0	6.7	4.7	7.0	5.3	5.8
PIRANHA (DC-1)	6.7	8.3	7.0	7.3	96.0	4.7	5.3	6.0	5.7	6.0	6.0	6.0	5.7
DLFPS-AP/3018	7.3	9.0	7.0	8.3	95.7	4.7	5.7	4.3	5.3	6.0	6.7	6.3	5.6
DLFPS-AP/3056	7.3	9.0	7.7	7.0	98.3	4.0	4.7	5.0	5.3	6.3	7.7	5.7	5.5
NIGHTLIFE	7.7	7.0	8.0	7.3	99.0	5.7	5.3	4.7	5.3	6.0	5.3	6.3	5.5
PST-ROPS	5.3	6.7	9.0	7.7	96.0	4.3	5.0	4.7	5.7	7.0	6.0	6.0	5.5
V-8	7.7	9.0	6.7	8.0	98.3	4.3	5.0	6.0	6.3	5.7	6.3	4.7	5.5
DLFPS-AP/3058	5.7	8.7	7.7	6.7	94.3	3.3	4.7	5.0	6.0	6.0	7.0	5.7	5.4
GDE	7.0	9.0	6.7	8.0	97.7	5.3	5.0	5.0	6.0	5.3	6.3	4.7	5.4
777 (DLFPS-AP/3054)	7.7	6.7	8.3	8.0	97.7	5.0	6.3	4.7	4.7	6.3	5.3	5.0	5.3
PURE SELECT	7.7	8.0	7.3	6.0	97.0	4.0	5.3	4.7	6.0	6.0	6.0	5.3	5.3
SHARK	7.0	8.0	7.3	7.7	98.3	4.7	4.7	4.7	5.3	6.3	6.0	5.3	5.3
LUMINARY	5.7	8.3	7.3	3.7	97.3	3.3	4.3	5.0	6.0	6.0	6.0	6.0	5.2
DECLARATION	6.3	9.0	7.7	9.0	97.7	4.7	5.0	5.3	4.7	5.3	5.3	5.0	5.0
KINGDOM	7.3	8.7	8.3	8.3	97.0	5.3	4.7	4.7	5.0	4.7	3.3	5.3	4.7
DLFPS-AP/3059	6.7	8.3	5.0	6.7	95.7	4.0	4.7	4.3	4.7	4.3	5.0	4.7	4.5
PENN A-1	7.0	8.7	5.0	5.0	97.3	3.7	3.0	5.0	4.7	4.3	5.3	5.3	4.5
ARMOR	6.0	4.3	7.3	8.0	97.3	4.3	5.0	3.7	3.7	5.0	4.0	4.3	4.3
PENNCROSS	7.7	9.0	9.0	7.7	99.0	3.0	2.0	2.0	2.0	2.0	2.0	2.3	2.2
LSD VALUE	1.2	1.5	3.5	3.0	4.6	1.3	1.1	0.9	1.0	1.7	1.5	1.6	0.7
C.V. (%)	10.2	11.3	20.5	20.3	1.8	16.4	14.2	12.0	12.5	17.6	16.2	16.8	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 13. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT RALEIGH, NC 1/
2015 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	QUALITY RATINGS								MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
L-93 XD	6.7	5.3	6.7	6.7	7.7	8.0	7.7	7.7	7.0	7.7	7.4
777 (DLFPS-AP/3054)	6.3	6.7	6.7	6.3	7.7	7.7	7.3	7.3	7.0	8.0	7.3
DLFPS-AP/3018	6.3	7.3	6.7	6.7	7.3	8.0	7.3	8.0	7.0	7.7	7.3
PIRANHA (DC-1)	6.7	4.7	6.7	6.7	7.0	7.3	7.0	7.3	6.7	8.0	7.1
PST-ROPS	6.3	4.3	6.0	6.7	7.7	8.0	7.7	7.3	6.3	7.0	7.1
BARRACUDA	6.0	7.3	6.3	6.7	7.7	7.0	7.0	7.0	6.7	7.3	7.0
DLFPS-AP/3058	6.3	6.0	6.3	6.7	7.7	7.0	7.0	7.3	7.0	7.3	7.0
GDE	6.3	6.7	6.3	6.7	7.7	7.0	6.3	7.0	7.0	7.7	7.0
V-8	6.7	6.7	6.7	6.7	7.7	7.0	6.7	7.0	6.7	7.7	7.0
SHARK	6.0	6.3	6.3	6.7	7.0	7.0	7.0	7.3	6.3	7.7	6.9
ARMOR	8.0	5.3	6.0	6.0	6.7	6.7	7.7	7.0	6.7	7.3	6.8
PENN A-1	6.3	6.7	6.0	6.7	7.3	7.0	6.3	6.7	7.0	7.3	6.8
LUMINARY	6.3	5.7	6.0	6.0	6.7	6.7	6.7	7.0	7.0	7.7	6.7
PURE SELECT	6.0	7.0	6.3	6.3	7.3	7.0	6.0	6.0	6.3	7.0	6.5
DLFPS-AP/3056	6.3	6.0	6.3	6.7	6.7	7.0	5.3	5.3	6.0	6.7	6.3
DLFPS-AP/3059	6.7	6.0	5.7	6.3	6.7	6.3	5.3	5.3	6.0	7.7	6.2
DECLARATION	6.3	6.7	6.0	6.7	7.0	6.0	5.0	5.7	5.7	6.7	6.1
NIGHTLIFE	8.0	6.3	7.0	6.7	7.0	6.3	4.3	5.0	5.3	7.0	6.1
KINGDOM	8.0	5.7	6.7	6.7	7.0	5.7	3.7	4.7	5.3	6.0	5.7
PENNCROSS	5.3	6.0	6.0	5.7	5.0	4.0	3.0	3.3	3.7	4.7	4.4
LSD VALUE	0.7	1.9	1.4	1.7	1.2	1.1	1.2	1.3	1.2	1.0	0.5
C.V. (%)	6.8	14.9	8.4	8.5	8.8	9.5	12.8	12.5	11.2	8.2	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 13. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT RALEIGH, NC 1/
2015 DATA

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

NAME	DENSITY			PERCENT COVER			DOLLAR SPOT	PERCENT ESTABLISHMENT RATINGS			
	SPRING	SUMMER	FALL	SPRING	SUMMER	FALL		NOVEMBER 2014	DECEMBER 2014	JANUARY 2015	FEBRUARY 2015
L-93 XD	6.7	7.7	8.0	85.0	99.0	99.0	7.7	43.3	66.7	75.0	80.0
777 (DLFPS-AP/3054)	7.0	8.0	8.0	83.3	99.0	99.0	7.0	53.3	73.3	76.7	80.0
DLFPS-AP/3018	7.0	7.7	8.0	81.7	99.0	99.0	7.0	58.3	73.3	78.3	81.7
PIRANHA (DC-1)	7.0	8.0	8.0	78.3	99.0	99.0	6.3	38.3	60.0	66.7	75.0
PST-ROPS	6.0	8.0	7.7	76.7	99.0	99.0	7.0	33.3	63.3	70.0	75.0
BARRACUDA	7.0	7.3	8.0	93.3	99.0	99.0	6.3	65.0	85.0	90.0	91.7
DLFPS-AP/3058	6.7	7.7	8.3	86.7	99.0	99.0	6.3	50.0	73.3	80.0	83.3
GDE	6.7	7.3	8.0	88.3	99.0	99.0	5.7	60.0	76.7	85.0	86.7
V-8	7.0	8.0	8.0	86.7	99.0	97.7	5.3	53.3	73.3	78.3	81.7
SHARK	6.3	7.7	8.0	83.3	99.0	99.0	7.0	46.7	70.0	76.7	81.7
ARMOR	5.3	7.3	7.3	70.0	99.0	99.0	6.0	38.3	61.7	65.0	66.7
PENN A-1	7.0	7.0	8.0	92.7	99.0	99.0	5.7	51.7	75.0	83.3	90.0
LUMINARY	6.0	7.0	8.0	81.7	99.0	99.0	6.3	46.7	66.7	73.3	78.3
PURE SELECT	7.0	7.7	8.3	88.3	99.0	99.0	4.7	63.3	76.7	81.7	86.7
DLFPS-AP/3056	6.3	7.3	8.0	83.3	99.0	99.0	4.0	55.0	73.3	78.3	81.7
DLFPS-AP/3059	6.3	7.3	8.0	83.3	99.0	99.0	4.3	51.7	73.3	78.3	81.7
DECLARATION	7.0	6.3	6.7	86.7	99.0	99.0	4.0	55.0	73.3	80.0	85.0
NIGHTLIFE	6.7	7.7	7.3	83.3	99.0	99.0	4.0	51.7	70.0	76.7	81.7
KINGDOM	7.0	6.7	7.0	80.0	99.0	99.0	2.7	43.3	70.0	75.0	78.3
PENNCROSS	6.3	5.0	5.3	94.3	95.7	97.0	2.3	51.7	78.3	86.7	90.0
LSD VALUE	2.4	0.8	0.7	11.7	0.4	1.6	1.4	15.4	14.3	11.0	12.4
C.V. (%)	12.2	6.4	5.4	7.2	0.3	0.7	16.3	16.4	9.6	7.8	7.7

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 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT NORTH BRUNSWICK, NJ 1/
2015 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SEEDLING VIGOR	DENSITY FALL	PERCENT	QUALITY RATINGS								MEAN
						COVER FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
L-93 XD	8.7	6.3	8.7	5.3	8.3	73.3	6.7	8.3	7.7	8.0	7.7	8.0	7.7	9.0	7.9
777 (DLFPS-AP/3054)	8.3	6.0	8.3	6.0	7.3	80.0	5.7	8.0	7.7	8.3	8.0	8.0	7.7	8.3	7.7
PIRANHA (DC-1)	8.3	6.0	7.7	5.3	7.3	65.0	6.3	7.7	5.7	5.3	7.3	8.0	7.3	8.0	7.0
DLFPS-AP/3018	8.0	6.7	8.3	4.7	7.3	66.7	6.3	6.3	6.7	6.7	7.3	7.7	6.7	7.7	6.9
DLFPS-AP/3058	8.3	6.3	7.0	5.7	7.3	68.3	6.3	7.3	5.7	6.0	7.3	7.0	7.3	8.0	6.9
PST-ROPS	7.7	5.0	8.3	3.3	7.7	55.0	4.3	6.7	5.7	7.0	7.7	7.7	7.0	8.0	6.8
GDE	7.3	6.7	7.7	6.3	6.3	75.0	5.0	7.7	6.0	6.0	6.7	6.7	7.0	7.0	6.5
SHARK	7.3	7.0	7.3	7.0	6.0	81.7	6.3	7.0	6.3	6.0	6.3	6.0	6.0	7.0	6.4
DLFPS-AP/3056	7.0	5.7	7.3	6.7	6.3	83.3	6.3	6.3	7.0	5.7	5.3	6.3	5.7	7.0	6.2
PURE SELECT	6.3	6.0	8.0	5.7	5.7	81.7	4.7	6.3	5.3	6.3	6.7	6.7	6.3	6.7	6.1
V-8	6.3	6.3	8.0	4.7	6.3	63.3	5.3	6.3	5.7	6.0	6.0	6.0	6.7	7.0	6.1
LUMINARY	7.0	7.3	7.0	5.3	5.7	66.7	6.7	6.3	6.7	6.0	4.7	6.0	5.3	6.7	6.0
KINGDOM	4.3	3.3	6.0	4.7	5.7	55.0	5.3	6.3	5.7	5.7	5.7	5.7	5.3	5.3	5.6
NIGHTLIFE	5.0	3.3	7.0	5.7	6.3	73.3	5.0	6.0	5.0	5.7	6.0	5.7	5.7	6.0	5.6
BARRACUDA	6.3	7.0	7.3	7.0	5.7	83.3	6.7	6.7	5.0	4.7	4.7	4.7	5.0	6.3	5.5
ARMOR	4.0	4.0	6.3	4.0	5.7	53.3	4.0	5.7	4.3	5.0	5.0	4.7	4.7	5.0	4.8
DLFPS-AP/3059	4.3	6.3	5.3	6.3	4.3	71.7	5.7	6.3	5.0	3.7	4.3	4.7	4.3	4.3	4.8
DECLARATION	5.7	7.0	6.3	6.7	4.3	78.3	6.7	5.7	4.7	3.3	2.7	3.7	4.0	5.0	4.5
PENN A-1	3.7	6.3	5.7	5.3	4.0	66.7	4.7	5.3	3.7	3.3	3.7	4.0	3.7	4.3	4.1
PENNCROSS	1.3	5.7	3.0	5.0	1.7	66.7	5.0	3.3	1.3	1.0	1.0	1.3	1.0	1.0	1.9
LSD VALUE	1.2	1.3	0.9	1.6	1.6	17.2	3.3	1.1	1.3	1.1	1.3	1.2	1.5	1.2	0.7
C.V. (%)	12.2	13.8	8.3	16.4	16.9	13.3	22.5	10.5	14.8	13.6	14.6	13.3	16.9	12.2	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 15. PERCENT ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS IN THE 1/
 2014 NATIONAL BENTGRASS (GREENS) TEST AT STILLWATER, OK 2/
 2015 DATA

NAME	3-WEEKS	4-WEEKS	5-WEEKS	MEAN
LUMINARY	31.7	50.0	55.0	45.6
SHARK	30.0	45.0	55.0	43.3
BARRACUDA	31.7	45.0	51.7	42.8
NIGHTLIFE	30.0	46.7	51.7	42.8
V-8	30.0	45.0	50.0	41.7
DLFPS-AP/3056	25.0	38.3	53.3	38.9
777 (DLFPS-AP/3054)	26.7	38.3	48.3	37.8
PENNCROSS	28.3	40.0	45.0	37.8
GDE	25.0	40.0	46.7	37.2
ARMOR	25.0	36.7	43.3	35.0
PENN A-1	25.0	36.7	43.3	35.0
KINGDOM	23.3	33.3	41.7	32.8
DLFPS-AP/3058	21.0	33.3	41.7	32.0
PURE SELECT	21.0	31.7	41.7	31.4
PST-ROPS	20.0	33.3	38.3	30.6
DLFPS-AP/3018	16.0	28.3	35.0	26.4
DLFPS-AP/3059	15.0	28.3	35.0	26.1
DECLARATION	14.3	25.0	36.7	25.3
PIRANHA (DC-1)	10.0	25.0	40.0	25.0
L-93 XD	6.0	11.7	23.3	13.7
LSD VALUE	15.6	23.3	21.9	18.7
C.V. (%)	35.0	30.8	22.7	26.8

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 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST AT LOGAN, UT 1/ 2015 DATA

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

NAME	SEEDLING	QUALITY RATINGS			
	VIGOR	AUG	SEP	OCT	MEAN
777 (DLFPS-AP/3054)	6.3	6.0	6.7	6.7	6.4
NIGHTLIFE	6.7	6.0	6.7	6.3	6.3
ARMOR	5.7	5.0	7.0	6.3	6.1
DLFPS-AP/3018	6.3	6.3	6.0	6.0	6.1
DLFPS-AP/3056	6.0	5.7	6.3	6.3	6.1
KINGDOM	5.3	5.0	7.0	6.3	6.1
DECLARATION	7.0	7.0	6.0	5.0	6.0
DLFPS-AP/3059	6.7	6.0	6.3	5.7	6.0
LUMINARY	6.3	5.3	6.3	6.0	5.9
DLFPS-AP/3058	6.7	5.7	6.0	5.7	5.8
GDE	6.3	6.0	6.0	5.3	5.8
BARRACUDA	6.0	5.7	6.0	5.3	5.7
PIRANHA (DC-1)	6.3	5.3	6.0	5.7	5.7
PST-ROPS	5.3	4.3	6.3	6.0	5.6
SHARK	6.0	5.0	6.0	5.3	5.4
V-8	6.3	5.0	6.0	5.0	5.3
L-93 XD	6.7	5.3	5.7	4.7	5.2
PENN A-1	6.7	5.3	5.7	4.7	5.2
PURE SELECT	7.0	5.3	5.3	5.0	5.2
PENNCROSS	7.0	7.0	2.7	3.0	4.2
LSD VALUE	2.4	2.2	1.1	1.2	0.9
C.V. (%)	13.0	16.3	11.2	13.0	8.6

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

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

TABLE 17. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2014 NATIONAL BENTGRASS (GREENS) TEST AT LOGAN (DROUGHT), UT 1/ 2015 DATA

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

NAME	SEEDLING VIGOR	QUALITY RATINGS		
		AUG	OCT	MEAN
DLFPS-AP/3059	7.3	7.7	5.3	6.5
GDE	7.3	6.7	6.0	6.3
PIRANHA (DC-1)	6.7	6.0	6.3	6.2
SHARK	7.3	6.7	5.3	6.0
BARRACUDA	7.3	6.3	5.3	5.8
DLFPS-AP/3018	7.7	6.3	5.3	5.8
PURE SELECT	6.7	6.0	5.7	5.8
NIGHTLIFE	6.7	6.0	5.3	5.7
V-8	7.3	6.0	5.3	5.7
777 (DLFPS-AP/3054)	6.7	5.3	5.7	5.5
ARMOR	6.0	5.0	6.0	5.5
DECLARATION	7.0	6.0	5.0	5.5
L-93 XD	6.3	5.3	5.7	5.5
PST-ROPS	7.0	5.3	5.7	5.5
LUMINARY	6.7	6.0	4.7	5.3
PENN A-1	7.7	6.0	4.7	5.3
DLFPS-AP/3056	7.0	5.7	4.3	5.0
DLFPS-AP/3058	6.7	5.3	4.7	5.0
KINGDOM	5.7	5.0	5.0	5.0
PENNCROSS	6.7	5.3	3.0	4.2
LSD VALUE	1.3	1.0	1.3	0.8
C.V. (%)	9.1	9.7	13.7	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 18. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2014 NATIONAL BENTGRASS (GREENS) TEST AT BLACKSBURG, VA 1/
2015 DATA

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

NAME	GENETIC COLOR	PERCENT COVER FALL	QUALITY RATINGS							MEAN
			JUN	JUL	AUG	SEP	OCT	NOV		
PIRANHA (DC-1)	6.3	71.7	5.3	7.0	6.3	7.0	6.3	8.3	6.7	
PST-ROPS	6.7	68.3	5.0	7.3	7.0	7.3	5.7	6.7	6.5	
SHARK	6.7	70.0	5.7	7.0	6.7	6.7	6.0	7.0	6.5	
V-8	6.7	71.7	6.0	6.3	6.3	6.3	6.3	7.7	6.5	
777 (DLFPS-AP/3054)	7.7	63.3	4.7	6.7	6.3	6.7	6.3	7.3	6.3	
DLFPS-AP/3018	6.3	66.7	4.7	6.7	6.3	7.0	6.0	7.3	6.3	
DLFPS-AP/3059	7.0	71.7	5.3	6.3	6.3	6.0	5.7	8.0	6.3	
GDE	6.7	66.7	5.3	6.0	6.3	6.3	6.7	7.3	6.3	
PURE SELECT	6.0	75.0	5.3	6.3	6.0	6.7	6.0	7.3	6.3	
DLFPS-AP/3056	7.0	65.0	4.7	6.3	6.0	6.0	6.7	7.7	6.2	
L-93 XD	6.7	61.7	4.3	5.7	6.7	7.0	5.7	8.0	6.2	
BARRACUDA	6.0	78.3	5.3	6.7	6.0	5.7	6.0	7.0	6.1	
DECLARATION	6.7	65.0	5.0	5.7	5.7	5.7	6.7	7.7	6.1	
KINGDOM	8.7	68.3	4.7	6.3	6.3	6.0	6.0	7.0	6.1	
LUMINARY	6.7	68.3	4.3	6.7	6.3	6.0	6.3	7.0	6.1	
NIGHTLIFE	9.0	63.3	5.0	6.7	6.0	6.0	6.3	6.7	6.1	
PENN A-1	6.3	75.0	5.0	6.0	6.0	6.0	5.7	6.7	5.9	
DLFPS-AP/3058	6.7	68.3	4.3	5.7	5.7	6.0	5.7	7.0	5.7	
ARMOR	8.0	60.0	4.3	6.0	5.3	6.3	5.3	6.3	5.6	
PENNCROSS	7.0	70.0	5.0	4.7	4.7	4.0	5.3	5.7	4.9	
LSD VALUE	0.8	23.3	2.3	1.5	1.8	2.0	1.1	1.4	1.0	
C.V. (%)	7.0	11.7	16.1	11.4	11.7	14.4	8.4	9.5	7.6	

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.