

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST AT OLYMPIA (OLYMPIA FIELDS CC), IL 1/  
2023 DATA

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

NAME	COLOR		POA		QUALITY RATINGS			MEAN
	OCTOBER	ANNUA	APR	MAY	JUN	JUL	OCT	
PSU-CBG1	8.0	9.0	7.3	8.7	7.0	8.0	8.0	7.8
PST-0HR	7.7	9.0	7.3	8.3	7.0	8.0	8.0	7.7
PSU-CBG2	7.7	9.0	7.3	7.7	7.7	8.0	8.0	7.7
PSU-CBG3	8.0	9.0	7.0	8.0	7.0	7.7	7.7	7.5
OAKLEY (PPG-AP-MTV1)	7.3	9.0	6.0	7.0	7.3	7.0	7.3	6.9
PVF-PV-1	6.7	9.0	6.3	7.7	6.7	6.7	7.0	6.9
SPECTRUM (LNS 19)	6.7	9.0	6.3	7.0	7.0	6.7	7.3	6.9
PIPER (PPG-AP-MTV2)	7.0	9.0	6.0	7.3	6.3	6.7	7.3	6.7
007XL	7.3	9.0	6.0	7.3	5.3	6.3	7.7	6.5
PVF-PV-2	7.3	9.0	6.0	6.7	5.3	7.0	7.0	6.4
CY-4	6.0	9.0	5.0	6.7	5.0	6.3	6.3	5.9
DLFPS-AP-3084	6.7	9.0	4.7	6.0	5.7	6.3	6.7	5.9
L-93 XD	7.0	8.7	4.7	6.7	5.7	6.0	6.7	5.9
PIRANHA	7.3	9.0	4.7	6.0	5.7	5.7	7.3	5.9
S1	6.3	9.0	5.0	6.0	5.3	6.3	7.0	5.9
BARRACUDA	6.0	9.0	5.0	5.7	6.0	4.7	5.7	5.4
PST-0DSF	5.7	7.7	4.3	4.7	5.7	5.3	5.3	5.1
PENN A-1	5.3	8.7	3.7	4.3	4.7	5.0	4.7	4.5
DECLARATION	4.3	8.0	3.7	4.0	5.3	5.0	4.0	4.4
PENNCROSS	4.0	8.0	3.0	3.7	4.7	4.0	3.7	3.8
LSD VALUE	1.0	0.5	1.1	1.0	1.9	0.8	1.1	0.6
C.V. (%)	9.9	3.5	13.1	10.2	16.5	8.4	10.3	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 2.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST AT WEST LAFAYETTE, IN 1/  
2023 DATA

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

NAME	SPRING	LEAF	SPRING	SUMMER	DOLLAR	POA	APR	MAY	JUN	QUALITY RATINGS					MEAN
	GREENUP	TEXTURE	DENSITY	DENSITY	SPOT	ANNUA				JUL	AUG	SEP	OCT	NOV	
PST-OHR	4.3	8.7	8.3	9.0	9.0	9.0	7.7	7.7	7.7	8.3	8.7	8.3	8.0	8.3	8.1
PSU-CBG1	4.7	7.3	8.3	9.0	9.0	9.0	7.0	7.0	8.3	7.7	8.0	8.0	8.0	8.0	7.8
PSU-CBG3	4.3	8.0	8.3	8.7	8.3	9.0	7.0	7.7	8.0	7.7	8.0	8.0	8.0	8.0	7.8
PSU-CBG2	3.7	7.7	7.3	8.7	9.0	9.0	7.0	6.7	8.0	8.0	8.7	8.0	7.7	7.7	7.7
PST-ODSF	5.3	7.3	8.0	8.0	9.0	9.0	6.3	7.0	8.0	8.0	7.7	8.3	7.0	7.0	7.4
PIPER (PPG-AP-MTV2)	6.0	8.0	7.7	7.0	9.0	9.0	7.0	7.3	7.7	6.7	7.3	7.3	7.3	7.3	7.3
PVF-PV-1	6.3	6.3	7.7	7.7	9.0	9.0	6.3	7.3	7.0	7.7	7.3	7.7	7.3	7.3	7.3
SPECTRUM (LNS 19)	6.0	7.0	7.0	6.7	9.0	9.0	7.0	7.0	7.7	7.7	7.0	7.7	7.0	7.0	7.3
OAKLEY (PPG-AP-MTV1)	5.7	7.0	8.7	7.3	9.0	9.0	6.7	6.7	7.0	7.3	7.3	7.7	7.3	7.3	7.2
007XL	6.3	7.0	7.7	7.3	9.0	9.0	7.0	6.0	7.7	7.0	7.3	7.3	6.7	6.7	7.0
PIRANHA	6.3	6.3	7.3	7.0	9.0	9.0	5.7	6.3	6.7	7.0	7.3	7.7	7.3	7.3	6.9
PVF-PV-2	6.0	6.7	7.7	7.3	9.0	9.0	6.7	6.3	6.7	7.0	7.3	7.7	6.7	6.7	6.9
DLFPS-AP-3084	6.3	6.7	7.0	7.7	9.0	9.0	6.3	6.0	7.3	7.0	7.3	7.3	6.3	6.7	6.8
S1	6.3	7.3	7.7	7.0	9.0	9.0	6.3	6.7	7.0	6.7	7.0	7.0	6.7	6.7	6.8
BARRACUDA	6.3	6.3	6.7	6.3	9.0	9.0	6.0	6.7	7.0	6.0	6.3	6.7	6.7	6.7	6.5
L-93 XD	6.0	7.0	7.0	6.3	9.0	9.0	5.7	6.0	7.7	6.3	6.0	7.3	6.7	6.7	6.5
CY-4	5.0	5.0	5.7	6.7	9.0	9.0	6.0	5.7	5.7	6.0	6.7	7.0	6.7	6.7	6.3
PENN A-1	5.3	5.3	6.7	5.7	9.0	8.7	4.7	6.0	6.7	5.3	5.7	6.3	6.0	6.0	5.8
DECLARATION	6.7	4.7	5.3	5.3	9.0	8.3	5.0	5.3	6.0	6.0	5.0	6.0	5.7	5.7	5.6
PENNCROSS	4.3	4.0	3.3	4.3	9.0	8.3	3.3	4.3	4.7	4.0	4.3	4.3	5.0	5.0	4.4
LSD VALUE	1.9	1.0	1.5	1.0	0.8	0.4	0.8	2.1	0.9	0.7	1.1	0.8	0.8	0.9	0.5
C.V. (%)	17.2	9.5	12.8	9.2	2.9	2.4	8.7	15.4	7.8	6.9	10.2	7.0	7.6	7.8	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 3.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST GROWN UNDER LOW FUNGICIDE AT WEST LAFAYETTE, IN 1/  
2023 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	QUALITY RATINGS					MEAN			
								NOV	6/30	7/7	7/16	7/26		8/13	8/30	9/30
OAKLEY (PPG-AP-MTV1)	7.7	7.3	7.0	8.3	6.7	7.3	7.3	7.3	8.3	7.7	7.3	5.7	6.7	6.7	7.0	7.2
SPECTRUM (LNS 19)	6.7	7.3	7.3	8.0	7.0	7.3	7.3	7.3	8.0	7.3	7.0	7.0	6.7	6.7	7.7	7.2
007XL	7.0	6.7	7.0	8.3	5.7	8.0	7.0	7.3	8.3	7.0	6.7	6.3	5.0	6.0	7.3	6.9
DLFPS-AP-3084	7.0	7.3	6.3	8.3	6.3	7.0	7.0	7.3	8.3	7.0	6.3	6.0	6.0	6.3	7.0	6.9
PVF-PV-2	6.7	6.7	7.0	8.3	6.3	7.7	7.0	7.3	8.3	6.3	6.7	6.0	5.7	6.3	7.7	6.9
PVF-PV-1	6.7	7.3	7.0	8.0	5.7	8.0	6.7	6.7	8.0	7.3	6.7	5.7	5.3	6.0	7.0	6.8
PIPER (PPG-AP-MTV2)	7.3	7.0	6.7	6.7	5.3	8.0	7.0	7.7	8.0	6.0	6.0	6.0	5.0	6.0	7.7	6.7
PST-0DSF	6.3	7.0	7.7	7.7	4.7	8.0	7.7	7.7	8.0	6.0	6.3	5.0	4.7	5.7	7.3	6.6
PIRANHA	6.7	6.3	6.7	7.0	5.0	7.3	7.3	7.3	7.7	6.3	5.3	5.0	4.7	5.7	7.3	6.4
L-93 XD	6.0	7.0	7.0	6.7	5.0	7.3	6.7	7.3	7.3	6.0	5.7	5.0	4.7	5.7	7.0	6.3
S1	6.7	6.7	6.7	6.7	5.0	7.3	7.0	7.0	7.3	5.3	5.3	4.7	4.3	5.0	7.3	6.2
CY-4	6.0	6.0	6.0	7.0	5.7	6.7	6.0	6.0	7.0	6.3	5.7	5.7	5.7	5.7	6.0	6.1
PSU-CBG1	7.0	7.7	8.0	5.0	3.3	7.7	8.0	8.0	8.0	5.0	4.0	4.0	3.3	5.3	7.7	6.1
PST-0HR	7.0	7.7	7.3	4.0	3.3	7.3	8.3	8.0	8.0	4.3	4.0	3.7	3.3	5.3	7.7	6.0
PSU-CBG2	6.7	7.0	7.7	5.3	3.7	7.7	7.3	7.3	8.0	4.7	4.0	4.0	3.3	5.7	7.3	6.0
BARRACUDA	6.3	6.0	6.7	6.3	4.3	6.7	6.3	6.7	7.0	5.7	5.7	4.7	4.3	5.0	6.3	5.9
DECLARATION	6.3	6.0	6.0	5.7	5.0	6.3	6.3	6.3	6.7	5.0	5.0	5.0	4.0	5.0	6.3	5.7
PSU-CBG3	6.7	7.7	7.0	4.3	3.3	6.3	7.3	7.0	8.0	4.0	4.0	3.0	3.0	5.0	6.7	5.6
PENN A-1	5.7	6.0	6.0	5.0	4.0	6.3	5.7	5.7	6.0	5.0	4.7	4.3	3.7	5.0	5.7	5.2
PENNCROSS	4.3	4.7	4.7	3.7	2.7	4.0	4.3	4.3	5.0	3.3	3.3	3.0	2.7	3.7	4.3	3.9
LSD VALUE	1.6	0.9	0.8	1.3	1.0	0.9	1.4	1.1	0.8	1.1	1.1	0.9	0.9	0.8	0.9	0.4
C.V. (%)	11.9	8.4	7.3	12.9	13.3	8.0	11.6	9.7	6.7	11.9	13.0	11.1	13.1	8.9	8.4	4.4

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 3.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST GROWN UNDER LOW FUNGICIDE AT WEST LAFAYETTE, IN 1/  
2023 DATA

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

NAME	BROWN PATCH		DOLLAR SPOT 7/2	INFECTION 7/7	CENTER COUNTS 7/16
	WARM TEMP	FAIRY RING			
OAKLEY (PPG-AP-MTV1)	9.0	9.0	0.0	2.0	0.7
SPECTRUM (LNS 19)	9.0	7.7	0.0	0.7	1.0
007XL	9.0	8.7	0.7	1.0	0.7
DLFPS-AP-3084	8.0	8.0	1.0	0.7	2.0
PVF-PV-2	8.0	6.7	2.3	4.7	1.7
PVF-PV-1	9.0	5.0	3.0	3.7	2.3
PIPER (PPG-AP-MTV2)	9.0	6.0	14.0	13.0	8.7
PST-0DSF	9.0	7.0	0.7	11.5	7.7
PIRANHA	8.0	6.3	12.0	19.0	18.7
L-93 XD	9.0	6.3	2.0	14.7	17.7
S1	9.0	6.3	28.7	28.7	18.3
CY-4	9.0	9.0	0.7	2.3	1.0
PSU-CBG1	8.3	7.7	35.7	43.0	56.3
PST-0HR	9.0	7.3	71.7	79.3	70.3
PSU-CBG2	9.0	6.3	49.0	53.3	52.3
BARRACUDA	8.0	5.7	8.0	25.0	19.7
DECLARATION	9.0	9.0	7.3	24.7	22.3
PSU-CBG3	9.0	6.0	79.7	85.0	79.3
PENN A-1	6.7	7.3	20.3	36.3	34.7
PENNCROSS	6.7	9.0	72.7	81.3	73.7
LSD VALUE	2.2	4.3	40.8	32.6	26.3
C.V. (%)	11.4	24.3	114.9	74.1	68.0

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 4.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST AT MANHATTAN, KS 1/  
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	SPRING DENSITY	DOLLAR SPOT	YELLOW TUFT JULY	BROWN PATCH WARM TEMP.			QUALITY RATINGS					MEAN
						JUNE	JULY	MAR	MAY	JUN	JUL	AUG	NOV	
PIRANHA	7.7	6.7	6.3	9.0	8.3	9.0	6.7	6.3	6.0	7.0	5.7	4.7	5.3	5.8
PST-OHR	7.3	5.3	6.3	9.0	7.7	9.0	7.7	6.0	5.7	6.7	6.3	4.3	4.7	5.6
007XL	6.7	6.3	6.3	9.0	8.7	9.0	6.0	6.0	6.3	6.3	4.3	4.3	5.0	5.4
PENN A-1	6.7	6.0	5.7	9.0	6.7	9.0	6.3	5.7	5.3	6.7	4.7	5.0	5.0	5.4
PIPER (PPG-AP-MTV2)	7.0	5.7	7.0	8.3	8.3	8.0	6.0	6.3	6.0	6.3	4.7	4.3	5.0	5.4
PVF-PV-1	6.0	6.0	5.3	9.0	7.7	8.3	5.7	6.3	5.0	5.7	4.7	5.0	6.0	5.4
S1	6.0	5.7	5.3	9.0	8.7	9.0	6.3	6.0	5.0	6.3	4.7	5.7	5.0	5.4
BARRACUDA	6.7	6.3	6.3	9.0	8.0	9.0	7.0	6.3	5.7	6.7	4.7	4.0	4.7	5.3
CY-4	7.0	6.3	6.3	9.0	8.7	7.7	5.3	6.0	5.7	6.3	4.7	4.3	5.0	5.3
PSU-CBG1	7.0	6.3	6.3	9.0	8.7	9.0	7.3	6.0	5.7	6.0	5.7	4.0	4.3	5.3
PSU-CBG2	7.7	6.0	7.7	9.0	8.3	9.0	8.0	6.0	6.7	6.3	5.3	3.0	4.3	5.3
PSU-CBG3	6.3	5.7	6.3	9.0	7.3	9.0	8.0	5.7	5.3	5.7	6.0	3.7	4.7	5.2
PVF-PV-2	6.3	5.3	6.7	8.7	7.7	9.0	6.0	6.0	5.3	6.3	4.7	4.3	4.7	5.2
DECLARATION	6.0	5.7	5.3	9.0	8.0	9.0	5.7	5.3	4.7	6.7	4.0	5.0	5.0	5.1
DLFPS-AP-3084	5.7	5.3	5.0	9.0	7.3	9.0	6.7	5.7	4.0	6.0	4.7	5.7	4.3	5.1
PENNCROSS	6.7	5.3	5.7	9.0	7.0	9.0	6.3	5.3	4.7	6.0	4.3	5.0	5.3	5.1
SPECTRUM (LNS 19)	5.3	5.3	4.7	9.0	7.3	9.0	8.0	5.3	4.3	6.0	5.7	4.7	4.3	5.1
OAKLEY (PPG-AP-MTV1)	7.0	6.3	6.0	9.0	7.7	8.0	6.0	5.7	5.7	6.0	4.3	4.0	3.7	4.9
PST-ODSF	6.3	5.3	4.7	8.0	7.0	9.0	8.3	5.3	4.0	5.7	5.0	4.7	4.3	4.8
L-93 XD	5.0	4.7	4.7	9.0	6.0	9.0	4.3	5.0	4.0	6.0	3.3	4.7	4.0	4.5
LSD VALUE	3.0	1.6	2.6	1.4	3.1	2.5	4.4	2.0	3.6	2.7	2.8	3.3	3.9	1.1
C.V. (%)	17.1	11.7	18.5	5.2	14.8	9.0	24.8	11.7	24.1	12.8	22.2	24.5	23.9	8.4

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  
2020 NATIONAL BENTGRASS (GREENS) TEST AT AMHERST (TRAFFIC), MA 1/  
2023 DATA

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

NAME	WEAR TOLERANCE			QUALITY RATINGS									MEAN
	MAY	JULY	OCTOBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
PST-0HR	7.0	6.0	6.7	7.3	7.0	5.7	6.3	6.7	7.0	7.0	6.0	6.6	
PSU-CBG2	5.7	5.3	5.7	6.7	6.7	6.3	6.3	6.3	6.3	7.0	5.7	6.4	
PIPER (PPG-AP-MTV2)	5.3	4.7	5.0	6.7	6.3	6.0	6.7	6.3	7.0	6.3	5.3	6.3	
PVF-PV-2	5.3	4.7	6.0	6.3	6.7	6.7	6.7	6.3	6.7	5.7	5.7	6.3	
OAKLEY (PPG-AP-MTV1)	4.3	5.0	4.7	6.7	6.3	5.7	6.7	6.3	6.7	6.3	5.0	6.2	
PIRANHA	4.3	5.0	6.0	6.3	6.7	6.3	6.0	6.3	6.3	6.0	5.3	6.2	
CY-4	6.3	6.3	6.3	6.3	6.0	5.7	6.0	6.0	7.0	6.0	6.0	6.1	
SPECTRUM (LNS 19)	4.7	4.7	5.0	6.0	6.3	6.7	5.7	6.3	6.3	6.3	5.3	6.1	
007XL	4.0	4.7	5.3	6.7	6.3	6.3	6.3	6.0	5.7	6.0	5.0	6.0	
BARRACUDA	5.3	5.3	5.3	6.3	6.3	6.3	6.0	5.7	6.3	6.0	5.0	6.0	
PSU-CBG1	5.3	6.0	6.3	6.3	6.7	5.7	6.0	6.3	6.3	6.0	5.0	6.0	
PSU-CBG3	6.0	5.0	5.7	6.3	6.3	5.7	5.3	5.7	6.7	6.3	5.3	6.0	
PVF-PV-1	5.0	4.3	4.7	6.3	6.3	6.7	6.3	6.3	5.7	5.7	4.7	6.0	
S1	4.7	5.0	5.7	6.3	6.0	6.3	5.7	6.3	6.0	5.7	5.3	6.0	
DLFPS-AP-3084	4.0	4.7	5.0	5.7	6.0	5.7	5.7	6.0	5.3	6.3	5.0	5.7	
DECLARATION	4.0	4.0	5.0	6.3	6.0	5.3	5.7	5.3	5.3	5.7	5.0	5.6	
L-93 XD	6.0	5.3	6.0	6.3	5.3	5.3	5.3	5.7	5.7	6.0	5.0	5.6	
PENN A-1	4.7	3.7	5.0	5.7	6.0	5.7	5.7	5.7	5.7	5.3	4.3	5.5	
PST-0DSF	3.7	4.7	5.7	5.7	6.0	5.7	5.7	5.3	4.7	5.7	4.7	5.4	
PENNCROSS	3.3	4.3	3.0	5.0	5.0	4.3	4.0	4.0	4.3	4.7	4.0	4.4	
LSD VALUE	1.1	0.6	1.0	1.1	0.8	1.0	0.9	1.0	0.8	0.6	0.6	0.5	
C.V. (%)	14.0	7.8	11.0	8.9	7.1	9.4	8.7	9.4	8.1	6.2	6.8	5.2	

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 6.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST AT ST. PAUL, MN 1/  
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT GROUND COVER		QUALITY RATINGS						MEAN
			SPRING	FALL	MAY	JUN	JUL	AUG	SEP	OCT	
SPECTRUM (LNS 19)	6.3	6.0	70.3	92.7	7.0	7.3	7.3	8.0	8.0	6.7	7.4
PST-OHR	7.7	5.0	68.3	95.7	8.7	7.3	6.0	7.0	8.0	6.7	7.3
PVF-PV-1	5.7	7.0	73.3	93.0	7.7	6.7	7.0	8.0	7.7	7.0	7.3
PIPER (PPG-AP-MTV2)	4.7	6.3	68.7	93.3	7.3	6.0	7.0	7.7	8.0	6.7	7.1
OAKLEY (PPG-AP-MTV1)	4.3	5.3	70.3	92.3	7.0	6.7	5.7	7.3	6.7	6.3	6.6
PSU-CBG2	5.7	3.7	56.7	94.3	7.3	5.7	6.3	7.0	7.0	6.3	6.6
DLFPS-AP-3084	4.3	4.7	65.0	92.0	6.3	6.3	6.7	7.0	6.3	5.7	6.4
PVF-PV-2	4.7	5.0	61.7	93.3	6.3	6.0	6.0	7.0	6.7	6.3	6.4
007XL	3.7	6.3	73.3	93.7	6.3	6.3	6.7	6.0	6.3	6.3	6.3
PST-ODSF	5.0	4.3	55.3	97.7	6.7	6.7	6.0	5.7	6.7	6.3	6.3
PSU-CBG3	4.7	5.7	70.0	95.7	7.0	5.0	5.7	7.0	6.3	7.0	6.3
PIRANHA	3.7	5.0	60.0	94.7	6.7	6.7	6.7	6.0	5.3	5.3	6.1
PSU-CBG1	4.7	7.0	76.3	97.7	7.7	5.3	5.7	6.0	5.7	6.3	6.1
BARRACUDA	3.3	6.3	76.0	94.7	5.7	6.0	6.3	6.0	5.7	6.3	6.0
L-93 XD	4.0	4.7	66.0	93.0	6.3	6.7	6.7	5.7	5.7	5.0	6.0
S1	4.0	6.3	72.0	93.0	6.3	5.7	6.0	5.3	5.3	5.7	5.7
PENN A-1	3.3	4.7	57.3	94.3	5.7	6.3	5.7	4.7	4.3	4.3	5.2
CY-4	3.0	4.7	70.3	92.7	4.3	4.7	4.0	4.7	4.7	5.7	4.7
DECLARATION	2.0	4.7	63.3	93.3	5.0	5.0	5.0	4.7	4.0	4.0	4.6
PENNCROSS	2.0	2.0	47.3	90.7	4.0	3.7	3.7	3.7	3.0	3.0	3.5
LSD VALUE	2.8	3.5	14.7	3.0	1.1	1.7	1.4	1.4	1.4	2.1	1.1
C.V. (%)	33.8	29.6	11.9	1.8	11.1	15.0	13.7	14.1	14.7	18.9	11.0

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

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

TABLE 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST AT RALEIGH, NC 1/  
2022 DATA

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

NAME	GENETIC		LEAF	SPRING	SUMMER	QUALITY RATINGS											
	COLOR	TEXTURE	DENSITY	DENSITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN	
SPECTRUM (LNS 19)	8.0	8.7	8.3	9.0	7.0	8.0	8.0	8.3	8.7	9.0	9.0	8.0	7.7	8.7	7.7	8.2	
DLFPS-AP-3084	8.3	8.0	7.7	9.0	7.0	7.3	8.0	7.3	8.0	8.7	9.0	8.7	8.0	9.0	8.0	8.1	
PVF-PV-2	8.3	8.0	8.7	9.0	7.0	8.0	8.0	7.7	8.3	9.0	9.0	8.7	8.0	7.7	6.3	8.0	
007XL	8.0	7.7	8.3	9.0	7.0	7.7	8.0	7.3	8.0	9.0	9.0	8.0	8.0	8.0	6.7	7.9	
OAKLEY (PPG-AP-MTV1)	7.7	8.3	8.0	9.0	7.0	8.0	8.0	7.7	8.0	8.7	8.7	8.3	8.0	8.3	6.3	7.9	
L-93 XD	8.0	8.3	8.0	8.3	7.0	7.3	8.0	8.0	8.0	9.0	9.0	8.0	8.0	7.3	5.7	7.8	
PIPER (PPG-AP-MTV2)	7.7	8.3	8.3	9.0	7.0	8.0	8.0	7.7	7.7	9.0	9.0	8.3	8.0	7.3	6.0	7.8	
PVF-PV-1	8.3	8.3	8.0	9.0	7.0	8.0	8.3	7.3	8.0	8.7	8.7	8.3	8.0	7.7	6.3	7.8	
PIRANHA	8.0	8.3	8.0	8.7	7.0	7.7	7.7	8.3	8.3	8.7	9.0	7.0	8.0	7.0	4.7	7.6	
S1	8.0	8.3	8.3	9.0	7.0	8.0	8.0	7.7	8.3	8.3	9.0	7.7	8.0	7.0	5.0	7.6	
BARRACUDA	8.0	8.0	8.0	8.3	7.0	7.7	8.0	7.7	7.7	8.7	9.0	7.7	7.7	7.0	5.0	7.5	
CY-4	8.0	8.3	7.3	8.3	7.0	7.0	6.0	7.3	8.0	8.3	8.3	7.0	8.0	8.3	7.3	7.5	
PST-0HR	8.7	9.0	9.0	9.0	7.0	7.3	8.0	8.0	8.3	9.0	9.0	7.0	7.3	7.0	5.0	7.5	
PST-0DSF	8.3	9.0	8.7	9.0	6.0	5.7	9.0	8.3	8.7	8.3	9.0	6.7	7.7	7.0	5.0	7.4	
DECLARATION	8.0	7.3	7.0	8.0	6.0	6.3	7.0	8.0	8.0	7.7	8.0	8.7	7.3	7.3	5.7	7.3	
PENN A-1	8.7	8.3	7.3	9.0	5.7	5.7	8.0	8.0	8.0	8.3	9.0	7.0	8.0	7.3	5.3	7.3	
PSU-CBG1	8.0	9.0	9.0	9.0	7.0	6.7	8.3	8.0	8.3	8.0	8.7	5.3	6.3	7.7	5.3	7.2	
PSU-CBG2	8.7	8.7	8.7	9.0	6.3	7.0	9.0	8.0	8.0	8.3	7.7	5.7	6.3	7.3	5.3	7.2	
PSU-CBG3	9.0	9.0	9.0	9.0	5.7	5.7	9.0	7.0	7.7	7.7	8.0	6.7	6.7	7.3	5.7	7.0	
PENNCROSS	7.0	6.0	6.0	7.0	4.3	5.0	6.3	7.0	7.0	6.7	7.0	6.0	6.7	5.7	4.3	6.0	
LSD VALUE	0.7	0.9	0.6	0.4	0.6	0.8	0.5	1.0	1.0	0.8	0.4	0.9	0.9	0.8	1.2	0.3	
C.V. (%)	4.8	6.6	5.1	3.0	6.3	7.5	4.4	6.3	5.8	5.5	3.3	8.1	6.7	6.7	12.2	3.0	

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 7.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST AT RALEIGH, NC 1/  
2022 DATA

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

NAME	PERCENT GROUND COVER			WINTER		PYTHIUM		POA ANNUA	CRAB GRASS	DOLLAR OCT	SPOT NOV	ALGAE 3/1	ALGAE 5/1	ALGAE 5/30
	SPRING	SUMMER	FALL	COLOR	ANTHRACNOSE	ROOT ROT	COLOR NOVEMBER							
SPECTRUM (LNS 19)	99	99.0	99.0	8.0	7.7	9.0	8.0	9.0	9.0	8.7	8.7	9.0	9.0	8.7
DLFPS-AP-3084	99	99.0	99.0	7.3	8.0	9.0	8.0	9.0	8.7	8.7	9.0	9.0	9.0	7.0
PVF-PV-2	99	99.0	98.7	8.0	9.0	9.0	8.7	8.7	9.0	7.7	7.0	9.0	9.0	8.3
007XL	99	99.0	98.7	8.0	8.3	8.7	8.0	9.0	9.0	8.0	7.0	9.0	9.0	7.0
OAKLEY (PPG-AP-MTV1)	99	99.0	99.0	8.0	7.7	9.0	8.0	9.0	8.7	8.3	7.3	9.0	9.0	8.0
L-93 XD	99	99.0	98.7	7.7	9.0	8.7	8.0	8.7	8.3	7.7	5.7	9.0	8.0	5.3
PIPER (PPG-AP-MTV2)	99	99.0	98.7	8.0	9.0	9.0	8.0	9.0	9.0	7.7	6.3	9.0	9.0	8.0
PVF-PV-1	99	99.0	98.7	8.0	8.3	9.0	8.3	9.0	8.3	7.7	7.0	9.0	9.0	8.0
PIRANHA	99	99.0	98.0	7.7	9.0	7.7	8.3	9.0	8.7	7.3	5.0	9.0	8.0	5.7
S1	99	99.0	98.0	8.0	9.0	8.3	8.0	8.3	8.0	7.3	5.3	9.0	8.3	6.0
BARRACUDA	99	99.0	98.3	7.7	8.7	8.0	8.0	9.0	8.7	7.3	5.0	9.0	8.0	5.7
CY-4	99	99.0	99.0	7.0	9.0	7.3	8.0	8.7	7.3	8.7	8.0	9.0	9.0	7.0
PST-OHR	99	98.3	98.3	7.7	8.7	7.7	8.3	8.7	7.7	7.3	4.7	9.0	9.0	8.0
PST-ODSF	99	98.3	98.3	5.3	9.0	7.3	9.0	7.7	8.0	7.3	5.3	9.0	8.3	5.3
DECLARATION	99	99.0	98.7	6.0	9.0	8.7	8.0	7.3	6.7	8.0	7.3	9.0	8.7	5.7
PENN A-1	99	99.0	98.3	5.3	8.3	7.3	8.7	8.0	8.0	7.3	5.3	9.0	8.7	5.0
PSU-CBG1	99	95.0	99.0	7.0	8.3	5.3	8.3	9.0	8.0	7.7	5.3	9.0	9.0	8.3
PSU-CBG2	99	96.3	98.7	7.0	7.7	6.0	8.7	9.0	8.7	7.3	5.7	9.0	9.0	9.0
PSU-CBG3	99	97.0	98.7	7.0	7.3	6.0	9.0	8.7	8.0	7.7	5.7	9.0	9.0	9.0
PENNCROSS	99	99.0	94.3	4.0	9.0	8.7	7.0	5.0	6.3	7.7	4.7	6.7	6.0	5.3
LSD VALUE	0	1.0	2.0	0.6	2.0	0.9	0.5	0.7	1.1	1.4	1.4	0.2	0.7	2.4
C.V. (%)	0	0.7	1.1	5.6	9.5	7.2	4.0	5.1	8.0	7.7	13.9	1.5	5.2	19.0

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  
2020 NATIONAL BENTGRASS (GREENS) TEST AT NORTH BRUNSWICK, NJ 1/  
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	FALL DENSITY	DOLLAR SPOT		SOD WEB WORM	APR	MAY	QUALITY RATINGS					MEAN
					AUGUST	OCTOBER				JUN	JUL	AUG	SEP	OCT	
SPECTRUM (LNS 19)	8.0	6.7	8.0	8.3	9.0	8.7	4.3	8.0	7.7	8.0	8.3	8.7	8.0	7.7	8.0
PIPER (PPG-AP-MTV2)	7.7	7.7	8.7	7.7	7.7	7.3	5.0	8.7	7.3	8.0	7.7	7.3	6.7	6.0	7.4
OAKLEY (PPG-AP-MTV1)	7.3	6.0	7.3	6.3	7.7	7.3	4.7	8.0	8.3	7.7	6.3	7.3	7.3	5.3	7.2
007XL	7.3	6.3	7.7	6.0	8.3	7.7	5.3	8.0	7.0	7.0	7.3	7.7	7.3	5.7	7.1
PVF-PV-1	7.3	7.3	8.0	6.7	7.7	7.0	5.0	7.7	6.7	8.3	8.3	6.7	7.0	5.0	7.1
PVF-PV-2	7.0	7.3	7.7	6.3	7.3	7.7	4.7	8.0	7.0	7.3	8.0	7.0	6.7	5.3	7.0
CY-4	8.7	5.0	7.7	7.0	8.0	8.7	6.7	6.7	5.0	5.7	5.7	6.0	6.7	7.0	6.1
DLFPS-AP-3084	7.3	4.3	6.7	5.3	8.0	7.3	5.0	6.7	5.7	6.3	5.3	6.7	6.0	5.0	6.0
PIRANHA	6.3	6.7	5.0	4.3	6.3	5.3	6.0	6.3	6.0	7.3	6.3	5.3	5.3	3.3	5.7
S1	6.3	6.0	6.7	5.3	7.3	5.3	5.7	7.0	5.3	6.0	5.0	6.0	5.0	3.7	5.4
L-93 XD	6.7	4.7	6.0	5.0	7.7	5.3	5.7	6.0	5.7	5.7	5.0	6.3	4.7	3.3	5.2
BARRACUDA	5.0	4.3	5.7	4.3	7.3	6.0	6.0	6.3	4.7	5.0	4.3	5.3	5.0	3.7	4.9
PSU-CBG2	6.0	2.7	7.3	6.0	4.0	2.7	2.3	6.7	6.7	6.3	5.3	3.3	4.3	1.7	4.9
PST-0DSF	4.0	3.3	4.7	4.3	6.3	4.3	2.0	6.3	4.7	5.0	5.3	5.0	4.3	3.0	4.8
PSU-CBG1	6.0	3.0	8.0	7.0	3.0	1.7	2.7	7.3	6.7	6.0	4.0	2.7	3.3	1.0	4.4
PSU-CBG3	5.0	1.7	7.7	7.0	3.0	1.7	2.7	6.7	6.0	5.3	3.7	1.7	2.7	1.0	3.9
DECLARATION	2.7	4.3	3.3	2.3	7.7	6.7	7.3	4.0	3.3	4.0	4.0	3.3	3.0	3.7	3.6
PENN A-1	3.7	2.0	4.0	3.0	6.0	4.7	5.0	4.0	3.3	3.3	4.3	4.0	3.7	2.3	3.6
PST-0HR	7.0	3.7	7.7	7.0	2.7	2.3	3.0	5.0	5.3	5.7	4.0	1.0	2.7	1.0	3.5
PENNCROSS	1.0	1.3	3.3	1.0	8.0	6.7	7.7	2.0	1.7	2.0	2.0	1.7	1.3	3.0	2.0
LSD VALUE	1.0	1.8	1.1	1.2	0.9	1.5	2.0	1.7	0.9	1.5	1.3	1.2	1.3	1.2	0.7
C.V. (%)	11.6	24.2	11.5	14.0	9.0	17.2	24.8	16.7	10.7	15.5	15.5	15.5	16.7	20.5	9.1

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

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

TABLE 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST AT STILLWATER, OK 1/  
2023 DATA

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

NAME	GENETIC COLOR	SUMMER DENSITY	PERCENT GROUND		QUALITY RATINGS				OCT	MEAN
			COVER	FALL	JUN	JUL	AUG	SEP		
S1	6.3	6.7	94.7		6.3	5.3	5.3	5.0	7.3	5.9
PIRANHA	6.7	7.0	91.3		6.3	5.7	5.0	3.7	6.7	5.5
007XL	6.3	5.7	82.7		6.0	5.0	4.7	4.0	6.7	5.3
PVF-PV-2	6.0	7.3	75.0		6.3	6.3	5.3	3.0	5.7	5.3
BARRACUDA	6.0	5.7	89.3		6.3	5.0	4.7	3.7	6.3	5.2
SPECTRUM (LNS 19)	6.7	6.7	83.3		7.0	5.7	4.3	3.7	5.3	5.2
L-93 XD	5.7	6.7	73.3		6.0	5.7	4.3	3.0	6.3	5.1
DLFPS-AP-3084	5.7	7.0	60.0		6.3	5.3	4.3	3.0	5.3	4.9
PVF-PV-1	6.3	7.3	53.7		6.7	6.3	3.3	2.3	5.0	4.7
PIPER (PPG-AP-MTV2)	5.3	7.0	65.0		7.0	6.0	3.7	2.0	4.3	4.6
CY-4	5.7	6.5	70.0		5.3	5.0	3.7	3.7	5.0	4.5
PENN A-1	6.7	6.0	81.7		6.3	5.0	4.0	3.0	4.3	4.5
DECLARATION	6.0	6.0	90.0		4.7	2.7	4.7	3.3	6.0	4.3
OAKLEY (PPG-AP-MTV1)	6.0	7.0	51.7		7.7	5.0	3.0	2.3	3.3	4.3
PST-OHR	6.7	8.0	41.7		8.3	5.7	2.7	2.0	2.7	4.3
PSU-CBG2	6.3	8.0	20.0		8.0	4.3	2.7	1.3	2.7	3.8
PSU-CBG3	6.7	8.7	10.3		8.0	4.7	2.7	1.7	1.0	3.6
PSU-CBG1	5.7	8.0	4.0		8.0	3.3	1.3	1.0	1.0	2.9
PENNCROSS	.	.	.		.	.	.	.	.	.
PST-ODSF	.	.	.		.	.	.	.	.	.
LSD VALUE	1.1	1.4	38.1		1.7	2.3	1.6	1.5	7.3	1.9
C.V. (%)	8.5	11.0	35.6		13.8	21.5	24.3	30.7	60.0	18.9

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 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST AT CORVALLIS, OR 1/  
2023 DATA

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

NAME	QUALITY RATINGS								
	SPRING GREENUP	LEAF TEXTURE	COLOR OCTOBER	APR	MAY	JUN	JUL	OCT	MEAN
PST-0HR	5.7	7.3	7.7	5.3	6.0	6.7	7.3	6.7	6.4
PIPER (PPG-AP-MTV2)	4.7	6.0	6.0	5.3	5.7	6.3	6.7	6.3	6.1
PSU-CBG1	5.3	7.7	6.0	5.0	5.7	6.0	6.7	6.0	5.9
OAKLEY (PPG-AP-MTV1)	4.7	6.7	5.7	5.3	5.7	6.3	5.7	5.3	5.7
PSU-CBG2	4.7	7.3	6.3	5.0	5.7	6.0	6.3	5.7	5.7
PSU-CBG3	4.7	7.0	7.3	4.7	5.3	6.0	6.3	6.3	5.7
BARRACUDA	4.0	5.3	5.3	4.7	5.0	5.7	6.0	6.3	5.5
PIRANHA	4.3	6.0	5.7	4.3	5.3	6.0	6.0	6.0	5.5
CY-4	3.7	5.0	4.0	3.7	5.3	6.3	6.3	5.3	5.4
DLFPS-AP-3084	4.0	5.3	5.3	4.7	5.3	5.3	6.0	5.7	5.4
PVF-PV-2	4.3	6.3	5.0	4.0	5.3	6.3	5.7	5.7	5.4
007XL	5.0	6.3	5.7	5.0	5.3	5.3	5.3	5.7	5.3
SPECTRUM (LNS 19)	4.7	6.0	5.3	4.7	5.3	5.3	5.3	5.0	5.1
L-93 XD	4.3	5.7	5.7	4.7	4.3	5.0	5.0	5.3	4.9
PVF-PV-1	3.7	6.7	5.7	4.0	4.7	5.3	5.3	5.0	4.9
PENN A-1	3.0	4.3	4.3	3.7	4.7	5.3	5.3	5.0	4.8
S1	4.3	5.7	5.0	4.0	4.3	5.0	5.3	4.7	4.7
PST-ODSF	3.3	6.3	5.0	3.7	4.3	5.0	4.7	4.7	4.5
PENNCROSS	2.3	3.3	3.3	3.3	3.7	4.3	5.7	4.7	4.3
DECLARATION	2.3	4.0	3.3	3.3	4.0	4.7	4.3	4.3	4.1
LSD VALUE	1.5	0.8	1.5	1.2	1.4	1.3	2.9	1.8	1.2
C.V. (%)	20.3	8.8	16.6	15.1	13.8	12.0	18.9	15.0	12.0

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  
2020 NATIONAL BENTGRASS (GREENS) TEST AT LOGAN, UT 1/  
2023 DATA

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

NAME	GENETIC	SPRING	SUMMER	COLOR	QUALITY RATINGS						
	COLOR	GREENUP	DENSITY	NOVEMBER	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PST-0HR	8.0	7.7	8.7	6.0	7.7	9.0	8.7	8.3	8.7	7.0	8.2
PSU-CBG3	8.3	7.3	8.0	4.7	6.7	8.7	8.0	7.0	8.7	6.7	7.6
PSU-CBG1	8.3	7.7	8.3	5.3	6.7	8.0	6.7	7.7	8.3	7.0	7.4
OAKLEY (PPG-AP-MTV1)	6.0	7.7	7.7	6.0	7.0	8.3	7.3	7.3	8.0	6.0	7.3
PIPER (PPG-AP-MTV2)	7.0	7.0	7.7	6.0	7.0	8.0	7.3	7.7	7.7	6.0	7.3
PSU-CBG2	7.7	6.7	8.3	4.3	6.7	8.3	7.3	7.3	8.0	6.3	7.3
PVF-PV-1	6.3	7.3	7.7	5.0	6.7	7.3	7.7	7.3	8.7	6.0	7.3
PVF-PV-2	7.0	7.0	8.0	5.3	6.7	7.3	7.7	7.0	7.3	6.0	7.0
SPECTRUM (LNS 19)	6.0	6.7	7.0	5.7	6.0	7.3	8.0	6.7	8.3	5.0	6.9
DLFPS-AP-3084	6.3	7.3	7.3	5.3	6.7	6.7	6.3	6.3	7.3	6.0	6.6
007XL	6.3	6.7	6.7	4.7	5.0	7.0	6.7	6.7	7.3	6.3	6.5
L-93 XD	7.0	6.7	7.0	4.7	5.3	6.0	6.3	6.3	7.0	5.0	6.0
S1	7.0	7.0	6.3	5.0	5.7	7.3	5.3	6.0	6.7	5.0	6.0
PST-0DSF	9.0	6.0	7.7	3.0	6.3	6.0	6.3	5.7	7.0	4.3	5.9
PIRANHA	7.3	5.7	6.3	4.7	5.7	6.3	5.3	5.7	6.0	5.0	5.7
BARRACUDA	7.0	6.3	6.7	4.0	5.7	5.0	5.0	5.3	5.7	4.0	5.1
CY-4	5.3	5.7	6.0	4.0	4.3	4.0	5.3	4.7	5.3	4.3	4.7
PENN A-1	8.0	5.3	6.0	3.0	4.0	4.3	4.7	4.7	5.7	3.7	4.5
DECLARATION	7.0	5.3	5.3	3.3	3.3	3.3	4.0	4.3	4.7	3.0	3.8
PENNCROSS	6.7	5.0	3.7	2.0	2.7	2.7	3.7	3.0	2.3	2.3	2.8
LSD VALUE	0.9	1.2	1.0	0.9	1.3	1.2	1.1	1.1	1.2	0.8	0.7
C.V. (%)	7.8	10.8	8.9	13.2	13.8	11.9	11.3	11.8	11.5	10.6	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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST AT BLACKSBURG, VA 1/  
2023 DATA

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

NAME	GENETIC COLOR	SPRING DENSITY	WINTER COLOR	BROWN PATCH WEAR TOLERANCE	SILVER	DOLLAR JULY	SPOT RATINGS			QUALITY RATINGS					MEAN
					THREAD MOSS		SEPTEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	
PST-0HR	7.0	7.3	3.7	6.3	7.7	7.3	7.7	6.7	7.0	7.0	6.7	8.0	7.7	7.7	7.2
PSU-CBG1	6.7	7.3	3.0	8.0	6.7	8.0	7.3	5.3	7.0	6.7	7.0	8.0	7.7	6.7	6.9
PVF-PV-2	6.3	7.0	4.7	8.0	7.3	8.7	8.7	6.3	6.7	6.7	6.3	8.0	7.0	7.3	6.9
PVF-PV-1	6.3	6.7	4.0	8.7	7.3	8.3	9.0	6.0	5.3	6.3	6.7	7.7	7.7	7.3	6.7
SPECTRUM (LNS 19)	6.3	6.7	3.7	8.0	8.0	8.3	9.0	6.3	6.3	6.7	6.0	7.0	7.0	7.3	6.7
007XL	5.7	7.3	5.0	7.7	8.0	9.0	9.0	5.7	6.3	7.0	5.7	7.0	7.0	7.3	6.6
DLFPS-AP-3084	5.7	7.0	3.0	7.3	7.7	8.7	9.0	6.3	7.0	6.7	5.7	7.0	6.7	7.0	6.6
OAKLEY (PPG-AP-MTV1)	5.7	6.7	5.0	6.7	6.3	7.7	8.7	6.3	6.3	7.0	5.3	6.7	7.0	6.7	6.5
S1	6.3	6.7	4.7	5.0	8.0	9.0	9.0	5.7	6.3	7.0	6.0	6.3	7.0	7.0	6.5
PIPER (PPG-AP-MTV2)	6.0	7.0	3.3	6.0	8.0	8.7	8.7	6.3	7.0	6.7	5.3	6.3	6.3	7.0	6.4
PIRANHA	7.0	6.0	3.3	7.3	7.3	9.0	9.0	5.3	6.0	6.3	6.0	7.0	7.3	7.0	6.4
PST-0DSF	7.7	6.0	2.7	6.3	7.0	9.0	9.0	6.0	6.3	6.0	6.0	6.7	7.3	6.7	6.4
PSU-CBG2	6.3	6.3	3.0	8.0	7.3	7.3	8.3	4.7	7.0	5.7	5.7	7.3	7.3	7.0	6.4
PSU-CBG3	6.7	6.3	3.3	7.0	7.3	7.7	7.3	5.3	6.3	6.0	5.3	7.7	7.0	7.0	6.4
BARRACUDA	6.3	6.7	4.0	6.7	8.0	8.7	9.0	5.0	6.7	6.3	5.7	7.0	7.0	6.7	6.3
L-93 XD	6.0	6.0	4.0	5.3	7.3	8.0	9.0	6.0	6.0	6.3	6.0	6.7	6.7	6.7	6.3
CY-4	4.7	5.7	4.3	7.0	7.0	8.0	9.0	5.7	6.3	5.3	5.3	6.3	6.7	6.7	6.0
PENN A-1	7.3	5.7	3.3	5.3	8.0	8.3	8.3	6.3	6.3	5.3	5.0	6.3	5.7	6.7	6.0
DECLARATION	7.7	5.0	4.7	4.7	7.0	8.0	9.0	5.3	5.3	5.0	5.7	5.3	5.7	6.3	5.5
PENNCROSS	6.7	4.3	3.0	7.3	5.7	7.7	8.7	4.0	4.3	3.7	4.0	4.0	4.0	4.3	4.0
LSD VALUE	0.9	1.5	1.7	3.1	3.2	3.4	1.9	1.3	1.2	1.4	1.4	1.4	1.1	0.8	0.7
C.V. (%)	8.6	12.6	22.3	20.7	14.6	13.0	9.1	12.1	10.3	12.6	12.4	11.9	9.9	6.9	7.2

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

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

TABLE 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE  
2020 NATIONAL BENTGRASS (GREENS) TEST AT MADISON, WI 1/  
2023 DATA

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

NAME	GENETIC	SPRING	SPRING	SUMMER	FALL	COLOR	QUALITY RATINGS							MEAN	
	COLOR	GREENUP	DENSITY	DENSITY	DENSITY	NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
PST-OHR	7.7	5.0	7.0	9.0	7.7	6.3	5.7	6.7	8.3	8.3	8.3	9.0	6.3	7.0	7.5
DLFPS-AP-3084	7.7	4.7	6.0	7.7	7.0	6.7	5.7	5.7	7.7	7.7	8.7	8.0	6.0	7.3	7.1
PSU-CBG2	7.7	4.7	6.0	8.7	8.0	6.0	5.3	6.0	8.0	8.0	8.3	8.3	6.0	7.0	7.1
OAKLEY (PPG-AP-MTV1)	7.3	4.3	5.7	8.0	7.3	6.3	5.0	6.0	7.3	7.3	8.3	8.0	6.7	7.7	7.0
PIRANHA	7.0	5.0	6.0	8.0	7.0	6.7	6.0	6.0	7.7	7.0	8.0	8.3	6.0	7.0	7.0
PSU-CBG3	7.3	4.7	7.0	8.3	7.7	6.0	5.3	5.7	7.3	7.7	7.7	8.7	6.0	7.3	7.0
PSU-CBG1	7.0	4.0	6.3	8.7	8.0	5.0	4.7	5.7	7.7	8.0	7.7	8.0	6.0	7.3	6.9
PVF-PV-1	7.0	5.0	6.0	8.0	7.0	6.3	5.3	5.7	7.3	7.3	8.0	7.7	6.3	7.3	6.9
PVF-PV-2	6.7	4.7	5.7	8.0	7.0	6.3	5.7	5.7	7.3	7.0	8.0	8.0	6.3	7.3	6.9
L-93 XD	7.0	4.7	6.0	7.7	6.7	6.0	5.3	5.3	7.7	7.0	7.7	8.0	6.0	7.3	6.8
PIPER (PPG-AP-MTV2)	6.3	4.7	6.0	8.0	7.0	6.7	5.7	6.0	7.7	7.0	7.7	8.3	6.0	6.3	6.8
S1	7.0	4.0	6.0	8.0	7.0	6.3	5.0	5.7	7.7	7.0	8.3	8.0	6.0	7.0	6.8
007XL	6.3	4.3	6.0	8.0	7.0	5.3	5.0	5.7	7.7	7.3	7.3	8.0	6.0	6.7	6.7
CY-4	6.7	5.0	6.0	7.7	7.0	6.7	5.7	5.3	7.3	7.0	7.3	8.0	6.0	7.0	6.7
SPECTRUM (LNS 19)	7.0	5.0	6.3	7.7	7.3	6.0	5.0	5.7	7.0	7.0	8.0	8.0	6.0	6.7	6.7
BARRACUDA	6.7	4.0	5.7	7.0	7.0	6.0	4.7	5.3	6.7	6.7	7.0	7.3	6.0	7.0	6.3
DECLARATION	7.0	4.7	5.7	7.3	7.0	5.7	5.0	4.7	6.0	6.7	7.3	7.3	6.0	7.0	6.3
PST-0DSF	7.7	3.3	5.7	8.0	6.7	4.0	4.3	4.7	7.3	6.7	7.3	7.7	6.0	6.7	6.3
PENN A-1	7.3	3.0	5.0	7.3	6.0	4.0	4.0	4.3	6.0	6.7	7.7	7.3	5.7	6.7	6.0
PENNCROSS	6.0	4.3	4.3	6.0	6.0	4.7	4.0	4.3	4.7	5.3	5.3	6.7	5.3	6.0	5.2
LSD VALUE	1.3	1.0	0.8	1.0	0.9	1.1	0.8	1.0	1.1	0.9	1.3	1.0	0.6	1.4	0.6
C.V. (%)	8.5	12.2	8.3	7.1	7.1	11.2	9.3	10.2	9.1	7.3	9.0	6.6	5.0	8.0	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.