

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT NEWARK, DE 1/
2024 DATA

NAME	SPRING GREENUP	SUMMER PATCH	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/								MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
NAI-19-58	6.0	5.7	5.0	6.3	6.7	6.3	5.7	4.7	3.3	5.0	5.4
DLF-KB-3640	6.3	5.3	5.0	6.0	6.3	6.0	5.3	4.3	4.0	5.0	5.3
KENBLUE	6.7	6.0	5.0	5.3	6.0	6.3	5.3	4.3	4.0	5.7	5.3
PVF-A17-842	6.7	6.3	5.3	5.3	6.3	5.7	4.7	4.7	4.0	6.0	5.3
ARIES	7.0	5.3	5.0	5.7	6.7	5.3	4.7	5.0	3.7	5.3	5.2
J-2797	6.3	5.3	5.0	5.3	7.0	5.7	4.3	4.0	4.0	5.7	5.1
LIGHTNING	6.0	6.0	4.7	5.7	5.3	5.7	5.7	4.7	3.3	5.7	5.1
PST-K22-11	6.3	4.7	5.0	5.0	5.7	5.7	4.7	5.0	4.7	5.0	5.1
DLF-KB-3634	6.0	5.7	4.7	5.0	6.0	5.7	4.3	4.7	4.0	6.0	5.0
DLF-KB-3639	5.0	6.7	4.3	5.0	5.0	5.7	5.0	4.7	4.7	5.7	5.0
JERSEY	6.7	5.3	5.0	5.3	5.7	5.3	5.0	4.3	4.0	5.7	5.0
A12-266	6.3	5.0	5.0	5.3	6.0	5.7	4.3	4.0	4.3	5.3	5.0
A15-16	6.3	5.0	4.7	5.3	6.3	5.7	4.7	4.3	4.0	5.3	5.0
GO-Y301	6.0	6.0	4.7	5.7	6.0	5.7	5.0	4.3	3.7	5.0	5.0
NAI-21-136	6.3	5.7	5.0	5.3	5.7	5.7	5.0	4.3	3.3	5.3	5.0
PST-K19-208	6.7	6.0	5.0	5.0	6.7	5.0	4.7	4.3	3.3	5.7	5.0
PST-T15-44	6.3	5.3	5.0	5.0	6.3	4.7	4.7	4.7	4.3	5.3	5.0
RESOLUTION	6.7	5.7	4.3	5.3	5.7	5.0	5.3	4.7	4.0	5.7	5.0
SKYLINE	6.3	5.3	4.7	5.7	5.3	6.0	5.0	4.7	3.7	5.3	5.0
DLF-KB-3633	5.7	6.0	4.3	5.7	5.7	6.3	4.3	4.0	3.7	5.3	4.9
A21-6	5.7	6.7	4.7	5.3	5.3	5.7	4.7	4.3	3.7	5.3	4.9
ACOUSTIC	5.7	5.7	4.3	5.3	6.3	5.0	4.3	4.7	3.7	5.3	4.9
NAI-20-137	6.3	6.3	4.7	5.7	5.7	5.3	4.7	4.3	3.3	5.3	4.9
PST-K19-201	6.7	5.0	4.7	5.7	6.0	5.3	4.7	4.0	4.0	5.0	4.9
PST-K20-3	7.0	5.0	5.0	5.3	5.7	5.3	4.0	4.7	3.7	5.7	4.9
DLF-KB-3637	6.7	4.7	4.7	5.3	5.7	5.3	4.3	3.7	3.7	5.7	4.8
DLF-KB-3638	6.7	5.0	4.7	5.3	5.7	5.3	4.7	4.0	3.3	5.3	4.8
A12-293	5.7	4.7	4.7	5.3	5.7	5.0	4.7	4.0	4.0	5.0	4.8
A15-14	6.3	4.3	4.3	5.0	6.0	5.7	4.7	4.3	3.0	5.0	4.8
A15-17	6.7	5.0	4.3	5.0	5.3	5.3	4.7	4.0	4.3	5.3	4.8
A19-17	5.7	5.0	4.3	5.0	5.7	5.7	4.7	3.7	3.7	6.0	4.8

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
(CONT'D) 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT NEWARK, DE 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/											
NAME	SPRING GREENUP	SUMMER PATCH	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
A21-11	6.3	5.7	4.7	5.0	6.0	5.0	4.7	5.0	3.3	5.0	4.8
A21-3	6.3	5.0	5.0	5.0	5.3	5.3	4.7	4.3	3.7	5.0	4.8
BOMBAY	5.3	5.3	4.7	5.0	5.7	5.0	4.3	4.3	4.0	5.7	4.8
GO-Y312	6.0	6.3	4.7	5.3	5.3	5.3	4.0	4.3	4.0	5.0	4.8
NAI-21-127	6.3	5.0	4.7	5.0	5.0	5.3	4.0	4.7	3.3	6.0	4.8
PROSPERITY	6.7	4.7	4.7	5.0	5.7	5.7	4.3	4.3	3.3	5.7	4.8
PSM-231	6.0	5.3	4.3	5.3	5.0	5.7	4.0	4.3	4.0	5.3	4.8
PST-K19-206	6.3	4.7	4.7	5.0	5.3	5.3	4.3	4.0	4.0	5.3	4.8
RAD 3240	6.0	6.3	5.0	5.0	5.7	5.7	4.7	3.7	3.3	5.7	4.8
RIGHT	6.3	5.7	4.3	5.0	5.3	5.0	4.7	4.7	3.7	5.7	4.8
STARR	5.7	4.7	4.3	5.3	5.3	5.0	5.0	4.3	4.0	5.0	4.8
DLF-KB-3636	5.7	5.3	5.0	5.3	5.7	4.7	4.0	4.0	4.0	5.0	4.7
BARSERATI	6.0	4.7	5.0	4.7	5.7	4.3	4.3	4.0	3.3	6.0	4.7
J-1331	6.0	3.3	5.0	4.7	6.0	5.3	4.0	3.7	3.7	5.3	4.7
PST-K17-182	6.0	5.3	4.7	5.0	6.0	4.7	4.3	4.3	3.3	5.3	4.7
PST-K20-1	6.0	5.7	4.3	5.0	5.3	5.0	4.3	4.7	4.0	5.0	4.7
LTP-A21-41	5.7	6.0	4.3	5.0	5.7	4.3	4.3	4.3	3.7	5.3	4.6
J-1249	6.0	4.7	4.3	4.3	5.7	4.7	4.0	4.0	3.3	5.3	4.5
J-2830	5.7	5.0	4.0	4.3	5.3	5.0	4.0	4.0	3.7	5.7	4.5
SHAMROCK	6.0	6.3	4.3	5.0	4.7	5.0	5.0	3.7	3.3	5.0	4.5
MIDNIGHT	6.0	4.7	4.3	4.3	5.0	4.7	4.0	4.0	3.7	5.0	4.4
PPG-KB2108	6.0	5.7	4.0	4.7	5.0	4.7	3.7	4.3	3.7	5.0	4.4
DLF-KB-3635	6.0	4.0	4.7	3.7	5.3	4.0	3.0	4.3	3.7	5.3	4.3
BARON	5.7	4.3	4.3	4.0	5.3	4.7	4.0	3.3	3.3	5.0	4.3
PPG-KB2107	5.3	5.7	3.7	4.0	5.3	4.3	3.3	3.7	3.7	5.0	4.1
C.V. (%)	11.8	18.3	14.0	16.7	14.5	13.8	17.4	16.4	16.0	9.0	8.4
LSD VALUE	2.7	2.6	3.0	3.4	3.1	1.9	2.4	3.0	2.1	1.4	1.3

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

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

TABLE 2.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT AMES (SHADE), IA 1/
2024 DATA

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

NAME	GENETIC	LEAF	SEEDLING	SPRING	SUMMER	FALL	QUALITY RATINGS								MEAN
	COLOR	TEXTURE	VIGOR	DENSITY	DENSITY	DENSITY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
DLF-KB-3635	5.0	6.3	3.3	4.7	5.3	5.0	6.7	9.0	9.0	9.0	8.7	7.3	8.0	8.0	8.2
BARSERATI	5.0	7.3	3.3	4.7	4.7	4.7	5.7	8.3	7.7	8.3	8.0	6.3	7.7	7.3	7.4
A15-14	5.7	6.7	2.3	4.7	5.0	4.3	5.7	8.0	7.7	7.7	8.0	8.0	7.3	5.0	7.2
PVF-A17-842	5.0	6.7	5.0	4.3	4.7	4.7	6.0	9.0	7.0	7.7	7.7	6.3	7.3	6.7	7.2
LTP-A21-41	5.0	6.3	3.3	4.3	4.3	5.0	6.0	9.0	8.7	7.0	7.0	5.3	7.0	6.7	7.1
DLF-KB-3634	5.3	6.0	2.0	4.3	4.7	4.3	4.7	7.3	8.0	8.0	7.0	7.0	6.3	6.0	6.8
BARON	5.3	7.0	2.7	5.0	5.0	4.3	5.3	7.7	7.3	7.0	7.0	8.0	7.0	5.0	6.8
NAI-20-137	5.7	6.7	2.3	4.7	4.7	4.7	5.7	7.7	8.3	8.7	6.7	6.0	5.3	5.7	6.8
DLF-KB-3640	5.0	6.7	3.3	4.7	4.3	4.7	6.0	8.3	8.3	6.3	7.0	5.0	6.7	6.0	6.7
A15-16	5.3	6.7	3.3	4.0	4.0	4.3	5.3	8.0	8.3	6.7	6.7	6.3	6.0	6.0	6.7
J-2830	6.0	6.3	3.7	4.7	5.7	4.3	6.0	7.7	7.0	7.0	7.7	7.7	5.7	5.0	6.7
PST-K22-11	5.7	7.0	2.7	4.3	4.7	4.3	6.0	8.7	7.3	7.0	7.7	5.7	5.3	5.7	6.7
ARIES	5.7	7.0	2.7	4.7	4.7	4.3	5.7	8.0	7.7	8.0	6.3	5.3	6.3	5.7	6.6
J-1249	5.7	6.0	2.0	4.7	4.7	4.3	5.0	7.3	6.3	7.3	7.7	7.0	6.3	5.0	6.5
PST-K19-206	5.7	6.0	1.7	4.7	5.0	4.3	5.3	7.3	8.3	8.0	6.3	6.0	5.7	4.7	6.5
RAD 3240	6.0	6.7	2.7	4.3	5.3	4.0	5.3	7.7	7.7	8.0	7.7	6.0	5.3	4.0	6.5
DLF-KB-3633	6.0	6.7	3.3	4.7	4.0	3.7	6.0	8.0	8.3	7.7	6.3	5.3	4.7	5.0	6.4
A21-11	6.0	6.3	2.0	4.3	4.3	4.0	5.7	7.3	8.0	8.3	6.0	5.0	5.7	5.3	6.4
RESOLUTION	6.0	6.7	1.7	5.0	4.3	4.0	6.7	8.0	7.7	7.0	6.0	5.3	5.0	5.3	6.4
BOMBAY	5.3	6.7	3.7	4.3	4.3	4.3	6.0	7.7	7.7	6.7	5.7	4.7	6.0	5.7	6.3
SKYLINE	5.0	7.0	2.3	4.7	5.0	4.7	6.0	8.3	7.3	6.0	6.3	5.0	6.3	5.3	6.3
A12-266	5.7	6.3	4.0	4.3	5.0	4.0	5.0	7.7	7.0	6.3	6.7	6.0	6.0	5.0	6.2
PST-K20-1	5.7	5.3	1.7	4.3	4.3	4.0	5.7	6.3	7.0	7.7	6.3	5.7	5.7	5.0	6.2
DLF-KB-3638	5.7	6.0	2.0	4.3	4.3	4.0	4.7	7.0	7.0	8.0	6.7	5.3	5.0	5.0	6.1
A12-293	5.3	6.3	3.7	4.0	4.0	4.0	5.7	8.0	7.3	7.0	6.7	4.0	5.7	4.7	6.1
J-2797	6.0	6.0	2.3	4.3	4.7	4.0	4.7	7.3	7.7	8.0	6.3	5.3	4.7	5.0	6.1
PROSPERITY	5.7	6.7	1.7	4.7	4.3	4.0	5.7	7.3	8.0	7.7	6.0	4.0	5.3	5.0	6.1
STARR	5.7	6.0	2.0	4.7	4.7	3.7	6.7	7.0	7.3	6.3	5.3	5.0	6.0	5.3	6.1
DLF-KB-3639	5.3	6.7	3.0	4.7	4.7	4.0	6.7	8.0	7.0	6.3	6.0	4.3	5.0	4.3	6.0
JERSEY	6.3	6.3	3.7	4.3	5.0	4.3	5.7	6.0	7.0	6.7	7.0	5.3	4.7	5.7	6.0
SHAMROCK	5.7	6.3	3.0	4.7	4.0	4.3	6.7	8.3	8.0	6.3	5.7	3.7	5.0	4.7	6.0

TABLE 2.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT AMES (SHADE), IA 1/
2024 DATA

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

NAME	GENETIC	LEAF	SEEDLING	SPRING	SUMMER	FALL	QUALITY RATINGS								
	COLOR	TEXTURE	VIGOR	DENSITY	DENSITY	DENSITY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DLF-KB-3636	6.7	5.7	2.7	4.7	4.3	4.3	6.7	7.3	7.0	6.0	6.0	4.7	5.0	4.3	5.9
ACOUSTIC	5.7	6.0	4.0	4.7	4.7	4.7	5.3	8.0	7.0	7.0	5.7	4.3	5.3	4.0	5.8
LIGHTNING	6.0	5.7	3.3	4.3	3.7	4.0	5.7	7.0	7.3	6.0	6.3	4.3	4.7	4.3	5.7
MIDNIGHT	6.7	6.3	2.7	4.7	4.3	4.3	5.7	7.7	6.3	5.3	5.7	4.7	5.3	4.0	5.6
A15-17	6.0	6.0	1.3	3.7	4.3	3.3	3.7	6.0	6.3	7.3	5.3	6.0	5.0	4.0	5.5
KENBLUE	5.0	6.7	2.7	4.7	4.0	4.3	6.7	8.7	5.3	3.7	4.7	4.0	5.3	5.0	5.4
PST-K19-208	6.0	6.7	2.0	4.3	4.3	4.0	5.0	7.0	7.0	5.7	4.7	5.0	4.3	4.3	5.4
PST-T15-44	6.0	5.7	2.7	4.3	4.3	4.3	5.7	7.7	6.7	4.7	5.0	4.7	4.7	4.3	5.4
DLF-KB-3637	7.0	5.7	1.0	3.7	4.3	4.0	4.7	7.0	8.0	5.7	5.3	3.7	4.0	4.3	5.3
J-1331	7.0	6.0	3.3	4.7	4.3	4.0	5.7	7.7	7.3	6.0	5.3	3.7	3.7	2.7	5.3
PST-K20-3	6.3	5.7	1.7	4.3	4.3	4.0	4.3	6.0	6.7	5.3	5.3	5.3	4.7	4.0	5.2
NAI-21-136	5.7	5.7	2.0	4.0	3.7	4.0	5.3	7.0	5.7	6.0	4.7	4.0	4.7	3.3	5.1
GO-Y301	6.3	5.7	2.3	4.3	4.0	3.7	5.7	7.0	6.3	5.3	4.7	3.0	4.3	4.0	5.0
PST-K19-201	6.0	5.7	2.0	4.0	3.7	4.0	5.7	6.7	7.0	7.0	3.7	2.7	3.3	3.0	4.9
GO-Y312	7.0	6.0	2.3	4.7	4.0	3.7	6.0	7.3	6.3	5.0	4.0	3.0	3.7	2.7	4.8
PST-K17-182	6.7	6.0	2.7	4.3	4.3	3.7	6.0	6.0	5.7	5.3	4.0	4.3	4.0	3.3	4.8
NAI-19-58	6.7	6.3	2.0	4.3	3.7	4.0	4.7	7.7	5.3	6.0	4.0	3.3	3.7	3.0	4.7
A21-3	6.3	5.0	2.0	3.7	4.0	3.3	4.0	5.0	4.7	6.0	5.0	4.7	4.0	3.7	4.6
A21-6	6.7	5.7	2.3	4.3	4.0	3.3	3.7	6.0	5.7	5.0	4.3	3.3	3.3	3.0	4.3
PPG-KB2107	7.0	5.3	1.7	4.3	4.0	4.0	3.7	6.0	5.7	5.3	4.3	2.7	3.3	3.0	4.3
RIGHT	6.0	5.7	1.7	4.7	4.3	4.0	4.7	5.7	5.7	5.3	3.7	3.0	4.0	2.7	4.3
PPG-KB2108	6.7	5.7	3.0	4.3	3.7	4.0	3.3	6.3	4.7	4.7	3.3	3.3	4.3	3.0	4.1
PSM-231	6.7	5.3	2.7	3.3	4.0	3.3	4.0	5.0	6.0	5.3	2.7	2.7	3.3	3.0	4.0
A19-17	7.3	6.0	4.0	3.7	3.7	4.0	4.7	6.0	4.7	4.7	3.0	2.3	2.7	3.0	3.9
NAI-21-127	7.0	6.0	4.0	4.3	4.3	4.0	5.7	6.7	5.7	3.3	2.3	2.0	2.3	2.0	3.8
LSD VALUE	2.5	1.2	4.4	2.3	1.2	1.6	3.9	3.3	5.4	4.6	2.3	1.8	2.3	2.5	2.0
C.V. (%)	5.4	9.7	50.0	13.6	12.9	13.5	23.8	18.2	24.0	27.2	23.3	23.0	25.1	29.1	18.4

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 2.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT AMES (SHADE), IA 1/
2024 DATA

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

NAME	COLOR OCTOBER	COLOR NOVEMBER	PERCENT GROUND COVER FROM APRIL-NOVEMBER	PERCENT GROUND COVER FROM APRIL-NOVEMBER	PERCENT GROUND COVER FROM APRIL-NOVEMBER	PERCENT GROUND COVER FROM APRIL-NOVEMBER	PERCENT GROUND COVER FROM APRIL-NOVEMBER	PERCENT GROUND COVER FROM APRIL-NOVEMBER	QUALITY OCT 2023	QUALITY NOV 2023	PERCENT ESTABLISHMENT OCTOBER	PERCENT ESTABLISHMENT NOVEMBER
			APRIL	MAY	JULY	AUGUST	OCTOBER	NOVEMBER				
DLF-KB-3635	3.7	4.0	52.7	95.3	95.7	90.3	74.0	63.7	4.7	5.3	59.7	82.0
BARSERATI	4.3	4.3	46.7	88.7	90.3	82.0	73.0	61.0	4.7	5.0	37.0	63.7
A15-14	4.0	4.3	47.3	85.0	83.0	83.7	66.7	38.0	4.0	5.0	43.3	65.7
PVF-A17-842	4.0	4.0	48.3	97.7	86.3	77.0	66.0	52.0	5.0	5.0	44.7	67.3
LTP-A21-41	3.7	4.0	48.3	96.7	72.7	73.0	63.3	53.0	4.3	5.0	49.0	72.7
DLF-KB-3634	4.7	4.3	36.0	78.7	84.3	71.7	60.7	49.0	4.3	4.7	34.0	53.0
BARON	4.0	4.0	41.0	81.0	78.0	69.7	64.7	37.0	4.0	5.0	41.3	67.0
NAI-20-137	4.3	4.7	46.7	82.0	94.0	68.0	47.7	44.7	4.0	4.3	28.3	42.0
DLF-KB-3640	4.0	4.3	48.0	91.7	67.3	69.3	60.3	48.0	4.3	5.0	45.0	67.7
A15-16	4.7	5.0	44.0	85.3	71.0	68.3	54.3	43.0	5.0	5.3	40.3	53.7
J-2830	4.0	4.3	44.0	81.7	73.3	75.3	50.7	38.0	4.3	5.0	35.7	61.3
PST-K22-11	4.3	4.0	48.7	91.7	76.0	82.3	46.7	43.7	4.0	4.3	36.0	56.7
ARIES	4.0	4.3	46.0	90.0	85.7	61.0	57.3	44.7	4.3	5.0	42.3	60.0
J-1249	4.0	4.3	39.0	75.3	81.3	83.7	56.7	37.7	4.7	4.7	51.0	60.3
PST-K19-206	4.3	4.3	45.0	80.7	83.3	65.0	48.3	35.7	4.0	4.3	29.7	48.3
RAD 3240	4.7	4.7	45.0	78.3	91.0	76.7	46.3	28.0	4.7	4.3	34.0	53.0
DLF-KB-3633	4.3	4.0	50.0	86.0	85.3	64.3	39.3	34.3	4.3	4.7	35.3	59.3
A21-11	4.7	4.7	45.7	75.7	87.0	57.3	51.3	41.0	4.3	4.3	28.7	51.3
RESOLUTION	5.0	4.3	55.3	85.3	76.7	59.0	42.3	39.0	4.0	4.0	22.0	41.3
BOMBAY	3.0	4.7	50.3	84.0	71.0	57.7	54.0	43.3	4.0	4.7	27.7	43.7
SKYLINE	4.3	4.0	50.3	88.0	60.3	63.7	56.0	38.7	4.0	4.7	29.7	52.0
A12-266	4.0	4.0	37.3	84.7	65.7	67.7	52.7	36.7	5.0	5.0	55.0	68.7
PST-K20-1	5.0	5.0	45.7	65.0	82.0	65.3	49.3	36.7	4.3	4.7	30.3	38.3
DLF-KB-3638	5.7	6.3	37.0	77.3	83.7	67.0	44.0	34.7	4.7	5.0	13.3	21.0
A12-293	4.0	4.0	45.3	86.3	74.0	67.7	49.0	36.0	4.7	4.3	38.7	60.7
J-2797	4.0	4.3	38.0	77.7	86.3	64.0	39.7	35.7	4.3	5.0	41.3	64.3
PROSPERITY	5.3	5.0	46.3	79.0	81.3	60.3	48.7	38.0	4.3	4.3	32.0	45.7
STARR	4.3	4.7	52.3	76.0	65.7	51.3	54.0	39.3	4.3	4.0	26.7	40.0
DLF-KB-3639	3.3	4.3	55.0	86.0	66.0	62.3	41.3	31.0	4.0	4.3	24.7	51.0
JERSEY	4.7	4.7	46.0	64.3	69.3	70.7	42.0	42.0	4.3	4.3	26.3	42.3

TABLE 2.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT AMES (SHADE), IA 1/
2024 DATA

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

NAME	COLOR OCTOBER	COLOR NOVEMBER	APRIL	PERCENT GROUND COVER MAY	PERCENT GROUND COVER JULY	FROM APRIL-NOVEMBER AUGUST	FROM APRIL-NOVEMBER OCTOBER	FROM APRIL-NOVEMBER NOVEMBER	QUALITY OCT 2023	QUALITY NOV 2023	PERCENT ESTABLISHMENT OCTOBER	PERCENT ESTABLISHMENT NOVEMBER
SHAMROCK	4.7	4.3	57.0	91.0	67.0	55.7	42.0	33.3	4.3	4.3	31.0	52.3
DLF-KB-3636	5.0	5.3	53.7	79.0	63.7	58.3	41.7	29.3	4.3	4.7	25.3	43.3
ACOUSTIC	4.3	4.3	44.0	84.7	78.3	58.3	49.0	30.0	4.3	5.0	39.0	51.3
LIGHTNING	5.3	5.0	45.3	74.0	64.0	63.7	39.7	31.3	4.7	4.0	26.3	35.0
MIDNIGHT	3.0	5.3	42.7	85.0	54.0	51.0	44.3	28.7	4.7	5.3	41.0	51.0
A15-17	5.3	6.0	27.0	57.7	77.3	54.0	43.0	27.7	4.3	4.3	16.7	27.3
KENBLUE	4.0	4.3	54.3	93.7	33.0	42.7	47.0	36.3	4.3	4.3	37.7	51.3
PST-K19-208	5.0	4.7	36.3	75.3	57.7	45.3	36.7	33.7	4.3	4.3	24.7	36.0
PST-T15-44	4.3	4.7	44.3	82.0	47.3	45.0	40.0	29.3	4.0	4.3	34.7	48.7
DLF-KB-3637	7.0	5.0	34.3	77.7	62.3	51.3	32.0	27.0	4.0	4.0	9.3	22.7
J-1331	4.3	4.0	48.3	77.0	61.0	50.7	26.7	16.0	4.3	5.0	31.7	61.0
PST-K20-3	5.3	5.3	31.7	64.7	56.0	50.3	39.3	30.0	4.3	4.0	17.3	28.3
NAI-21-136	3.7	5.7	42.7	71.3	61.3	40.3	42.0	23.0	4.0	4.3	18.0	32.7
GO-Y301	4.3	4.3	45.7	74.3	56.3	44.0	38.0	26.0	4.0	4.3	23.3	44.3
PST-K19-201	5.7	5.7	44.3	69.0	75.3	32.3	24.7	18.7	4.7	4.7	21.7	31.7
GO-Y312	4.3	4.7	50.7	77.3	50.3	36.3	27.3	17.3	4.0	4.0	15.0	35.7
PST-K17-182	5.3	5.3	46.7	63.0	57.0	38.3	30.7	22.0	4.3	4.3	26.0	37.3
NAI-19-58	4.7	6.0	36.3	82.3	59.0	33.0	29.3	18.7	4.0	4.3	20.0	23.3
A21-3	5.0	6.0	29.0	48.7	60.7	47.3	33.0	23.0	4.0	4.7	10.0	25.3
A21-6	6.3	7.0	28.0	59.7	47.3	41.0	23.7	17.7	4.3	5.0	17.0	21.3
PPG-KB2107	5.0	5.3	26.0	63.0	55.7	40.7	23.7	17.7	4.3	4.7	26.0	37.3
RIGHT	5.3	6.0	36.7	58.0	54.0	35.3	34.7	19.0	4.3	5.0	16.3	24.0
PPG-KB2108	5.3	5.0	23.7	64.0	41.0	30.0	35.7	20.3	4.7	4.3	23.3	36.7
PSM-231	6.7	7.3	27.7	49.7	55.3	21.0	29.3	18.3	5.0	4.3	10.3	13.3
A19-17	5.7	6.3	33.0	64.7	41.0	28.0	20.0	18.3	4.7	4.7	18.0	22.0
NAI-21-127	6.3	6.0	43.7	68.7	31.3	18.0	14.0	9.3	5.0	4.3	11.3	25.0
LSD VALUE	3.2	2.3	36.1	41.1	52.2	26.4	25.3	22.2	2.9	1.9	22.9	29.5
C.V. (%)	25.9	21.3	28.4	20.7	30.9	27.2	31.3	36.5	14.3	12.9	41.6	35.6

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 KENTUCKY BLUEGRASS CULTIVARS IN THE 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT WEST LAFAYETTE, IN 1/ 2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/																			
NAME	GENETIC	SPRING	LEAF	SEEDLING	SPRING	SUMMER	FALL	STEM RUST		POA	QUALITY RATINGS								
	COLOR	GREENUP	TEXTURE	VIGOR	DENSITY	DENSITY	DENSITY	JUNE	SEPT	ANNUA	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DLF-KB-3633	6.7	5.0	7.0	5.7	4.7	5.7	8.0	8.3	7.3	5.7	5.3	5.7	4.3	6.3	6.3	6.7	7.0	6.7	6.0
DLF-KB-3635	4.3	5.0	8.0	7.3	6.3	7.0	8.0	7.3	5.3	6.7	6.7	6.0	5.3	5.7	5.3	5.0	5.7	7.7	5.9
DLF-KB-3634	5.7	6.7	7.0	5.7	6.0	6.0	6.3	6.3	6.0	5.3	5.7	6.0	5.3	5.7	5.3	5.7	6.7	6.3	5.8
BARSERATI	5.7	3.7	7.3	6.3	5.0	5.7	7.0	7.7	6.7	6.0	5.0	5.7	4.3	5.0	5.7	6.3	7.0	6.7	5.7
PST-K17-182	7.3	4.7	6.7	6.0	5.0	5.0	6.7	7.3	6.7	4.7	4.7	5.7	5.0	5.3	5.7	6.3	6.7	6.0	5.7
STARR	6.7	4.7	7.0	4.3	4.3	6.0	7.0	7.0	7.3	4.7	4.0	4.7	4.3	6.3	6.0	6.3	6.7	7.0	5.7
DLF-KB-3636	6.3	5.3	6.3	6.3	5.0	4.7	6.7	8.7	6.0	5.3	5.3	5.7	4.7	5.7	5.7	5.7	6.0	6.0	5.6
DLF-KB-3640	4.7	4.3	6.7	3.0	4.7	5.7	7.0	6.7	5.3	5.3	4.3	5.3	4.7	5.3	6.0	5.7	5.7	7.0	5.5
A12-266	5.7	4.3	7.0	6.0	4.3	5.7	6.7	6.7	6.0	4.7	4.7	5.7	4.0	6.0	5.7	6.3	6.0	5.7	5.5
BOMBAY	6.7	5.0	7.0	2.7	4.7	6.0	7.0	5.0	6.0	4.7	4.7	5.0	4.7	5.7	5.7	5.7	6.0	6.7	5.5
NAI-20-137	6.0	5.7	6.7	4.7	5.7	5.3	7.0	7.3	6.3	4.7	4.7	5.7	4.3	5.0	4.7	6.3	6.7	6.3	5.5
PVF-A17-842	5.0	3.7	7.3	3.7	5.0	6.0	6.7	7.7	6.7	4.7	4.0	5.0	5.3	5.7	5.7	5.7	5.3	7.3	5.5
A12-293	6.3	5.3	6.3	3.7	5.3	5.3	6.3	8.0	5.7	6.0	5.3	5.0	5.0	4.7	4.7	5.3	6.0	7.0	5.4
A21-11	7.0	4.7	7.0	4.3	3.7	4.3	6.7	5.3	5.3	4.7	4.0	4.0	4.7	5.7	5.0	5.7	7.0	7.0	5.4
RAD 3240	8.0	5.3	7.0	5.0	3.7	5.7	6.3	8.7	6.7	4.3	3.7	5.7	4.3	6.0	6.0	5.7	6.7	5.0	5.4
DLF-KB-3639	6.0	5.3	7.0	6.3	5.7	5.3	6.7	7.7	5.3	6.0	5.3	5.0	5.0	5.7	6.0	4.7	5.3	5.7	5.3
A19-17	6.3	3.7	6.7	4.0	4.0	5.0	7.0	7.3	7.0	4.3	4.0	4.0	4.7	5.3	5.7	6.3	6.0	6.7	5.3
LIGHTNING	5.7	3.3	6.3	5.0	4.7	5.0	6.3	7.0	5.7	4.7	4.7	5.3	4.3	5.0	4.7	5.3	6.0	6.7	5.3
A15-16	6.3	4.7	6.3	4.3	4.0	4.3	7.3	6.7	6.3	4.7	4.0	4.0	5.7	4.7	4.7	6.0	6.7	6.0	5.2
DLF-KB-3637	6.7	5.0	7.0	1.3	3.7	5.0	7.0	7.7	7.0	3.0	3.3	3.7	4.0	4.7	5.0	6.7	6.0	6.3	5.0
JERSEY	6.0	5.0	7.0	4.3	3.7	4.7	7.0	7.0	6.7	3.7	3.0	4.3	4.7	4.7	4.7	6.7	6.3	6.0	5.0
ARIES	6.0	4.7	6.7	4.7	4.7	5.0	6.0	6.0	5.7	4.7	4.3	5.3	4.7	4.7	4.7	4.7	5.7	5.7	5.0
PST-K19-208	7.3	4.7	7.7	4.0	4.0	4.3	6.7	6.0	6.0	3.7	3.0	4.3	4.7	5.0	5.3	5.0	6.0	6.7	5.0
SKYLINE	4.7	4.3	7.3	2.3	4.3	5.3	6.0	7.7	5.7	4.0	3.7	5.0	5.0	5.3	5.3	4.7	4.7	6.0	5.0
NAI-19-58	7.0	3.3	7.0	3.7	4.3	5.0	6.3	7.7	6.0	3.3	3.0	4.7	4.0	5.0	5.3	5.7	6.0	5.7	4.9
PST-K19-206	6.7	5.3	7.0	3.3	5.0	6.3	6.3	7.7	7.0	4.0	4.0	4.7	4.3	5.7	5.3	4.7	5.0	5.3	4.9
PST-T15-44	5.7	6.0	7.0	5.7	6.3	5.0	6.0	5.3	4.3	5.0	6.0	5.0	5.0	4.3	4.7	4.3	4.7	5.3	4.9
A21-3	5.7	5.0	6.3	3.0	4.3	5.0	6.7	6.7	5.7	3.7	3.3	4.7	4.3	4.7	5.3	5.7	5.0	5.3	4.8
PST-K22-11	5.7	4.7	8.0	4.7	4.7	5.0	7.7	8.0	6.3	4.0	4.0	4.0	4.3	4.7	4.7	5.3	5.3	5.7	4.8
RESOLUTION	6.7	5.3	6.7	3.0	3.7	4.7	5.3	7.3	6.3	3.3	3.0	4.3	4.3	4.3	4.7	5.3	6.0	6.3	4.8

TABLE 3. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
(CONT'D) 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT WEST LAFAYETTE, IN 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/																			
NAME	GENETIC	SPRING	LEAF	SEEDLING	SPRING	SUMMER	FALL	STEM RUST	POA	QUALITY RATINGS									
	COLOR	GREENUP	TEXTURE	VIGOR	DENSITY	DENSITY	DENSITY	JUNE	SEPT	ANNUA	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
RIGHT	7.0	5.0	7.0	4.3	5.3	5.3	6.7	7.3	5.0	4.7	4.0	4.3	4.7	4.3	5.0	4.7	5.0	6.3	4.8
A21-6	6.0	5.3	6.0	3.3	4.3	5.0	4.7	7.0	5.0	4.0	4.3	5.0	4.3	5.3	5.0	4.7	4.7	4.0	4.7
DLF-KB-3638	5.3	4.7	6.3	3.7	4.0	5.3	6.3	6.7	4.7	3.7	3.3	4.0	4.0	4.7	5.3	5.0	5.0	5.7	4.6
LTP-A21-41	5.7	4.0	6.7	4.0	3.7	3.3	6.0	6.3	6.7	4.3	3.3	4.3	4.3	3.7	3.7	5.0	5.3	7.0	4.6
A15-14	6.7	4.0	6.0	4.7	3.7	4.7	4.7	5.3	5.0	5.0	4.0	3.7	4.3	5.0	4.7	5.0	5.0	4.7	4.5
A15-17	7.0	4.7	6.3	1.7	2.3	4.7	5.7	8.0	5.7	2.7	2.3	3.3	4.0	5.7	5.0	5.3	5.3	5.0	4.5
BARON	6.3	3.7	6.3	5.3	3.7	4.3	6.0	5.0	4.7	3.0	2.7	4.7	3.3	5.0	4.7	5.0	5.0	5.3	4.5
KENBLUE	4.7	4.7	7.7	5.7	5.3	6.7	5.7	7.0	4.3	5.7	4.0	4.3	5.0	4.0	4.0	4.0	4.7	6.0	4.5
MIDNIGHT	7.0	3.0	6.7	7.3	4.0	4.0	6.0	5.0	4.0	4.3	3.3	4.3	4.3	4.7	4.7	5.0	5.0	5.0	4.5
NAI-21-136	7.3	4.3	6.0	3.3	3.7	4.3	5.0	8.7	6.3	3.0	2.7	4.7	5.3	4.0	3.3	4.3	5.3	5.7	4.4
SHAMROCK	6.0	4.3	6.3	3.7	3.7	4.3	4.7	5.0	3.3	4.3	4.0	4.3	5.0	4.3	4.0	4.0	4.7	5.0	4.4
PPG-KB2108	7.7	3.7	6.3	4.3	4.0	3.7	5.7	6.3	5.3	4.0	4.0	4.3	4.0	4.0	4.0	4.3	5.0	4.7	4.3
PST-K19-201	7.3	3.3	6.7	3.7	4.3	5.3	4.7	7.3	4.3	3.7	3.7	4.7	5.7	4.0	3.3	3.3	5.3	4.7	4.3
PROSPERITY	8.0	5.0	7.0	5.3	4.3	4.0	5.3	5.0	3.7	3.7	3.7	4.7	4.3	4.3	4.3	4.0	4.0	4.0	4.2
J-2797	7.0	3.7	5.7	5.0	3.3	4.7	4.7	5.0	2.3	3.7	3.7	5.0	4.7	3.7	3.7	3.7	4.3	4.0	4.1
J-1249	7.3	3.3	6.7	5.3	3.3	3.7	4.7	3.7	5.3	3.0	2.7	3.3	4.3	4.0	4.3	4.3	4.0	4.7	4.0
J-1331	7.0	2.7	6.0	6.3	3.3	4.7	5.7	5.3	3.7	3.7	3.0	4.0	3.0	4.3	4.3	4.0	4.7	5.0	4.0
PST-K20-1	6.7	3.7	6.3	3.7	3.7	4.0	5.7	7.0	4.7	3.0	3.0	2.7	3.3	4.0	4.3	4.7	5.7	4.7	4.0
GO-Y312	5.7	4.7	5.0	2.7	4.0	4.3	4.3	7.3	3.0	3.7	3.3	3.3	4.7	4.0	3.7	3.3	4.3	4.3	3.9
GO-Y301	6.7	3.7	5.0	4.3	4.3	3.3	5.0	4.3	3.7	3.0	3.7	4.0	4.0	3.3	3.3	2.7	4.0	3.7	3.6
ACOUSTIC	6.7	2.7	6.0	4.7	2.7	2.7	4.3	4.3	3.7	3.0	3.0	3.0	3.7	2.7	3.7	3.7	4.3	4.3	3.5
PSM-231	6.7	3.0	5.0	3.3	2.7	3.3	3.3	7.7	5.0	2.3	2.7	3.3	3.7	3.3	3.0	2.7	4.0	4.7	3.4
J-2830	7.7	4.0	6.3	5.0	3.7	2.7	4.7	3.0	3.7	4.0	3.3	3.0	3.0	2.7	3.3	2.7	4.0	3.7	3.2
PPG-KB2107	7.3	2.3	5.0	4.3	3.3	3.3	2.3	7.0	3.7	2.0	2.3	3.0	4.3	2.7	3.0	2.3	3.7	3.7	3.1
PST-K20-3	8.0	3.7	6.7	2.0	2.7	3.3	2.3	8.0	5.0	1.3	2.0	2.7	4.0	3.3	3.0	3.0	3.3	3.7	3.1
NAI-21-127	7.7	3.3	6.3	2.3	3.0	3.3	2.3	4.7	4.0	2.0	2.0	2.7	5.0	2.7	2.3	2.3	3.0	2.7	2.8
LSD VALUE	0.9	1.7	0.9	1.5	1.9	2.1	1.6	1.8	1.6	1.6	1.5	1.4	5.1	1.5	1.6	1.4	1.2	1.2	0.9
C.V. (%)	9.3	21.8	8.4	22.0	23.4	22.6	17.0	16.9	18.7	23.6	23.1	18.0	25.6	18.5	19.4	17.9	13.9	14.2	12.3

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 4.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST GROWN UNDER TRAFFIC STRESS AT MANHATTAN, KS 1/
2024 DATA

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

NAME	GENETIC	SPRING	LEAF	FALL	RECOVERY	CROWN	PERCENT ESTABLISHMENT AFTER			QUALITY RATINGS										
	COLOR	GREENUP	TEXTURE	DENSITY		RUST	4 WEEKS	8 WEEKS	12 WEEKS	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
RAD 3240	9.0	7.3	7.3	9.0	6.0	9.0	67.7	95.0	96.3	6.0	7.0	9.0	9.0	9.0	8.0	6.0	7.3	8.3	8.0	7.8
DLF-KB-3636	7.3	7.0	7.0	8.7	8.0	9.0	78.0	96.7	96.7	6.3	6.0	8.7	9.0	8.3	7.3	7.3	7.7	8.3	7.7	7.7
PST-K20-1	7.7	5.7	7.0	9.0	7.3	9.0	70.7	94.3	97.7	5.3	5.7	8.3	9.0	9.0	8.3	6.7	8.0	8.3	8.0	7.7
BARSERATI	5.3	6.3	6.3	8.3	8.3	9.0	78.0	97.3	99.0	5.7	6.3	8.3	8.3	7.3	7.7	7.7	8.0	8.7	8.0	7.6
NAI-19-58	7.3	6.0	7.0	8.7	6.7	9.0	64.3	94.0	95.7	5.7	5.7	9.0	9.0	9.0	7.3	6.3	7.3	8.3	8.0	7.6
PST-K17-182	7.3	6.3	6.3	9.0	6.7	9.0	75.3	98.0	99.0	5.3	6.0	8.0	9.0	9.0	7.3	7.0	8.0	9.0	7.7	7.6
A19-17	7.0	5.3	6.3	8.7	7.0	9.0	61.7	96.3	97.7	5.3	6.3	9.0	9.0	9.0	7.7	7.3	7.0	8.3	7.3	7.5
A21-6	6.7	6.7	6.0	9.0	6.7	9.0	59.7	94.0	95.3	6.0	6.7	9.0	8.3	9.0	6.7	6.7	7.0	8.3	7.0	7.5
NAI-21-136	7.3	7.0	6.3	8.7	6.3	9.0	56.7	90.7	92.7	5.7	6.0	8.0	9.0	8.7	7.3	6.3	7.3	8.7	8.0	7.5
STARR	7.7	5.7	7.3	9.0	6.3	9.0	65.0	93.7	95.0	5.3	5.7	8.7	9.0	9.0	7.0	6.3	7.3	8.7	8.0	7.5
DLF-KB-3639	7.0	5.7	7.7	9.0	8.0	9.0	73.3	96.0	98.7	5.7	6.3	8.7	9.0	8.0	7.7	7.3	7.0	7.3	6.7	7.4
BOMBAY	7.3	6.0	6.7	9.0	6.3	9.0	66.7	95.0	97.3	6.0	6.7	9.0	8.3	8.7	6.3	6.0	7.0	8.3	8.0	7.4
PSM-231	7.3	4.7	6.3	8.7	6.3	8.7	64.7	92.7	94.7	5.0	5.3	8.3	9.0	8.7	8.0	6.3	7.3	8.3	8.0	7.4
PST-K20-3	9.0	7.0	7.0	8.7	6.0	9.0	50.3	89.0	94.3	5.7	5.0	7.3	9.0	9.0	8.3	5.3	7.7	8.3	8.3	7.4
PST-T15-44	6.7	6.0	7.0	8.7	7.3	9.0	77.3	96.0	97.0	5.7	6.7	9.0	9.0	7.3	7.0	7.0	7.3	8.0	7.0	7.4
DLF-KB-3633	7.0	5.7	7.0	8.7	6.3	9.0	72.3	97.3	97.7	5.3	6.0	8.7	8.7	8.7	7.7	6.3	7.0	7.7	6.7	7.3
DLF-KB-3637	6.7	6.3	7.0	9.0	7.3	9.0	49.0	83.3	91.7	5.3	5.3	8.3	8.7	8.3	7.0	6.7	7.3	8.3	8.0	7.3
LIGHTNING	6.3	5.0	6.0	9.0	7.3	9.0	67.7	93.0	95.3	5.0	5.3	9.0	8.3	8.7	6.3	7.0	7.3	8.3	7.7	7.3
PST-K19-208	8.7	5.7	7.3	8.7	5.3	9.0	66.0	93.3	96.3	6.0	5.7	8.3	9.0	8.7	6.0	5.7	6.7	8.3	8.7	7.3
DLF-KB-3638	6.7	6.0	6.0	9.0	6.7	9.0	61.3	92.0	94.0	6.0	5.7	8.7	8.3	8.7	6.3	6.3	6.7	7.7	7.3	7.2
A12-266	7.0	5.0	6.0	9.0	7.7	9.0	73.0	97.3	96.3	5.3	5.3	8.0	8.3	9.0	6.7	6.7	7.3	8.7	6.7	7.2
A12-293	5.3	6.3	6.3	8.0	7.0	9.0	65.7	96.0	97.7	5.7	6.3	8.0	8.7	7.0	6.0	6.3	7.0	8.7	8.3	7.2
A21-11	7.7	5.7	7.0	8.7	6.7	8.3	69.3	95.0	94.3	5.3	5.3	8.0	8.3	8.0	7.0	7.0	7.3	8.7	7.3	7.2
A21-3	7.0	6.0	6.7	9.0	6.7	9.0	56.0	92.0	94.7	5.3	6.3	8.7	8.3	8.3	6.3	6.7	7.0	7.7	7.3	7.2
BARON	7.0	5.0	6.0	9.0	7.0	8.0	69.0	95.3	97.0	5.0	5.3	7.7	8.7	8.7	6.7	7.7	7.3	8.0	6.7	7.2
PST-K19-201	7.7	4.7	8.0	8.7	7.3	9.0	61.7	92.7	94.3	4.7	5.0	8.0	8.7	8.3	7.7	6.3	7.7	8.7	7.3	7.2
RESOLUTION	6.0	6.7	6.7	9.0	6.3	9.0	65.3	96.3	95.3	6.3	6.0	9.0	8.0	8.7	6.3	6.3	6.7	8.0	7.0	7.2
SHAMROCK	6.0	6.3	6.0	9.0	7.0	8.7	66.7	95.7	95.7	5.7	6.0	8.7	8.7	7.0	6.3	6.3	7.0	8.3	7.7	7.2
ACOUSTIC	8.0	4.7	7.0	8.7	6.0	8.0	71.3	94.7	97.3	4.7	5.0	8.0	8.0	9.0	7.0	5.3	7.0	8.7	8.0	7.1
ARIES	6.3	6.0	6.3	8.7	6.3	9.0	66.7	94.3	95.3	6.0	6.3	8.7	8.0	7.7	6.0	6.3	6.7	8.0	7.3	7.1
J-2797	8.0	4.7	6.3	8.7	6.3	7.0	66.3	93.0	97.3	5.0	5.3	8.3	8.3	7.3	6.7	6.3	7.3	8.7	7.7	7.1

TABLE 4.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST GROWN UNDER TRAFFIC STRESS AT MANHATTAN, KS 1/
2024 DATA

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

NAME	GENETIC	SPRING	LEAF	FALL	RECOVERY	CROWN	PERCENT	ESTABLISHMENT AFTER			QUALITY RATINGS									
	COLOR	GREENUP	TEXTURE	DENSITY				4 WEEKS	8 WEEKS	12 WEEKS	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MIDNIGHT	8.0	4.7	7.0	8.7	5.3	7.7	71.7	95.7	96.7	5.0	5.0	8.0	8.0	8.7	6.7	5.3	7.0	8.7	8.3	7.1
NAI-20-137	6.7	6.7	6.7	9.0	6.3	9.0	66.0	93.7	95.7	5.7	6.0	8.7	8.7	9.0	5.7	5.3	6.3	8.0	7.3	7.1
PPG-KB2108	8.3	6.3	7.0	8.7	6.3	9.0	67.0	94.0	95.7	6.0	6.0	8.0	8.0	7.3	7.0	5.7	7.0	8.3	7.7	7.1
PST-K19-206	7.3	5.3	7.7	8.7	6.3	9.0	68.7	95.0	98.0	5.7	6.3	8.3	8.0	7.3	6.0	6.3	7.0	8.7	7.3	7.1
PST-K22-11	6.3	5.7	8.0	8.3	6.7	9.0	71.7	95.7	99.0	6.0	6.0	8.3	8.0	7.3	6.3	6.3	7.0	8.3	7.7	7.1
RIGHT	8.7	6.0	7.0	8.7	5.3	9.0	60.3	91.3	96.0	5.3	6.0	9.0	9.0	8.3	6.3	5.3	6.3	7.7	7.7	7.1
DLF-KB-3635	6.3	5.3	6.7	8.7	5.0	9.0	80.3	97.3	99.0	4.7	6.3	9.0	8.3	8.7	6.0	5.3	6.3	7.7	8.0	7.0
JERSEY	7.0	6.0	6.0	9.0	5.7	9.0	60.3	93.3	95.3	5.7	5.3	8.0	9.0	8.3	5.7	5.3	6.7	8.7	7.7	7.0
A15-16	7.3	6.0	6.0	9.0	6.0	9.0	65.0	93.7	94.7	5.7	5.3	7.7	8.7	9.0	6.7	5.7	6.7	7.7	6.7	7.0
A15-17	7.0	6.0	6.7	8.7	7.3	9.0	55.0	92.0	92.0	5.3	5.3	7.3	9.0	8.3	6.3	7.0	7.0	8.0	6.7	7.0
J-1249	8.0	4.3	7.0	8.7	5.3	8.0	65.3	94.3	97.3	5.0	5.0	8.0	8.3	9.0	7.0	5.3	6.7	8.3	7.7	7.0
DLF-KB-3634	6.3	5.3	6.0	8.3	5.3	9.0	71.3	96.0	97.7	5.7	6.0	8.3	8.3	8.3	6.0	5.3	6.3	7.3	7.0	6.9
J-2830	9.0	4.3	7.0	9.0	5.3	6.7	61.7	95.7	97.3	5.3	4.7	7.7	7.0	9.0	7.3	5.3	6.7	8.0	8.3	6.9
SKYLINE	6.0	5.3	8.0	8.3	6.7	9.0	61.3	94.7	97.0	5.3	6.3	8.3	7.7	6.7	6.7	6.3	6.7	8.0	6.7	6.9
GO-Y301	7.0	5.7	6.3	8.0	5.7	9.0	70.0	93.7	97.7	5.7	5.3	8.7	9.0	7.3	5.7	5.7	6.0	7.0	6.3	6.7
J-1331	7.7	4.3	6.0	8.7	6.0	7.0	61.3	93.7	95.0	5.0	4.7	8.0	7.0	7.7	5.7	6.3	7.0	8.3	7.3	6.7
LTP-A21-41	6.3	5.7	6.7	7.7	6.3	8.7	73.0	94.3	96.7	5.3	5.3	8.0	8.0	6.3	5.3	6.0	6.3	8.0	8.7	6.7
DLF-KB-3640	5.0	5.3	6.0	8.7	7.7	9.0	71.0	96.0	97.3	5.7	6.0	8.7	6.7	6.0	5.7	6.7	6.7	7.7	6.3	6.6
A15-14	7.7	5.0	6.7	8.3	6.0	8.7	71.3	93.3	94.3	5.0	5.0	7.3	9.0	8.0	5.7	6.0	6.3	7.0	7.0	6.6
PVF-A17-842	5.3	5.3	6.0	8.3	7.0	9.0	71.0	98.3	98.3	5.3	5.7	8.3	7.3	6.3	5.7	7.0	7.0	8.0	5.7	6.6
PROSPERITY	8.7	5.3	7.0	8.3	6.7	5.3	66.7	92.0	95.0	5.3	5.3	8.0	6.3	6.7	6.0	6.0	6.3	7.7	6.7	6.4
KENBLUE	6.0	6.7	8.0	7.7	6.0	9.0	65.3	96.0	95.0	6.0	5.3	8.3	7.0	6.3	5.0	5.3	6.0	7.7	6.3	6.3
NAI-21-127	7.7	5.0	6.7	8.0	6.0	8.7	62.3	89.3	93.7	4.7	5.7	8.0	7.7	7.3	5.3	5.7	6.0	7.0	5.7	6.3
PPG-KB2107	7.7	3.7	6.3	8.3	5.7	9.0	62.7	94.7	96.0	4.0	5.0	6.7	8.3	8.3	6.3	5.0	6.0	7.0	6.3	6.3
GO-Y312	7.0	4.7	7.0	7.3	6.3	9.0	67.3	90.7	95.3	5.3	5.0	7.7	7.7	6.7	4.7	3.7	5.0	7.0	6.7	5.9
LSD VALUE	0.7	1.1	0.6	1.0	1.6	0.6	8.4	5.1	4.1	0.9	0.9	1.2	1.2	0.9	1.0	1.3	0.9	1.2	1.0	0.4
C.V. (%)	6.3	11.6	5.6	5.4	12.9	4.6	7.8	2.9	2.1	9.2	8.8	7.3	8.0	7.0	9.6	11.7	7.5	7.6	8.0	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 5.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT AMHERST, MA 1/
2024 DATA

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

NAME	PERCENT	QUALITY RATINGS								
	ESTABLISHMENT	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
J-2830	65.0	7.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	6.4
ACOUSTIC	76.7	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
J-1249	60.0	6.0	5.0	6.0	6.0	6.3	6.0	6.3	6.0	6.0
MIDNIGHT	70.0	5.7	5.7	5.7	6.0	6.0	6.0	6.0	5.0	5.8
PROSPERITY	63.3	6.0	5.7	5.7	5.7	6.0	6.0	6.0	5.0	5.8
DLF-KB-3635	81.7	5.7	5.3	5.3	5.7	6.0	6.0	6.0	5.7	5.7
A15-14	80.0	6.3	5.3	5.7	5.3	5.0	4.7	5.3	4.3	5.3
BARSERATI	85.0	6.3	5.3	4.7	4.7	5.3	5.0	5.7	5.7	5.3
BOMBAY	61.7	5.0	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.3
NAI-20-137	78.3	5.7	5.0	5.0	5.0	5.0	5.3	6.0	5.0	5.3
PST-K19-208	61.7	5.3	5.0	5.0	5.3	5.3	6.0	5.3	5.3	5.3
JERSEY	66.7	6.0	5.3	4.7	4.7	4.7	5.3	5.3	5.3	5.2
PVF-A17-842	58.3	6.0	5.3	5.3	4.7	5.3	5.0	5.0	5.0	5.2
RESOLUTION	76.7	5.3	5.0	5.0	5.0	5.7	5.3	5.3	4.7	5.2
A12-293	70.0	5.0	4.7	5.0	5.0	5.3	5.3	5.3	5.0	5.1
PPG-KB2108	76.7	5.3	4.7	4.3	4.7	5.3	5.3	5.7	5.3	5.1
DLF-KB-3636	58.3	5.3	5.3	4.7	5.3	5.3	4.7	4.3	4.7	5.0
A15-16	65.0	6.3	5.3	5.3	5.0	5.0	4.7	4.7	3.7	5.0
J-2797	70.0	5.0	5.0	5.0	4.7	4.7	4.7	5.7	5.0	5.0
STARR	75.0	5.3	4.7	4.7	5.0	5.0	5.0	5.7	4.7	5.0
DLF-KB-3633	68.3	5.3	5.3	4.7	4.7	4.3	4.3	4.7	4.0	4.7
PST-K17-182	76.7	5.0	4.3	4.7	4.3	4.7	4.7	5.3	4.7	4.7
RIGHT	75.0	5.3	4.3	4.3	4.7	4.7	4.7	5.0	4.7	4.7
PST-K19-206	76.7	4.3	4.3	4.7	4.3	4.7	4.7	5.0	4.7	4.6
DLF-KB-3639	70.0	4.7	5.3	4.3	4.3	4.3	4.7	4.3	4.3	4.5
DLF-KB-3640	78.3	5.3	4.0	4.0	4.3	4.3	4.3	5.0	4.3	4.5
A12-266	66.7	4.7	4.3	4.0	5.0	4.0	4.7	4.7	5.0	4.5
J-1331	71.7	4.7	4.3	4.0	4.0	4.3	4.7	5.0	4.7	4.5
SHAMROCK	73.3	4.0	4.0	4.0	4.3	4.0	5.0	4.7	4.0	4.3
DLF-KB-3634	68.3	4.7	4.3	3.7	3.3	4.3	4.0	4.7	4.3	4.2
A19-17	56.7	4.7	4.3	4.0	3.3	4.0	4.0	4.3	4.3	4.1

TABLE 5.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT AMHERST, MA 1/
2024 DATA

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

NAME	PERCENT	QUALITY RATINGS								
	ESTABLISHMENT	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
A21-3	63.3	5.3	4.3	4.0	3.3	3.7	3.3	4.3	4.3	4.1
A21-11	70.0	4.7	4.0	4.0	3.3	4.0	4.0	4.7	3.7	4.0
ARIES	56.7	4.3	3.7	4.0	3.3	4.0	4.0	4.0	4.3	4.0
BARON	65.0	5.0	4.3	4.3	3.7	3.3	4.0	4.0	3.7	4.0
GO-Y301	56.7	4.7	4.0	4.0	4.0	3.3	3.7	4.3	4.3	4.0
PST-K19-201	50.0	4.0	3.7	3.7	4.0	3.7	4.3	4.7	4.3	4.0
PST-K20-1	63.3	3.7	4.0	4.0	3.3	4.0	3.7	4.0	4.3	3.9
A21-6	63.3	4.3	4.3	3.3	3.3	4.3	3.3	3.7	3.7	3.8
NAI-21-136	60.0	4.3	3.3	3.0	3.3	3.7	3.3	4.3	4.3	3.7
RAD 3240	66.7	4.3	4.0	4.0	3.0	3.7	3.3	4.0	3.3	3.7
PPG-KB2107	75.0	4.0	3.7	3.3	3.3	4.0	3.7	3.7	3.0	3.6
PST-T15-44	63.3	3.7	3.3	3.0	3.7	3.7	3.7	4.3	3.7	3.6
DLF-KB-3638	60.0	4.0	3.0	3.0	3.0	3.7	3.3	3.3	4.3	3.5
LTP-A21-41	70.0	4.3	3.3	3.3	3.3	3.7	3.3	3.3	3.7	3.5
SKYLINE	55.0	4.3	3.3	3.0	2.7	4.0	3.0	3.3	4.3	3.5
A15-17	61.7	4.3	3.0	3.0	3.0	3.3	3.3	3.7	3.3	3.4
GO-Y312	63.3	4.0	3.3	3.0	3.0	3.3	3.3	3.7	3.3	3.4
DLF-KB-3637	50.0	3.7	3.0	3.3	3.0	3.3	3.0	3.3	3.3	3.3
PSM-231	50.0	4.0	3.3	3.3	3.3	3.3	2.3	3.3	3.3	3.3
PST-K22-11	65.0	3.7	3.3	3.7	3.0	3.3	2.3	3.3	4.0	3.3
PST-K20-3	60.0	3.3	2.3	3.0	3.0	3.3	3.3	3.7	3.7	3.2
KENBLUE	70.0	3.7	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.1
LIGHTNING	50.0	3.3	3.3	3.0	3.0	3.3	2.3	3.3	2.7	3.0
NAI-19-58	68.3	4.0	3.3	2.7	2.3	2.7	2.7	3.3	3.3	3.0
NAI-21-127	60.0	3.3	3.3	3.0	3.0	2.7	2.7	3.0	2.7	3.0
LSD VALUE	18.4	0.8	0.7	0.5	0.6	0.7	0.7	0.7	0.6	0.4
C.V. (%)	14.4	10.6	10.4	8.4	9.5	10.9	10.4	9.9	8.6	5.6

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 6.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT COLLEGE PARK, MD 1/
2024 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SEEDLING VIGOR	FALL DENSITY	APR	MAY	JUN	JUL	QUALITY RATINGS				MEAN
LIGHTNING	7.3	7.3	7.3	4.7	7.3	5.0	6.0	6.3	5.7	6.0	6.7	7.0	7.3	6.3
DLF-KB-3640	7.0	8.3	7.0	4.7	6.7	6.0	5.7	5.7	4.7	5.3	6.7	7.0	7.0	6.0
DLF-KB-3634	7.0	8.3	7.0	5.7	6.7	5.0	6.0	6.3	5.3	5.3	6.7	6.3	6.0	5.9
PST-K17-182	7.3	8.3	7.0	5.7	7.0	5.3	5.7	6.0	5.0	5.3	6.7	6.7	6.7	5.9
DLF-KB-3637	7.7	8.0	7.7	1.0	7.0	3.7	5.3	6.0	5.3	6.0	6.7	6.7	7.0	5.8
DLF-KB-3639	7.3	7.7	8.0	6.0	7.0	4.3	5.7	6.0	5.0	5.7	6.7	6.3	6.3	5.8
A12-266	7.7	7.7	7.3	5.3	7.0	4.0	5.3	6.3	5.7	5.7	6.7	6.0	6.7	5.8
A12-293	7.0	8.0	7.0	5.0	7.0	4.7	5.7	5.7	3.7	5.0	7.3	7.0	7.0	5.8
NAI-19-58	8.0	8.3	7.7	2.3	7.0	4.3	5.7	6.0	5.3	5.7	6.0	6.3	6.7	5.8
PST-K19-206	8.0	8.7	7.7	4.7	7.3	4.7	6.0	5.7	5.3	5.0	7.0	6.3	6.3	5.8
PVF-A17-842	7.0	7.3	7.0	4.7	7.3	5.3	5.7	6.0	4.3	5.3	6.7	6.3	6.7	5.8
RIGHT	8.0	8.3	7.7	3.7	7.7	4.0	5.7	5.7	5.0	5.3	7.0	6.3	7.0	5.8
ARIES	7.0	7.7	7.3	3.7	7.3	4.0	5.7	5.3	4.7	5.3	6.7	6.7	7.0	5.7
J-2797	7.0	7.3	7.0	4.3	6.7	3.3	6.0	5.7	4.7	5.3	7.3	6.7	6.7	5.7
J-2830	7.0	7.7	7.0	4.3	7.3	3.7	5.3	5.3	4.3	5.7	7.3	7.0	6.7	5.7
LTP-A21-41	7.0	7.7	7.3	4.0	6.7	4.3	5.3	6.0	4.7	5.3	7.0	6.3	6.7	5.7
NAI-21-136	7.7	8.3	7.0	3.0	7.0	4.7	5.3	6.0	4.7	5.3	6.3	6.7	6.7	5.7
PST-K19-208	8.0	7.3	7.7	6.0	7.7	4.7	5.0	5.3	4.7	5.0	6.7	7.0	7.0	5.7
PST-T15-44	7.0	8.3	7.0	5.7	7.0	4.7	5.0	5.7	5.0	5.3	6.3	6.7	6.7	5.7
A19-17	7.0	8.0	6.7	3.3	6.0	3.7	5.0	5.7	5.3	5.3	7.3	6.3	6.3	5.6
PST-K22-11	7.0	7.0	9.0	6.3	8.0	5.0	5.7	5.7	5.0	5.3	6.3	6.0	5.7	5.6
RAD 3240	8.0	8.0	7.0	4.7	7.0	4.3	5.3	5.3	5.0	5.0	6.3	6.7	7.0	5.6
STARR	7.3	7.7	7.3	2.0	7.3	3.7	5.7	5.3	5.0	5.3	6.3	6.7	6.7	5.6
DLF-KB-3635	6.0	7.0	7.0	6.7	7.3	5.0	5.3	5.7	3.3	4.7	6.7	7.0	6.3	5.5
DLF-KB-3636	7.0	7.7	7.0	6.0	6.7	4.3	5.0	5.3	4.7	5.0	6.7	7.0	6.0	5.5
A15-14	7.0	7.0	7.0	5.0	7.0	3.3	5.3	5.3	5.0	5.3	6.7	7.0	6.0	5.5
BARSERATI	7.0	6.0	7.3	6.7	7.7	4.3	4.7	5.3	3.7	5.3	7.0	7.0	6.7	5.5
KENBLUE	7.0	8.0	8.7	3.0	7.7	5.0	5.0	5.3	5.0	6.0	5.7	6.0	5.7	5.5
PST-K20-1	6.3	8.3	8.0	4.7	7.7	4.3	5.7	5.7	4.7	5.3	6.3	6.0	6.0	5.5
RESOLUTION	7.0	8.0	7.0	3.7	7.0	3.3	5.7	5.3	4.0	4.7	6.7	7.0	7.3	5.5
DLF-KB-3638	7.7	8.7	7.0	3.0	6.7	4.0	5.0	5.0	4.3	5.3	6.3	6.3	6.7	5.4

TABLE 6.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT COLLEGE PARK, MD 1/
2024 DATA

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

NAME	GENETIC	SPRING	LEAF	SEEDLING	FALL	QUALITY RATINGS								
	COLOR	GREENUP	TEXTURE	VIGOR	DENSITY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
PST-K19-201	7.7	8.7	7.7	4.0	7.0	4.0	5.3	5.7	4.7	5.3	6.0	6.0	6.0	5.4
SKYLINE	7.0	7.7	7.7	1.3	7.3	3.7	5.3	5.7	5.0	5.7	6.0	6.0	5.7	5.4
JERSEY	7.0	7.3	7.0	4.7	7.3	3.7	5.0	5.3	3.7	4.7	5.7	6.7	7.3	5.3
A15-16	7.3	7.7	7.0	5.0	7.0	3.0	4.3	5.0	4.7	5.0	6.7	7.0	6.7	5.3
A15-17	7.3	8.3	7.0	2.7	7.0	3.3	4.7	5.0	5.0	5.0	6.0	6.7	6.3	5.3
A21-11	7.0	7.0	7.0	5.7	6.7	3.0	5.0	5.3	4.7	5.0	5.7	6.7	6.7	5.3
BARON	7.0	8.0	7.3	3.7	6.0	3.7	5.0	5.0	4.3	5.7	6.3	6.3	6.3	5.3
DLF-KB-3633	7.0	7.3	7.0	6.7	6.7	4.3	4.3	5.3	4.7	5.0	6.0	6.3	5.7	5.2
BOMBAY	7.0	7.3	7.0	3.0	6.3	3.7	4.7	5.0	4.3	5.0	6.0	6.7	6.3	5.2
J-1249	7.3	6.7	7.0	4.0	7.0	3.0	4.7	4.7	4.0	5.3	6.3	7.0	6.7	5.2
J-1331	7.0	6.3	7.0	4.7	7.0	3.0	5.3	5.3	4.3	4.7	6.7	6.0	6.3	5.2
A21-3	7.0	7.7	7.0	2.3	7.0	3.0	5.0	5.3	4.0	4.7	5.3	6.3	6.3	5.0
MIDNIGHT	7.3	5.7	7.0	5.3	7.0	3.3	4.7	4.3	3.7	4.7	6.3	6.7	6.3	5.0
NAI-20-137	7.3	8.0	7.0	4.7	7.0	3.3	5.0	5.0	4.0	4.3	5.3	6.3	6.7	5.0
PROSPERITY	7.7	8.3	7.3	4.3	7.3	3.0	4.3	5.0	4.7	5.0	6.0	6.3	5.7	5.0
SHAMROCK	7.7	7.3	7.0	4.7	6.0	4.0	4.7	5.0	3.7	4.7	6.0	6.0	6.3	5.0
GO-Y312	7.0	7.0	7.0	3.0	6.7	4.0	5.0	5.3	3.3	5.0	5.0	5.3	6.0	4.9
A21-6	7.0	7.7	6.7	3.0	6.0	3.7	4.7	4.7	4.0	4.0	5.3	6.0	6.3	4.8
ACOUSTIC	7.3	6.7	7.0	6.0	7.0	3.3	4.7	4.7	3.7	4.3	5.7	6.3	6.0	4.8
GO-Y301	7.3	6.7	6.3	4.0	5.3	3.7	4.7	5.3	4.3	4.7	4.7	5.3	6.0	4.8
PSM-231	7.7	7.3	6.7	1.3	5.7	3.7	4.7	5.0	3.7	4.3	5.3	5.7	6.0	4.8
PPG-KB2107	7.3	7.0	7.0	4.0	6.3	3.0	4.7	4.3	4.0	4.3	5.7	5.3	6.3	4.7
PST-K20-3	8.0	8.3	7.7	3.0	7.3	3.0	4.0	4.3	3.3	4.0	4.3	6.0	6.0	4.4
PPG-KB2108	8.0	7.0	7.3	3.0	6.0	3.0	3.7	4.3	3.7	4.0	5.3	5.3	5.3	4.3
NAI-21-127	7.7	7.3	6.7	2.3	5.3	3.0	4.3	4.0	3.3	3.0	3.3	4.7	4.3	3.8
LSD VALUE	0.6	1.8	0.6	0.9	0.8	0.9	1.4	1.7	1.5	2.2	2.1	1.2	1.3	1.0
C.V. (%)	4.9	11.0	5.0	14.2	7.2	14.0	12.7	13.3	16.6	16.1	15.7	9.5	10.2	9.7

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 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT EAST LANSING, MI 1/
2024 DATA

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

NAME	GENETIC	PERCENT ESTABLISHMENT		QUALITY RATINGS				MEAN
	COLOR	OCT 18	OCT 24	AUG	SEP	OCT	NOV	
ARIES	6.3	43.3	46.7	6.3	7.0	7.0	6.7	6.8
RESOLUTION	6.0	46.7	50.0	6.0	7.3	7.0	6.7	6.8
A12-266	6.3	56.7	63.3	7.0	7.0	6.7	6.0	6.7
LIGHTNING	6.0	40.0	48.3	6.7	7.0	7.0	6.0	6.7
A15-16	7.0	48.3	53.3	6.7	7.0	6.7	5.7	6.5
NAI-20-137	6.3	45.0	51.7	6.3	6.7	6.7	6.3	6.5
DLF-KB-3635	6.0	50.0	60.0	6.7	6.3	7.0	5.7	6.4
A12-293	6.0	51.7	56.7	6.7	6.3	6.7	6.0	6.4
PVF-A17-842	6.0	43.3	46.7	6.3	6.7	6.3	6.3	6.4
DLF-KB-3634	6.3	45.0	48.3	6.3	6.7	6.7	5.7	6.3
DLF-KB-3640	6.0	41.7	45.0	5.7	6.7	6.7	6.0	6.3
A21-3	6.7	28.3	35.0	6.3	6.3	6.3	6.3	6.3
A21-6	6.3	40.0	43.3	6.0	6.3	6.3	6.3	6.3
BARON	6.7	45.0	48.3	6.3	6.3	6.3	6.0	6.3
BARSERATI	6.0	55.0	63.3	6.7	6.7	6.7	5.3	6.3
J-1331	7.0	51.7	56.7	6.3	6.0	6.0	6.7	6.3
NAI-19-58	7.7	35.0	40.0	6.7	6.3	5.7	6.3	6.3
PST-K17-182	7.3	55.0	61.7	6.0	6.7	6.3	6.3	6.3
STARR	6.3	43.3	43.3	6.0	6.3	6.3	6.3	6.3
A15-17	6.0	31.7	36.7	6.3	6.3	6.0	6.0	6.2
NAI-21-136	7.3	41.7	43.3	6.3	6.3	6.0	6.0	6.2
PST-K22-11	6.0	48.3	50.0	6.3	6.3	6.0	6.0	6.2
DLF-KB-3638	6.0	35.0	36.7	6.0	6.3	6.0	6.0	6.1
JERSEY	6.0	48.3	50.0	6.0	6.3	6.0	5.7	6.0
BOMBAY	6.3	38.3	38.3	6.0	6.0	6.3	5.7	6.0
MIDNIGHT	7.3	51.7	53.3	6.3	5.7	6.3	5.7	6.0
PST-K19-208	7.7	55.0	61.7	6.0	6.0	6.0	6.0	6.0
RIGHT	7.7	41.7	45.0	6.0	5.7	6.0	6.3	6.0
DLF-KB-3637	6.3	25.0	26.7	5.7	6.0	6.3	5.7	5.9
A19-17	6.7	30.0	36.7	6.0	6.0	6.0	5.7	5.9
SHAMROCK	6.3	40.0	41.7	5.7	6.0	6.3	5.7	5.9
DLF-KB-3639	6.7	51.7	53.3	6.0	6.0	6.0	5.3	5.8
A15-14	6.3	48.3	51.7	6.3	6.0	5.7	5.0	5.8
A21-11	6.7	46.7	51.7	6.0	5.7	6.3	5.0	5.8

TABLE 7.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT EAST LANSING, MI 1/
2024 DATA

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

NAME	GENETIC	PERCENT ESTABLISHMENT		QUALITY RATINGS				MEAN
	COLOR	OCT 18	OCT 24	AUG	SEP	OCT	NOV	
GO-Y312	6.0	31.7	38.3	5.7	6.0	6.0	5.3	5.8
J-1249	7.7	40.0	46.7	5.7	5.7	6.3	5.3	5.8
PSM-231	6.7	41.7	41.7	5.7	6.0	6.0	5.7	5.8
PST-K20-1	6.0	53.3	56.7	6.0	6.0	5.3	5.7	5.8
DLF-KB-3633	6.7	50.0	56.7	6.0	6.0	5.7	5.0	5.7
DLF-KB-3636	7.3	45.0	48.3	5.7	5.7	6.0	5.3	5.7
ACOUSTIC	7.0	50.0	56.7	5.3	6.0	5.7	5.3	5.6
LTP-A21-41	5.7	46.7	50.0	4.7	6.0	6.0	5.7	5.6
J-2797	7.3	40.0	43.3	5.3	5.3	6.0	5.3	5.5
J-2830	7.3	48.3	53.3	5.0	5.7	5.7	5.7	5.5
PST-K19-206	7.0	45.0	48.3	5.7	5.3	5.3	5.7	5.5
GO-Y301	6.0	40.0	43.3	5.3	5.7	5.3	5.0	5.3
KENBLUE	5.0	43.3	45.0	5.7	5.7	5.0	5.0	5.3
RAD 3240	8.0	46.7	48.3	6.0	5.0	5.0	5.3	5.3
SKYLINE	6.3	35.0	40.0	5.7	5.7	5.0	5.0	5.3
PST-K19-201	7.3	41.7	46.7	6.0	5.0	5.0	4.7	5.2
PST-T15-44	7.0	43.3	48.3	5.0	5.0	5.7	5.0	5.2
PPG-KB2108	7.3	45.0	48.3	5.3	4.0	4.7	4.7	4.7
PPG-KB2107	7.0	41.7	51.7	5.0	4.0	4.0	4.0	4.3
PROSPERITY	7.7	41.7	45.0	5.0	4.3	4.7	3.3	4.3
PST-K20-3	8.0	38.3	38.3	4.7	4.0	4.3	4.3	4.3
NAI-21-127	6.7	35.0	38.3	4.0	3.7	4.0	3.7	3.8
LSD VALUE	0.8	11.2	11.8	1.2	1.1	1.2	1.1	0.8
C.V. (%)	7.3	15.0	14.7	10.6	11.5	11.5	11.6	8.9

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 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT EAST LANSING (TRAFFIC), MI 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/								
NAME	GENETIC COLOR	PERCENT ESTABLISHMENT		QUALITY RATINGS				MEAN
		OCT 18	OCT 24	AUG	SEP	OCT	NOV	
DLF-KB-3636	7.7	48.3	51.7	7.0	7.0	7.7	6.3	7.0
NAI-20-137	6.3	41.7	46.7	7.0	7.0	7.3	6.3	6.9
JERSEY	6.3	45.0	50.0	7.0	7.0	7.0	6.0	6.8
A21-3	6.7	31.7	33.3	6.7	6.7	7.7	6.0	6.8
A12-293	6.0	41.7	46.7	6.7	7.0	7.0	5.7	6.6
LIGHTNING	6.0	43.3	43.3	7.0	6.7	7.0	5.7	6.6
RESOLUTION	6.3	40.0	45.0	6.7	6.3	7.0	6.3	6.6
DLF-KB-3635	6.0	50.0	55.0	6.7	6.3	7.0	5.7	6.4
DLF-KB-3640	6.0	41.7	45.0	6.3	6.7	7.0	5.7	6.4
A15-16	7.3	48.3	51.7	6.7	6.0	7.3	5.7	6.4
ARIES	6.0	46.7	48.3	6.3	6.3	6.7	6.3	6.4
A21-11	7.0	48.3	51.7	7.0	6.0	6.7	5.3	6.3
ACOUSTIC	7.3	50.0	56.7	7.0	6.3	6.3	5.3	6.3
BARSERATI	6.0	46.7	51.7	6.3	6.7	7.0	5.3	6.3
J-1331	7.3	43.3	51.7	6.7	6.3	6.7	5.7	6.3
NAI-19-58	7.3	46.7	48.3	7.0	6.3	6.3	5.3	6.3
PVF-A17-842	6.0	45.0	46.7	6.0	7.0	7.0	5.3	6.3
RAD 3240	8.0	43.3	45.0	6.7	5.7	7.0	5.7	6.3
DLF-KB-3637	6.7	25.0	25.0	6.3	5.7	7.0	5.7	6.2
A12-266	6.7	50.0	58.3	7.0	6.7	6.3	4.7	6.2
BOMBAY	7.0	43.3	46.7	6.7	5.7	6.7	5.7	6.2
MIDNIGHT	7.7	41.7	46.7	6.7	5.7	6.7	5.7	6.2
DLF-KB-3633	7.3	46.7	50.0	6.3	6.0	6.7	5.3	6.1
DLF-KB-3634	6.7	38.3	46.7	6.3	6.0	6.7	5.3	6.1
J-1249	7.0	43.3	46.7	6.3	6.0	6.7	5.3	6.1
NAI-21-136	7.3	31.7	33.3	6.7	6.0	6.3	5.3	6.1
PST-K17-182	6.3	45.0	50.0	6.0	6.0	6.7	5.7	6.1
SHAMROCK	6.3	46.7	51.7	6.0	6.0	6.7	5.7	6.1
A15-17	6.3	30.0	35.0	6.0	6.3	6.7	5.0	6.0
J-2797	7.0	45.0	48.3	6.7	5.3	6.0	6.0	6.0
J-2830	7.7	38.3	43.3	6.7	6.0	6.0	5.3	6.0

TABLE 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
(CONT'D) 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT EAST LANSING (TRAFFIC), MI 1/
2024 DATA

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

NAME	GENETIC COLOR	PERCENT ESTABLISHMENT		AUG	QUALITY RATINGS			MEAN
		OCT 18	OCT 24		SEP	OCT	NOV	
PST-K20-1	6.0	45.0	51.7	6.0	6.0	6.3	5.7	6.0
PST-K22-11	6.0	46.7	51.7	6.3	6.0	6.0	5.7	6.0
A15-14	6.3	46.7	55.0	6.0	6.0	6.3	5.3	5.9
A21-6	6.0	28.3	35.0	5.7	5.7	6.7	5.7	5.9
PST-K19-208	7.7	46.7	53.3	6.3	5.7	6.0	5.7	5.9
DLF-KB-3638	6.3	30.0	35.0	6.3	6.0	6.0	5.0	5.8
DLF-KB-3639	6.7	45.0	50.0	5.7	5.7	6.3	5.3	5.8
BARON	6.3	40.0	41.7	6.3	6.0	6.3	4.7	5.8
GO-Y312	6.0	38.3	40.0	5.7	5.3	6.7	5.7	5.8
PSM-231	7.0	36.7	40.0	6.7	5.0	6.0	5.3	5.8
PST-T15-44	7.0	46.7	55.0	5.7	5.7	6.7	5.3	5.8
STARR	6.3	35.0	41.7	5.7	5.7	6.3	5.3	5.8
A19-17	6.3	40.0	41.7	6.0	5.7	6.0	5.0	5.7
LTP-A21-41	6.0	45.0	46.7	5.3	6.0	6.0	5.3	5.7
PST-K19-206	8.0	50.0	53.3	6.0	5.0	6.3	5.3	5.7
RIGHT	7.7	38.3	40.0	5.7	5.3	5.7	5.7	5.6
SKYLINE	5.7	30.0	38.3	5.3	6.0	6.3	4.3	5.5
KENBLUE	5.3	40.0	41.7	5.0	6.0	6.0	4.7	5.4
PROSPERITY	8.0	38.3	36.7	6.0	5.7	5.0	4.3	5.3
PST-K20-3	8.0	33.3	33.3	6.3	4.7	5.7	4.7	5.3
GO-Y301	6.7	41.7	43.3	5.3	4.7	6.0	4.3	5.1
NAI-21-127	7.3	33.3	40.0	5.3	5.0	6.0	4.0	5.1
PST-K19-201	7.7	43.3	43.3	5.7	4.7	5.0	4.7	5.0
PPG-KB2107	7.3	38.3	45.0	5.0	4.3	4.3	4.3	4.5
PPG-KB2108	7.7	40.0	43.3	4.7	4.3	5.0	4.0	4.5
LSD VALUE	0.7	14.0	10.6	1.0	0.9	1.1	2.0	0.7
C.V. (%)	6.8	17.2	13.8	9.4	9.6	9.7	14.8	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 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT ST. PAUL, MN 1/
2024 DATA

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

NAME	LEAF	PERCENT	JUN	JUL	QUALITY	RATINGS	OCT	MEAN
	TEXTURE	ESTABLISHMENT			AUG	SEP		
DLF-KB-3636	6.3	56.0	7.0	5.7	7.0	5.7	6.3	6.3
J-1249	7.0	40.7	7.3	5.3	6.7	6.0	5.7	6.2
PST-K20-1	7.0	44.7	6.7	6.3	6.3	5.7	5.3	6.1
J-1331	6.0	58.7	7.0	5.7	6.3	6.0	5.0	6.0
PST-K17-182	6.0	55.3	7.0	5.7	6.3	5.7	5.3	6.0
J-2797	5.0	51.3	7.0	6.3	5.7	5.3	5.0	5.9
PST-K19-208	7.7	54.3	7.7	4.7	5.7	5.3	6.3	5.9
RAD 3240	6.7	44.7	5.7	4.3	7.0	6.7	5.3	5.8
A15-14	6.7	49.0	5.7	5.7	6.0	6.0	5.0	5.7
ACOUSTIC	6.7	61.0	6.7	5.0	6.3	5.7	4.7	5.7
NAI-19-58	6.7	37.7	6.0	5.0	6.0	6.0	5.0	5.6
A12-266	4.3	41.0	5.0	4.7	6.0	6.0	6.0	5.5
A15-16	6.3	48.0	5.3	4.3	5.7	6.0	5.3	5.3
A21-11	5.3	38.3	5.3	5.0	6.0	5.3	5.0	5.3
MIDNIGHT	6.0	54.7	6.0	5.0	5.3	5.3	4.7	5.3
DLF-KB-3634	5.3	51.7	4.7	3.3	5.7	5.7	6.3	5.1
BOMBAY	6.7	41.3	6.3	4.0	5.3	4.7	5.0	5.1
DLF-KB-3633	5.0	59.3	5.0	5.0	5.3	5.3	4.3	5.0
J-2830	6.7	47.3	5.0	3.7	5.7	5.7	5.0	5.0
PST-K20-3	5.3	30.3	4.0	4.0	6.0	5.7	5.3	5.0
PST-K22-11	7.7	45.0	4.7	3.7	5.7	6.0	4.0	4.8
DLF-KB-3635	6.7	67.3	6.0	4.3	4.7	4.7	3.7	4.7
A19-17	5.3	34.3	5.3	5.0	5.3	4.7	3.3	4.7
ARIES	5.3	45.0	4.3	3.3	5.0	5.3	5.3	4.7
BARON	5.7	41.7	5.3	3.3	5.3	5.0	4.3	4.7
NAI-20-137	5.0	45.0	6.0	2.7	5.0	5.0	4.7	4.7
PROSPERITY	6.7	48.0	5.7	7.0	4.7	3.3	3.0	4.7
JERSEY	5.7	37.7	5.0	3.0	4.7	5.0	4.7	4.5
PST-K19-206	7.0	35.3	5.3	3.0	5.3	4.7	4.0	4.5
RESOLUTION	5.7	41.0	5.3	3.0	4.0	5.3	4.7	4.5
RIGHT	6.7	39.7	5.3	4.0	5.0	4.3	4.0	4.5

TABLE 9.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT ST. PAUL, MN 1/
2024 DATA

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

NAME	LEAF	PERCENT	QUALITY RATINGS					MEAN
	TEXTURE	ESTABLISHMENT	JUN	JUL	AUG	SEP	OCT	
A21-3	5.7	26.7	3.7	3.0	5.0	5.3	4.7	4.3
BARSERATI	6.0	66.7	4.7	3.0	3.7	6.0	4.3	4.3
NAI-21-136	4.7	23.3	5.0	3.3	4.7	4.7	3.7	4.3
STARR	6.3	41.0	5.7	3.0	4.0	4.3	4.7	4.3
DLF-KB-3637	6.0	23.0	3.3	2.3	4.3	5.3	5.7	4.2
SHAMROCK	4.0	45.0	4.0	3.0	4.7	4.7	4.7	4.2
A15-17	4.3	26.7	4.0	3.7	5.0	4.0	3.7	4.1
GO-Y312	5.3	38.3	5.7	4.0	3.7	3.3	3.3	4.0
LTP-A21-41	5.7	34.0	4.3	3.0	4.7	4.0	4.0	4.0
PPG-KB2108	5.3	40.7	5.3	4.3	3.7	3.3	3.0	3.9
PST-K19-201	6.3	42.3	5.3	4.0	5.0	2.3	2.7	3.9
PST-T15-44	5.3	56.3	4.3	3.0	5.0	3.3	3.3	3.8
PVF-A17-842	5.7	34.7	4.0	3.3	3.7	4.3	3.7	3.8
DLF-KB-3640	5.0	32.0	3.7	3.7	4.0	3.3	3.7	3.7
DLF-KB-3639	6.0	47.7	4.3	4.0	3.7	3.0	2.7	3.5
A12-293	4.7	38.3	4.3	3.3	4.0	3.3	2.7	3.5
KENBLUE	8.0	34.7	4.7	3.7	3.3	3.3	2.7	3.5
PSM-231	3.3	22.7	3.3	3.0	3.7	4.0	3.7	3.5
SKYLINE	8.3	24.3	4.7	3.3	4.0	3.3	2.3	3.5
A21-6	4.0	33.7	3.3	2.7	3.7	3.7	3.7	3.4
DLF-KB-3638	4.7	33.3	4.0	2.3	3.3	3.7	3.0	3.3
LIGHTNING	3.7	44.3	3.0	1.3	3.3	4.7	3.7	3.2
GO-Y301	3.7	40.3	4.3	3.3	3.0	2.0	2.3	3.0
PPG-KB2107	5.0	36.3	4.3	2.7	3.7	2.0	2.0	2.9
NAI-21-127	4.0	25.3	3.0	2.7	3.0	2.0	2.0	2.5
LSD VALUE	1.5	8.4	1.6	1.5	1.9	1.4	1.6	1.2
C.V. (%)	16.4	13.3	19.4	24.1	22.1	19.0	22.8	16.4

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.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT RALEIGH, NC 1/ 2024 DATA																			
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/																			
NAME	GENETIC COLOR	LEAF TEXTURE	SEEDLING VIGOR	GROUND COVER SUMMER	STEM RUST	ESTABLISH- MENT	UNIFORMITY	SUMMER PATCH		QUALITY RATINGS									
								JULY	AUGUST	JAN	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DLF-KB-3640	5.7	7.3	6.0	80.0	1.3	31.7	4.3	4.0	2.7	2.7	5.3	7.0	8.0	4.3	3.7	2.7	4.0	6.0	4.9
BOMBAY	6.3	5.7	5.7	86.7	4.0	26.7	5.0	4.7	5.0	2.0	3.7	5.3	6.7	4.7	4.7	4.0	5.7	6.7	4.8
PST-K22-11	5.7	8.0	6.7	80.0	1.0	35.0	3.0	4.3	3.3	2.3	5.0	7.0	7.7	5.0	3.7	3.0	4.0	5.3	4.8
DLF-KB-3638	6.0	7.0	6.0	97.7	2.0	23.3	6.7	7.3	6.3	2.0	2.0	4.3	6.0	6.0	6.0	4.0	5.3	7.0	4.7
ARIES	6.0	7.0	6.0	89.0	2.7	28.3	4.0	4.3	4.0	2.0	4.3	5.7	6.7	4.7	4.0	3.3	5.0	6.3	4.7
J-1249	7.3	7.3	6.0	98.3	4.0	25.0	6.7	7.7	5.7	2.0	2.3	4.0	5.0	6.0	5.3	4.0	6.0	8.0	4.7
J-2797	7.3	6.3	6.3	97.0	3.0	30.0	6.3	6.3	5.3	2.0	3.3	4.3	5.3	5.3	4.7	4.3	6.0	7.3	4.7
DLF-KB-3637	6.0	7.0	3.7	90.7	4.7	18.3	6.3	3.3	3.3	2.0	3.0	5.0	6.3	3.7	3.7	4.0	6.0	7.7	4.6
A19-17	6.0	7.0	6.0	90.7	2.7	28.3	4.7	7.0	4.3	2.0	3.7	5.7	7.3	6.0	4.3	2.7	4.0	5.7	4.6
BARON	6.7	6.3	5.3	85.7	3.7	25.0	6.3	5.0	4.3	2.3	3.3	5.0	6.3	4.7	4.0	4.0	5.3	6.7	4.6
DLF-KB-3635	6.0	7.7	7.3	83.0	3.7	38.3	6.3	6.0	3.7	2.3	4.0	5.0	6.0	4.7	4.3	4.3	4.3	5.3	4.5
DLF-KB-3636	6.7	6.3	6.3	69.7	3.7	31.7	4.7	2.7	3.0	2.3	4.3	6.0	7.3	3.3	3.3	3.0	4.0	5.7	4.4
A12-293	6.3	7.3	6.0	64.0	4.3	26.7	4.3	4.7	3.0	2.0	4.3	6.3	7.3	4.3	3.7	3.3	3.3	5.0	4.4
A21-6	6.7	6.3	5.7	84.7	2.3	23.3	4.3	4.0	3.0	2.0	4.3	6.0	7.0	4.3	3.7	2.3	4.0	6.0	4.4
PST-T15-44	7.3	6.7	6.3	89.0	1.7	30.0	4.3	5.3	4.0	2.0	4.3	5.7	6.3	5.3	4.3	2.7	4.0	5.3	4.4
PVF-A17-842	6.0	6.7	6.0	75.7	3.0	28.3	4.7	5.3	3.7	2.3	4.7	7.0	7.3	4.7	3.3	2.7	2.7	4.7	4.4
RESOLUTION	6.7	6.3	5.7	80.0	5.7	26.7	3.7	5.3	2.7	2.0	3.0	5.7	6.3	5.0	3.3	3.3	4.7	6.0	4.4
LIGHTNING	6.0	6.3	6.7	56.7	3.0	30.0	3.0	3.3	2.0	2.3	5.7	7.0	7.3	4.0	2.7	2.7	2.7	3.7	4.2
DLF-KB-3633	6.7	7.0	7.3	79.7	4.3	36.7	5.7	4.7	3.3	2.0	3.3	4.3	5.3	4.3	4.0	3.7	4.3	5.7	4.1
DLF-KB-3639	6.7	7.7	7.0	81.3	1.3	36.7	5.3	5.3	4.3	2.7	4.0	4.7	6.0	5.0	4.0	2.3	3.7	4.7	4.1
A21-3	6.0	7.7	6.0	97.0	2.7	26.7	6.0	4.7	4.7	2.0	3.0	3.7	4.7	4.0	4.0	3.7	5.0	6.7	4.1
J-1331	7.3	6.7	6.0	79.7	2.0	30.0	5.0	5.3	4.7	2.3	3.0	4.7	5.3	4.3	4.0	3.0	4.3	6.0	4.1
NAI-20-137	6.3	7.0	6.7	61.7	5.0	33.3	4.0	4.7	2.7	2.0	3.3	5.7	6.3	4.7	3.3	2.3	4.0	5.3	4.1
A12-266	6.0	6.7	5.7	69.0	5.3	26.7	5.7	4.3	3.3	2.0	3.0	4.3	5.7	4.0	3.7	3.3	5.0	5.3	4.0
A15-14	6.0	6.3	5.7	96.3	5.3	26.7	5.3	4.3	5.3	2.0	2.7	3.3	4.7	4.3	4.7	4.0	5.0	5.7	4.0
ACOUSTIC	7.7	6.7	6.3	87.3	5.3	31.7	4.0	4.0	4.0	2.3	3.3	4.3	4.7	3.3	3.7	3.7	4.7	6.0	4.0
PST-K17-182	6.7	6.7	6.0	69.7	3.0	26.7	4.0	4.0	3.0	2.3	3.3	4.3	5.0	4.0	3.7	2.7	5.0	5.7	4.0
DLF-KB-3634	6.0	6.7	6.7	75.7	3.0	31.7	4.3	3.3	2.3	2.0	3.3	5.7	6.7	3.7	3.0	2.7	3.3	4.3	3.9
PST-K19-206	6.7	7.0	6.0	86.7	1.3	31.7	4.3	3.3	2.7	2.0	3.7	5.3	6.0	4.0	3.3	2.3	3.7	4.3	3.9
PST-K20-1	5.7	7.3	6.3	65.7	1.7	26.7	5.3	7.3	5.3	2.0	2.3	3.3	4.7	5.0	4.7	3.7	4.0	5.7	3.9
J-2830	7.0	7.3	6.0	79.0	3.3	26.7	5.7	4.3	4.0	2.0	3.0	3.7	4.3	4.0	3.7	3.3	4.3	6.0	3.8

TABLE 10. (CONT'D)		MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT RALEIGH, NC 1/ 2024 DATA																					
		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ %																					
NAME	GENETIC COLOR	LEAF TEXTURE	SEEDLING VIGOR	GROUND COVER SUMMER	STEM RUST	ESTABLISH- MENT	UNIFORMITY	SUMMER JULY	PATCH AUGUST	JAN	APR	MAY	QUALITY RATINGS							SEP	OCT	NOV	MEAN
MIDNIGHT	6.7	6.7	6.3	75.7	3.7	31.7	4.3	3.0	3.0	2.0	3.3	4.7	5.7	3.3	3.3	2.7	3.7	5.3	3.8				
RIGHT	7.3	7.7	5.3	94.7	2.0	23.3	5.0	6.0	4.7	2.0	2.0	3.3	4.0	5.0	4.3	3.3	4.7	5.7	3.8				
SKYLINE	5.3	7.0	5.0	79.0	1.0	23.3	4.3	4.3	4.0	2.0	2.7	5.3	6.0	4.0	4.0	2.3	3.3	4.7	3.8				
KENBLUE	5.7	8.0	5.0	78.3	1.0	23.3	2.3	4.0	2.0	2.0	4.3	6.0	6.7	4.3	3.3	1.7	2.0	2.7	3.7				
SHAMROCK	6.0	7.0	5.7	92.3	1.7	23.3	3.7	6.3	4.7	2.0	2.3	3.0	4.3	4.7	4.3	3.0	4.0	6.0	3.7				
PROSPERITY	6.3	7.7	6.3	93.7	2.3	30.0	4.0	4.3	4.7	2.0	2.7	3.3	4.7	4.3	4.3	2.3	4.0	4.7	3.6				
STARR	6.3	6.7	5.7	85.7	2.3	23.3	5.3	3.7	3.3	2.0	2.7	3.3	4.0	3.0	3.0	3.0	5.0	6.3	3.6				
JERSEY	6.7	6.3	6.3	66.7	4.3	30.0	4.0	3.3	2.0	2.0	3.0	4.3	5.7	4.0	2.7	2.3	2.3	4.0	3.4				
A15-16	6.3	6.0	6.0	69.0	4.0	28.3	3.3	3.7	2.3	2.0	3.0	4.0	4.0	3.7	3.0	2.3	4.0	5.0	3.4				
A15-17	6.3	7.0	5.0	76.7	6.3	23.3	4.7	3.0	2.0	2.0	3.0	4.3	5.0	3.0	2.7	2.7	3.7	4.7	3.4				
NAI-19-58	7.7	7.0	6.0	76.7	2.0	30.0	3.7	3.7	1.7	2.0	3.7	4.7	4.7	3.7	2.7	2.7	2.7	4.3	3.4				
BARSERATI	6.0	7.0	6.3	41.7	3.7	33.3	3.3	2.3	1.7	2.0	3.7	5.3	5.3	2.3	2.0	1.7	3.0	4.7	3.3				
PST-K19-208	7.3	6.7	6.7	71.7	1.7	33.3	3.7	3.3	2.3	2.0	3.0	3.7	4.7	3.7	3.3	2.0	3.3	4.0	3.3				
GO-Y301	6.3	6.7	5.3	63.3	1.3	25.0	3.0	3.0	1.7	2.0	3.3	4.3	5.0	3.0	2.3	2.0	3.0	3.7	3.2				
A21-11	6.3	6.7	6.0	69.0	3.0	30.0	3.3	3.3	2.3	2.3	2.7	3.3	4.0	3.0	2.7	2.3	3.0	4.0	3.0				
GO-Y312	6.7	6.7	4.0	88.7	1.3	16.7	4.0	4.7	4.0	2.0	2.0	2.0	2.7	3.3	3.3	2.7	3.7	5.0	3.0				
PPG-KB2108	7.0	7.0	6.3	73.3	1.0	28.3	2.0	2.3	1.7	2.3	3.3	4.7	5.7	3.3	2.7	1.3	1.7	2.3	3.0				
RAD 3240	7.3	7.0	6.3	48.3	4.0	31.7	2.3	2.3	1.3	2.0	3.7	5.0	5.3	3.0	2.3	1.7	1.7	2.0	3.0				
PST-K19-201	7.0	7.3	5.3	70.7	1.0	23.3	3.3	4.0	3.0	2.0	2.3	3.7	4.0	3.7	2.7	1.7	2.3	2.7	2.8				
LTP-A21-41	5.7	6.3	6.0	61.7	1.0	26.7	3.3	2.0	2.0	2.0	2.7	4.3	5.0	2.0	2.3	1.7	1.7	2.3	2.7				
PPG-KB2107	7.0	7.0	5.3	86.7	2.3	25.0	3.7	3.0	2.7	2.0	2.7	3.0	3.7	3.0	2.7	1.7	2.3	3.0	2.7				
NAI-21-136	7.0	6.3	6.0	48.3	3.7	26.7	2.0	3.0	1.3	2.0	2.7	3.7	4.0	3.0	2.0	1.7	2.0	2.7	2.6				
PST-K20-3	7.7	7.7	5.3	88.3	4.7	21.7	4.0	2.7	2.7	2.0	2.0	2.3	3.3	2.7	2.7	2.3	2.7	3.7	2.6				
PSM-231	6.3	6.7	4.7	50.0	3.0	20.0	2.0	2.3	1.7	2.0	2.3	2.7	3.3	2.7	2.0	1.3	2.0	2.0	2.3				
NAI-21-127	6.7	7.3	5.0	35.0	2.7	25.0	2.0	2.0	1.0	2.0	2.0	2.7	3.0	2.0	1.3	1.0	1.3	1.3	1.9				
LSD VALUE	0.9	0.9	0.9	80.8	2.3	8.2	3.0	4.2	3.4	0.9	1.7	2.0	2.1	4.0	3.7	2.8	2.2	3.1	1.5				
C.V. (%)	8.1	7.5	9.3	31.0	44.6	16.5	34.4	43.4	48.8	13.2	28.2	25.7	22.3	35.1	38.1	41.5	32.8	33.4	21.0				

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 KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT MEAD, NE 1/
2024 DATA

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

NAME	GENETIC	SPRING	LEAF	SEEDLING	FALL	APR	MAY	QUALITY RATINGS					OCT	MEAN
	COLOR	GREENUP	TEXTURE	VIGOR	DENSITY			JUN	JUL	AUG	SEP			
A19-17	7.3	6.7	6.0	7.3	7.0	5.7	6.3	7.3	7.3	7.0	7.3	6.3	6.8	
STARR	7.0	6.7	5.3	7.0	6.3	5.3	7.0	7.0	7.0	7.0	6.7	6.3	6.6	
BARSERATI	6.0	6.0	6.7	7.0	7.0	6.0	6.3	6.3	7.3	6.3	6.3	6.7	6.5	
PPG-KB2108	8.0	6.7	5.7	6.3	7.0	5.7	6.0	6.7	7.3	7.0	6.3	6.3	6.5	
PST-K17-182	7.0	7.0	5.7	6.3	7.0	6.0	6.0	6.0	7.0	6.7	7.0	7.0	6.5	
DLF-KB-3634	7.0	6.7	5.3	7.0	6.7	6.7	6.0	6.3	6.0	6.7	6.3	6.7	6.4	
ACOUSTIC	7.7	6.0	5.3	7.3	6.7	4.7	6.3	7.0	7.3	7.0	6.0	6.3	6.4	
ARIES	6.7	6.3	5.7	6.7	6.7	5.7	6.0	6.3	7.3	7.0	6.3	6.3	6.4	
DLF-KB-3635	7.0	6.7	6.7	6.7	7.3	5.3	6.0	7.0	6.7	6.0	6.3	6.7	6.3	
DLF-KB-3636	7.3	7.0	6.3	6.3	6.7	5.7	6.0	6.0	6.3	7.0	6.3	6.7	6.3	
BOMBAY	7.0	6.7	5.0	6.3	6.7	6.0	6.0	6.0	6.7	7.0	6.7	5.7	6.3	
MIDNIGHT	7.7	5.0	5.3	6.7	7.0	4.3	7.0	6.3	6.7	7.0	6.7	6.0	6.3	
PSM-231	7.0	5.7	6.3	7.0	7.0	4.7	6.7	7.0	7.0	6.7	6.0	6.3	6.3	
RIGHT	8.0	6.0	5.7	6.3	6.7	4.0	6.7	6.3	7.0	6.7	6.7	6.7	6.3	
JERSEY	6.7	5.7	6.0	6.3	6.7	4.7	5.7	6.3	6.7	7.0	6.7	6.7	6.2	
A15-14	6.7	6.7	5.0	6.3	6.3	5.3	6.3	6.3	6.3	6.0	6.0	7.0	6.2	
A21-6	7.0	6.3	6.0	6.7	6.0	5.0	6.3	6.3	6.7	7.0	6.0	6.3	6.2	
J-1249	8.0	5.0	6.0	6.3	6.7	4.0	7.0	6.7	7.0	7.0	5.7	6.0	6.2	
J-2797	7.0	6.0	6.0	7.3	7.0	4.7	7.3	7.3	6.7	6.7	5.3	5.3	6.2	
PST-K19-208	8.0	6.0	5.7	6.3	6.0	4.7	6.3	6.0	6.0	6.7	6.3	7.7	6.2	
PST-K20-1	6.7	5.3	6.0	6.7	6.0	4.0	6.7	6.3	6.7	6.7	6.3	6.7	6.2	
PVF-A17-842	6.0	6.0	6.0	6.7	7.0	6.3	6.0	6.3	7.0	6.0	6.0	6.0	6.2	
RAD 3240	7.3	6.3	5.7	6.0	6.3	5.3	6.7	6.0	6.0	6.3	6.3	6.7	6.2	
A12-293	6.0	5.3	6.0	6.3	6.7	5.0	6.0	6.7	6.3	6.0	6.3	6.3	6.1	
A21-3	7.0	5.3	6.3	6.7	6.7	4.3	6.3	6.7	6.3	6.7	6.7	6.0	6.1	
NAI-19-58	6.7	5.3	5.7	6.0	6.3	4.7	7.0	5.7	6.0	6.3	6.3	6.7	6.1	
PST-T15-44	6.3	6.0	5.3	6.3	6.0	5.3	6.3	6.3	6.0	6.7	6.0	6.0	6.1	
RESOLUTION	5.7	5.7	5.7	5.7	6.7	4.7	5.7	5.7	6.7	6.7	6.7	6.7	6.1	
DLF-KB-3633	7.0	6.0	5.7	5.7	7.0	4.3	6.3	5.7	6.0	6.0	7.0	6.7	6.0	
A12-266	6.7	5.0	6.0	6.7	6.0	4.7	6.0	6.7	6.0	6.7	6.0	6.0	6.0	
A15-17	6.0	6.0	5.7	6.0	6.0	4.7	6.0	6.0	6.7	5.7	6.3	6.3	6.0	

TABLE 11.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT MEAD, NE 1/
2024 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SEEDLING VIGOR	FALL DENSITY	APR	MAY	QUALITY RATINGS					MEAN
								JUN	JUL	AUG	SEP	OCT	
A21-11	7.0	5.7	4.3	6.7	6.0	4.7	6.0	6.3	6.3	6.7	5.7	6.3	6.0
BARON	6.7	6.0	6.0	6.7	6.3	5.0	6.7	6.0	6.0	6.0	6.7	6.0	6.0
J-1331	7.7	6.3	5.7	7.0	7.3	5.3	6.7	6.7	6.0	6.3	5.3	5.7	6.0
LTP-A21-41	6.0	6.0	5.7	6.3	7.3	5.7	5.7	5.7	6.3	6.0	6.3	6.3	6.0
NAI-21-136	6.7	6.0	6.0	6.0	6.3	5.0	6.0	6.3	6.3	6.3	5.7	6.3	6.0
PPG-KB2107	7.0	6.0	6.3	7.0	7.0	4.7	6.3	6.3	6.0	6.0	5.7	6.7	6.0
PST-K19-206	7.0	6.3	4.7	6.3	6.3	5.3	6.0	6.0	6.0	6.3	6.0	6.0	6.0
SHAMROCK	6.7	6.0	6.0	6.7	6.3	5.3	6.0	6.7	6.0	6.0	6.0	6.0	6.0
DLF-KB-3637	6.7	6.7	5.3	6.0	6.7	4.7	5.7	6.0	6.7	6.0	6.0	6.0	5.9
DLF-KB-3638	6.7	6.0	6.3	6.3	6.7	5.0	5.0	5.7	6.3	6.7	6.0	6.3	5.9
A15-16	6.3	5.0	5.7	6.0	6.7	4.7	5.7	5.7	6.7	6.0	6.3	6.0	5.9
LIGHTNING	6.0	5.3	5.3	6.3	6.3	4.7	6.3	5.7	6.3	6.0	6.0	6.3	5.9
PROSPERITY	8.0	6.3	6.0	6.0	6.0	5.0	6.3	6.0	6.3	6.0	5.0	6.3	5.9
PST-K19-201	7.3	5.7	5.7	6.7	6.0	4.7	6.3	5.7	6.3	6.0	5.7	6.3	5.9
PST-K20-3	7.0	5.3	5.3	5.7	5.3	4.0	6.3	6.0	6.0	7.0	6.0	6.0	5.9
DLF-KB-3640	5.3	5.7	6.7	6.0	6.0	4.3	5.7	5.7	6.3	6.0	6.3	6.0	5.8
GO-Y312	6.3	6.3	5.0	6.0	6.3	5.7	5.7	6.0	6.0	6.0	5.0	6.3	5.8
NAI-20-137	6.3	5.3	6.0	6.0	7.0	4.3	6.0	6.0	6.0	6.0	6.3	5.7	5.8
PST-K22-11	5.0	6.0	5.3	6.3	7.3	5.3	6.0	5.7	6.3	6.0	5.3	5.7	5.8
DLF-KB-3639	7.0	6.3	5.3	6.0	6.0	5.3	5.7	5.7	6.0	5.7	5.3	6.0	5.7
GO-Y301	6.7	5.7	5.3	6.0	6.3	4.3	5.7	6.0	6.0	6.0	5.7	6.3	5.7
J-2830	7.3	5.7	6.0	6.3	5.7	4.3	6.7	5.3	6.0	6.0	5.3	5.3	5.6
NAI-21-127	8.0	4.7	6.0	5.7	6.0	3.7	5.3	5.7	6.3	6.0	5.7	6.3	5.6
KENBLUE	6.0	6.0	5.0	5.3	5.3	6.0	4.7	5.0	5.3	5.0	5.0	5.7	5.2
SKYLINE	5.7	5.0	5.3	5.3	5.7	4.3	5.3	5.0	6.0	5.3	5.0	5.3	5.2
LSD VALUE	0.8	1.0	1.9	1.2	0.9	1.1	1.1	1.0	1.0	0.7	0.9	1.4	0.4
C.V. (%)	7.2	9.7	12.3	8.9	7.7	12.8	9.3	8.9	8.0	6.5	8.5	9.3	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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT NORTH BRUNSWICK, NJ 1/
2024 DATA

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

NAME	SPRING GREENUP	SEEDLING VIGOR	SUMMER PATCH	CROWN RUST	SEEDHEAD	PERCENT ESTABLISHMENT				QUALITY RATINGS				MEAN
						OCT 2023	APRIL	MAY	JUN	JUL	AUG	SEP	OCT	
PST-K22-11	8.0	7.0	9.0	2.3	8.7	65.0	90.0	97.7	7.0	7.3	5.7	8.3	8.0	7.3
PST-K20-1	4.3	5.0	9.0	4.3	9.0	48.3	78.3	85.0	5.3	6.3	6.7	8.0	7.0	6.7
DLF-KB-3635	8.7	8.7	9.0	4.3	8.7	80.0	93.0	96.3	7.0	6.0	5.0	7.0	8.0	6.6
BARSERATI	7.3	8.7	9.0	2.0	9.0	73.3	83.3	91.7	6.3	5.7	5.7	7.0	6.7	6.3
DLF-KB-3633	5.0	7.3	9.0	7.3	9.0	81.7	91.7	94.7	5.7	6.7	5.3	6.0	7.0	6.1
DLF-KB-3636	5.7	7.0	9.0	4.0	9.0	58.3	75.0	81.7	5.3	7.0	5.7	6.7	6.0	6.1
ACOUSTIC	2.0	6.3	8.7	3.3	9.0	58.3	76.7	86.7	5.7	6.0	6.0	6.3	6.3	6.1
PST-K17-182	6.0	6.0	8.7	8.0	8.7	51.7	70.0	83.3	4.7	6.0	6.3	7.0	6.7	6.1
J-2830	1.3	5.0	8.7	2.7	9.0	53.3	78.3	86.7	4.3	6.7	6.0	6.3	6.0	5.9
PST-K19-206	6.7	5.3	9.0	6.0	9.0	46.7	80.0	88.3	5.7	5.7	5.0	6.7	6.7	5.9
SKYLINE	7.3	4.7	9.0	3.3	8.0	48.3	78.3	93.0	5.7	6.7	5.0	7.0	5.3	5.9
J-1331	3.7	5.0	8.0	5.0	9.0	51.7	73.3	83.3	6.0	6.3	5.3	6.7	4.7	5.8
J-1249	2.0	4.0	8.7	3.7	9.0	41.7	71.7	86.7	4.3	6.0	5.7	6.7	6.0	5.7
RIGHT	4.7	3.3	8.3	5.7	9.0	38.3	46.7	68.3	4.0	6.3	5.7	6.3	6.3	5.7
A15-16	3.7	6.3	9.0	5.3	5.3	58.3	78.3	85.0	5.7	5.0	5.7	6.3	5.3	5.6
NAI-19-58	6.3	5.0	7.0	7.3	9.0	40.0	63.3	78.3	5.0	5.7	5.3	6.0	6.0	5.6
NAI-20-137	6.0	5.7	7.7	5.3	7.7	46.7	78.3	91.7	7.3	4.7	3.7	6.3	6.0	5.6
LIGHTNING	8.0	7.0	9.0	5.7	9.0	58.3	83.3	93.3	4.3	6.0	5.3	6.7	5.0	5.5
PST-K19-208	3.3	5.0	8.7	6.3	9.0	51.7	63.3	78.3	4.0	4.7	6.0	6.0	6.7	5.5
PVF-A17-842	8.7	7.3	9.0	2.0	9.0	61.7	81.7	93.0	5.3	5.7	4.7	6.0	6.0	5.5
DLF-KB-3634	7.0	5.7	9.0	5.0	6.7	51.7	83.3	93.3	6.3	4.7	4.3	6.0	5.7	5.4
RESOLUTION	5.3	4.7	8.0	5.7	8.3	46.7	76.7	88.3	6.7	4.7	3.3	6.0	6.3	5.4
A19-17	5.3	5.3	8.7	5.0	8.7	36.7	68.3	76.7	4.0	6.0	5.7	6.0	5.0	5.3
ARIES	7.3	6.0	9.0	4.3	8.7	51.7	73.3	85.0	4.7	5.7	5.0	5.7	5.7	5.3
J-2797	4.3	3.7	7.7	5.3	9.0	38.3	60.0	76.7	5.0	6.0	5.0	6.0	4.3	5.3
KENBLUE	8.7	6.7	8.3	1.0	8.0	48.3	68.3	78.3	4.3	6.0	4.7	5.7	5.7	5.3
DLF-KB-3639	4.7	5.3	8.3	1.7	9.0	50.0	73.3	86.7	4.7	5.7	5.7	5.3	4.7	5.2
PST-T15-44	8.7	7.3	6.7	4.3	9.0	60.0	73.3	80.0	5.7	6.3	6.3	4.7	3.0	5.2
STARR	5.0	5.0	8.7	3.7	9.0	45.0	70.0	83.3	4.7	4.0	5.3	6.0	5.7	5.1
DLF-KB-3640	8.3	6.7	8.7	2.0	9.0	53.3	80.0	88.3	5.0	5.0	4.0	5.3	5.7	5.0
BOMBAY	5.3	4.7	7.7	3.7	8.7	45.0	63.3	73.3	5.3	4.7	5.0	5.3	4.7	5.0

TABLE 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
(CONT'D) 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT NORTH BRUNSWICK, NJ 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/														
NAME	SPRING	SEEDLING	SUMMER	CROWN	PERCENT ESTABLISHMENT		QUALITY RATINGS							
	GREENUP	VIGOR	PATCH	RUST	SEEDHEAD	OCT 2023	APRIL	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
DLF-KB-3637	6.0	1.7	8.7	4.3	7.7	20.0	61.7	81.7	4.0	4.3	4.3	6.3	5.3	4.9
JERSEY	6.0	4.7	7.7	5.7	8.7	43.3	80.0	91.7	6.3	3.7	3.7	5.3	5.7	4.9
LTP-A21-41	6.0	4.7	8.3	3.7	8.7	38.3	78.3	83.3	4.7	5.0	3.7	5.3	5.7	4.9
MIDNIGHT	1.3	5.7	8.7	2.7	9.0	51.7	76.7	81.7	4.0	4.7	4.7	5.7	5.3	4.9
PPG-KB2108	5.0	3.3	6.3	4.7	7.3	33.3	61.7	75.0	4.7	5.7	5.0	4.7	4.3	4.9
A15-17	3.0	1.7	8.3	5.3	9.0	23.3	75.0	73.3	4.0	4.7	4.3	5.0	5.7	4.7
PROSPERITY	2.0	5.0	7.3	4.3	8.7	46.7	70.0	78.3	4.0	5.3	5.7	5.0	3.3	4.7
DLF-KB-3638	5.7	3.7	7.3	4.3	9.0	31.7	56.7	76.7	3.7	4.7	4.3	4.7	5.7	4.6
A12-293	7.0	6.3	8.0	4.0	8.0	58.3	78.3	93.0	5.3	4.7	3.3	5.0	4.7	4.6
RAD 3240	3.3	3.3	8.3	8.0	9.0	36.7	58.3	75.0	3.7	4.7	5.7	4.7	4.3	4.6
A15-14	3.3	7.0	8.7	3.3	9.0	56.7	76.7	83.3	4.0	4.7	4.3	4.3	5.0	4.5
A12-266	4.3	6.3	8.0	4.3	9.0	56.7	68.3	76.7	3.7	4.0	4.3	4.7	5.0	4.3
A21-3	4.7	4.0	7.7	3.7	8.7	28.3	58.3	73.3	3.7	3.3	4.3	4.7	4.7	4.1
NAI-21-136	6.3	2.7	8.3	7.0	9.0	26.7	66.7	80.0	4.3	3.3	3.7	4.0	5.3	4.1
PST-K19-201	4.0	6.0	5.3	7.0	9.0	41.7	60.0	75.0	4.0	4.3	4.3	3.3	3.0	3.8
BARON	4.0	3.7	7.3	4.3	9.0	45.0	65.0	81.7	3.0	3.7	3.3	4.3	4.3	3.7
SHAMROCK	7.0	5.7	7.0	4.0	8.7	55.0	80.0	93.3	4.0	3.7	3.3	4.0	3.3	3.7
A21-11	5.0	6.3	8.0	3.3	9.0	53.3	70.0	75.0	3.3	3.7	3.0	3.7	4.3	3.6
PST-K20-3	3.7	2.0	8.3	8.0	8.7	26.7	53.3	71.7	3.3	2.7	3.7	3.0	3.7	3.3
GO-Y312	4.0	3.0	6.7	3.0	3.0	26.7	58.3	73.3	2.3	3.7	2.3	2.3	3.3	2.8
A21-6	6.3	3.7	4.7	4.3	8.7	40.0	70.0	78.3	2.7	2.3	2.7	3.0	2.7	2.7
PPG-KB2107	2.3	4.3	3.3	4.0	8.7	48.3	61.7	71.7	3.0	3.0	2.3	2.3	2.3	2.6
GO-Y301	6.3	5.7	5.0	3.0	7.0	50.0	68.3	81.7	3.7	3.0	2.3	1.7	2.0	2.5
NAI-21-127	4.0	3.3	3.0	4.7	8.3	31.7	60.0	71.7	3.3	3.0	2.3	1.3	2.0	2.4
PSM-231	4.7	2.7	3.0	7.0	8.7	31.7	68.3	78.3	4.0	3.0	1.7	2.0	1.3	2.4
LSD VALUE	1.2	1.7	1.1	1.5	0.9	15.7	14.4	12.7	1.5	1.6	1.3	1.3	1.4	0.9
C.V. (%)	15.0	21.3	9.1	22.3	6.7	20.9	12.0	8.8	19.5	20.2	18.7	16.2	18.1	12.7

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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT ADELPHIA, NJ 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/																
NAME	SEEDLING VIGOR	FALL DENSITY	PERCENT GROUND COVER	CROWN RUST	STEM RUST RATINGS						QUALITY RATINGS					
			FALL		MARCH	MAY	OCTOBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DLF-KB-3633	5.7	4.7	73.3	9.0	8.7	8.3	6.3	8.7	9.0	8.7	8.7	7.0	7.0	7.0	6.0	7.8
PST-K20-1	4.3	7.0	73.3	9.0	7.7	9.0	7.0	8.3	8.7	8.7	8.3	7.7	7.3	6.0	5.7	7.6
PST-K17-182	5.7	7.0	83.3	8.7	8.3	9.0	7.7	8.3	9.0	8.3	5.7	7.3	6.7	7.3	7.0	7.5
DLF-KB-3636	4.7	6.0	86.7	7.7	8.3	7.3	8.0	9.0	7.0	7.7	7.7	7.0	7.0	7.3	6.3	7.4
A15-14	3.7	5.3	60.0	8.3	7.0	8.7	7.0	7.3	8.3	8.0	7.0	8.0	8.0	7.3	5.3	7.4
LIGHTNING	4.3	7.0	73.3	9.0	4.7	9.0	6.3	6.7	9.0	9.0	7.7	5.3	7.7	6.7	6.0	7.3
RAD 3240	2.7	5.7	76.7	9.0	5.3	9.0	6.7	7.0	8.7	8.0	7.0	8.0	7.3	6.0	6.7	7.3
DLF-KB-3634	3.7	6.0	80.0	8.3	6.7	8.7	8.0	7.3	8.0	8.3	6.7	5.3	6.3	7.0	6.7	7.0
A15-16	4.3	6.3	90.0	7.0	6.3	7.7	7.7	7.7	6.7	6.7	6.3	6.7	7.7	6.3	7.3	6.9
LTP-A21-41	4.3	6.7	93.0	7.7	6.0	6.0	9.0	7.3	5.7	6.3	7.3	7.0	6.7	6.7	7.0	6.8
NAI-21-136	1.3	6.3	89.7	9.0	8.3	9.0	8.0	7.7	6.7	6.7	5.0	5.3	8.0	7.0	7.3	6.7
DLF-KB-3640	3.3	5.3	86.7	7.0	5.3	6.0	7.3	8.7	6.3	7.3	7.3	6.3	5.7	5.3	6.0	6.6
NAI-19-58	2.3	6.7	93.0	6.0	5.0	6.3	7.7	7.0	6.7	5.3	6.0	5.0	8.0	6.3	7.3	6.5
PVF-A17-842	7.0	4.7	73.3	7.0	5.3	6.7	7.7	8.7	6.7	7.3	7.3	6.3	5.7	4.7	5.3	6.5
SKYLINE	3.7	6.3	56.7	7.7	4.3	6.3	7.3	7.0	6.3	7.0	7.7	5.7	7.0	6.0	4.3	6.4
PPG-KB2108	3.0	5.7	76.7	7.7	7.7	9.0	6.7	8.0	8.0	7.7	5.3	7.0	3.0	5.0	6.3	6.3
PST-K22-11	6.3	7.0	73.3	6.7	8.7	7.0	6.7	7.3	7.7	6.7	6.7	6.0	6.7	5.0	4.3	6.3
A12-266	6.0	4.7	50.0	6.7	6.7	7.3	5.0	6.3	7.0	7.0	8.3	6.0	6.0	4.3	4.7	6.2
BARSERATI	7.3	5.7	73.3	4.7	7.7	6.0	6.3	8.7	6.0	5.3	4.7	7.3	6.0	6.0	5.3	6.2
NAI-20-137	5.0	7.0	86.7	6.3	6.3	7.7	6.0	7.7	7.0	6.7	4.7	6.3	5.3	5.7	6.3	6.2
DLF-KB-3635	7.0	8.7	70.0	5.3	6.0	6.0	8.3	9.0	7.3	5.3	2.7	7.0	4.7	7.0	6.0	6.1
A12-293	4.7	5.0	70.0	6.7	7.3	6.0	7.7	8.0	6.0	6.7	4.0	5.3	5.3	7.3	6.3	6.1
BARON	6.0	5.3	70.0	6.3	4.7	6.7	4.3	7.0	6.7	6.3	7.3	5.7	6.0	3.7	4.7	5.9
PST-K19-208	4.3	6.3	80.0	8.7	4.7	9.0	6.3	6.0	7.3	6.7	4.7	5.7	5.7	5.7	5.7	5.9
RIGHT	3.0	5.7	76.7	7.3	5.0	9.0	5.3	5.7	7.3	6.3	4.3	6.3	5.7	5.3	5.7	5.8
PSM-231	2.0	5.7	76.7	9.0	5.7	9.0	6.7	5.3	6.7	6.3	5.3	6.3	4.7	4.3	6.3	5.7
ARIES	6.0	4.7	63.3	6.0	5.7	6.0	4.7	8.0	5.7	5.7	6.7	5.0	5.3	3.7	5.0	5.6
PST-K19-206	4.7	5.3	70.0	7.7	4.0	9.0	4.3	7.3	8.7	7.0	5.7	4.3	4.0	3.0	5.0	5.6
RESOLUTION	4.7	5.3	76.7	7.0	7.7	7.0	6.0	6.7	7.0	5.3	4.3	5.3	5.3	5.3	5.3	5.6
A19-17	2.0	4.0	63.3	4.7	7.0	4.7	4.3	6.7	5.3	3.7	4.7	7.3	5.7	6.0	5.0	5.5
STARR	4.0	5.7	80.0	5.7	4.7	6.0	4.3	7.3	6.0	5.7	5.0	6.0	5.0	4.0	5.3	5.5
DLF-KB-3639	5.7	5.0	73.3	4.7	6.3	4.7	6.3	6.0	5.3	5.3	5.0	7.0	5.0	5.0	4.7	5.4

TABLE 13.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT ADELPHIA, NJ 1/
2024 DATA

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

NAME	SEEDLING	FALL	GROUND COVER	CROWN	STEM RUST RATINGS						QUALITY RATINGS					
	VIGOR	DENSITY	FALL	RUST	MARCH	MAY	OCTOBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
JERSEY	4.0	6.3	73.3	6.0	5.7	6.7	5.7	7.0	6.3	5.7	3.7	5.3	4.0	5.3	5.3	5.3
A15-17	1.7	4.3	70.0	7.7	6.3	7.0	5.0	5.7	5.0	5.0	4.3	5.3	7.0	5.0	5.0	5.3
A21-3	2.3	4.3	63.3	6.0	4.0	7.3	3.3	4.7	5.7	5.3	4.7	6.0	6.7	4.3	4.3	5.2
BOMBAY	3.0	4.3	43.3	5.3	4.7	5.7	4.0	6.7	5.3	5.0	4.0	6.7	5.3	4.0	3.7	5.1
DLF-KB-3637	1.0	5.3	66.7	6.7	5.7	7.7	6.0	4.7	5.3	5.3	4.3	5.3	5.7	5.3	4.3	5.0
A21-11	5.0	4.3	63.3	4.7	5.3	4.3	3.7	6.3	4.0	3.7	5.0	6.3	3.7	5.0	4.0	4.8
PST-K19-201	4.7	4.3	53.3	8.0	3.7	9.0	4.7	6.7	7.3	7.7	3.7	3.7	2.3	3.0	4.3	4.8
DLF-KB-3638	2.0	4.7	63.3	5.0	5.0	6.0	5.0	4.3	4.7	4.7	5.0	5.0	5.3	4.0	4.3	4.7
ACOUSTIC	6.7	4.7	43.3	1.0	1.3	3.7	4.3	5.3	4.0	1.3	4.0	8.0	5.7	5.7	3.7	4.7
J-2797	4.7	5.3	60.0	4.0	4.0	5.0	4.0	5.3	4.7	4.0	4.7	5.3	4.3	5.0	4.0	4.7
J-1249	4.3	6.0	63.3	1.3	1.0	3.7	5.3	3.3	4.0	1.3	4.3	7.7	6.3	5.3	4.3	4.6
J-1331	3.7	5.0	40.0	4.0	3.3	5.0	4.0	4.7	4.7	3.3	4.7	6.7	4.7	4.0	3.7	4.5
A21-6	2.3	3.0	40.0	4.0	5.0	4.7	2.7	6.0	4.3	4.3	4.7	5.0	4.7	2.3	2.7	4.3
J-2830	5.7	4.3	33.3	1.0	2.0	3.0	3.7	4.3	3.7	1.7	3.7	7.7	5.0	5.3	2.7	4.3
MIDNIGHT	5.7	3.7	46.7	1.3	1.0	2.7	4.7	3.7	3.3	2.0	4.3	7.3	5.0	4.3	3.7	4.2
GO-Y312	2.0	3.0	16.7	7.3	7.7	8.0	1.7	6.0	6.0	6.7	5.3	2.7	2.7	2.0	1.7	4.1
KENBLUE	1.3	5.0	73.3	5.0	9.0	4.7	7.0	4.3	3.3	4.3	4.7	3.7	3.7	3.3	4.7	4.0
PST-T15-44	5.3	3.3	43.3	4.7	8.3	4.0	3.3	8.0	4.3	4.0	3.7	3.0	3.3	2.3	2.7	3.9
SHAMROCK	4.0	2.0	33.3	3.7	5.0	5.0	2.7	6.0	5.7	4.0	4.3	4.7	3.3	1.3	2.0	3.9
GO-Y301	5.0	2.0	23.3	6.3	5.7	6.0	2.0	7.0	4.7	5.3	5.3	2.7	2.3	1.7	1.7	3.8
PPG-KB2107	4.7	3.3	36.7	3.3	2.7	6.3	5.7	6.0	4.3	3.0	2.3	4.3	2.0	3.3	4.0	3.7
PST-K20-3	3.0	3.7	50.0	1.7	6.7	5.3	2.7	4.7	3.7	2.0	1.0	4.3	2.0	3.7	3.7	3.1
PROSPERITY	5.0	2.7	46.7	1.3	6.3	4.7	3.0	6.0	4.0	1.7	2.7	3.0	2.7	2.0	2.3	3.0
NAI-21-127	2.0	2.3	33.3	4.3	4.3	4.3	4.7	3.0	3.0	2.7	1.3	2.0	1.7	1.7	2.0	2.2
LSD VALUE	1.3	1.6	19.2	1.3	1.3	1.1	1.5	1.4	1.3	1.3	1.3	1.5	1.3	1.1	1.6	0.8
C.V. (%)	20.4	20.4	19.3	14.5	15.6	11.9	18.5	13.7	14.6	15.8	16.5	17.1	16.4	15.9	21.6	9.6

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 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT COLUMBUS, OH 1/
2024 DATA

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

NAME	LEAF	PERCENT GROUND COVER RATINGS			STEM RUST	COLOR	MAY	JUN	QUALITY RATINGS				MEAN
	TEXTURE	SPRING	SUMMER	FALL		OCTOBER			JUL	AUG	OCT	NOV	
BARSERATI	7.3	67.7	80.3	79.7	6.3	7.0	6.0	6.7	6.7	6.0	7.7	5.7	6.4
ACOUSTIC	6.7	63.7	82.3	87.7	6.7	9.0	4.7	4.7	6.0	5.7	8.3	8.3	6.3
SHAMROCK	5.7	69.0	71.0	73.7	6.7	7.3	6.0	6.0	6.0	5.7	8.0	6.0	6.3
ARIES	6.7	64.0	76.3	76.3	5.7	7.3	5.0	5.7	6.0	5.7	8.3	6.3	6.2
BARON	5.7	55.7	74.3	73.3	7.7	7.0	6.0	5.7	6.0	5.3	7.7	6.3	6.2
LIGHTNING	6.3	65.7	71.0	70.7	4.7	6.7	5.7	6.3	6.0	5.3	7.7	6.0	6.2
MIDNIGHT	5.3	48.3	81.7	89.0	7.3	9.0	5.0	4.3	6.0	5.0	9.0	8.0	6.2
NAI-19-58	6.7	58.0	79.7	57.0	5.7	7.7	5.3	5.7	7.0	6.3	7.0	6.0	6.2
RIGHT	7.7	66.3	79.7	81.0	8.0	8.7	4.7	5.7	6.3	5.3	7.3	7.7	6.2
A12-293	5.3	57.7	65.7	79.3	6.7	7.0	6.0	5.7	5.3	5.0	8.0	6.7	6.1
A21-6	6.3	68.7	72.3	74.7	6.3	7.0	5.7	6.0	5.7	5.7	7.7	6.0	6.1
BOMBAY	5.7	52.3	76.0	74.0	6.3	7.0	5.7	5.3	6.0	5.3	7.7	6.3	6.1
NAI-21-136	6.0	72.0	63.0	83.7	8.3	8.0	5.7	5.3	5.3	5.0	8.3	6.7	6.1
PST-K22-11	9.0	81.0	74.3	62.3	7.3	6.7	5.0	6.7	7.0	6.0	7.0	4.3	6.0
STARR	7.0	58.7	84.3	71.0	7.0	7.7	5.3	5.7	5.3	6.3	7.7	5.7	6.0
DLF-KB-3633	7.0	58.7	81.3	82.0	7.7	7.7	5.3	5.0	5.0	5.3	7.7	7.0	5.9
DLF-KB-3635	6.0	66.3	68.0	88.7	8.3	7.7	5.3	5.3	5.0	4.7	7.7	7.3	5.9
DLF-KB-3636	6.3	68.7	69.3	78.7	6.0	7.0	5.7	6.0	5.7	5.0	7.3	5.7	5.9
DLF-KB-3638	6.3	59.7	71.0	76.3	7.0	7.3	5.3	5.3	5.3	5.3	7.7	6.3	5.9
DLF-KB-3639	7.3	71.0	82.0	72.0	6.0	8.0	5.3	5.7	5.7	6.3	7.0	5.7	5.9
A12-266	5.3	62.3	70.7	71.0	8.0	7.3	5.7	5.0	6.0	5.3	7.7	5.7	5.9
A15-14	5.3	51.3	84.3	79.7	6.3	7.7	5.7	5.0	5.0	5.3	7.7	6.7	5.9
LTP-A21-41	7.0	55.3	72.0	77.7	7.3	6.7	5.0	5.7	6.0	5.3	7.7	6.0	5.9
PST-K19-206	7.7	57.3	70.3	72.3	7.7	8.0	5.7	5.0	5.7	5.7	7.3	6.3	5.9
RAD 3240	6.7	59.0	79.0	84.7	7.7	9.0	5.3	4.7	5.7	5.0	7.7	7.0	5.9
RESOLUTION	5.0	65.0	65.7	81.3	6.7	7.3	4.7	5.0	5.3	5.7	8.0	7.0	5.9
DLF-KB-3634	7.0	57.0	70.0	76.0	8.3	7.3	5.7	5.3	5.3	5.0	7.7	6.0	5.8
DLF-KB-3637	7.3	72.0	75.0	74.0	6.7	7.0	5.3	5.7	5.0	5.3	7.7	6.0	5.8
DLF-KB-3640	6.7	48.3	70.0	72.7	8.0	6.3	6.0	5.7	5.3	5.3	7.0	5.7	5.8
A21-11	6.3	48.0	82.3	80.3	3.7	8.0	5.3	4.7	5.3	4.7	8.3	6.7	5.8
A21-3	7.3	64.7	79.3	70.0	6.0	7.3	5.0	4.7	6.0	5.7	8.0	5.7	5.8
J-2830	7.3	49.3	77.0	85.0	6.3	9.0	4.7	4.3	5.7	5.0	7.7	7.7	5.8
PST-K17-182	6.3	59.7	62.7	84.7	8.0	7.7	5.0	4.7	5.3	4.3	7.7	7.7	5.8
PST-K20-1	7.7	67.0	82.7	84.7	5.0	8.0	4.3	4.3	5.3	5.7	7.7	7.3	5.8

TABLE 14.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT COLUMBUS, OH 1/
2024 DATA

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

NAME	LEAF TEXTURE	PERCENT GROUND COVER RATINGS			STEM RUST	COLOR OCTOBER	MAY	JUN	QUALITY RATINGS				MEAN
		SPRING	SUMMER	FALL					JUL	AUG	OCT	NOV	
PVF-A17-842	6.7	40.0	71.3	73.7	7.7	6.7	5.7	5.3	5.3	5.7	6.7	6.0	5.8
JERSEY	5.0	63.3	63.0	83.0	6.3	7.0	4.3	5.0	5.7	4.7	7.7	7.0	5.7
A15-16	5.7	58.3	83.0	76.3	7.3	8.0	5.3	4.3	5.7	5.7	7.3	6.0	5.7
A19-17	6.3	60.3	80.3	74.7	6.7	7.7	5.0	5.3	5.0	5.7	7.3	6.0	5.7
J-1249	7.0	56.0	76.7	87.7	7.3	8.7	4.0	4.7	5.3	4.7	8.0	7.7	5.7
J-1331	6.3	42.7	68.7	63.0	4.7	9.0	5.0	5.0	5.3	5.0	7.7	6.0	5.7
NAI-20-137	6.0	52.3	73.0	79.3	7.3	7.0	5.0	4.7	5.3	4.7	7.7	6.7	5.7
SKYLINE	8.3	68.7	83.0	60.7	7.3	6.7	5.0	5.7	6.0	5.7	6.7	5.3	5.7
A15-17	6.7	69.3	83.0	80.7	6.3	7.7	4.7	5.0	5.0	5.0	7.3	6.3	5.6
GO-Y312	6.3	62.0	68.7	54.0	6.7	5.3	5.3	6.0	5.3	5.3	6.7	4.7	5.6
J-2797	5.0	41.3	63.0	76.3	5.7	9.0	5.3	4.7	5.3	4.7	8.0	5.7	5.6
KENBLUE	9.0	50.3	67.3	57.0	7.3	6.0	5.7	5.7	6.0	5.3	6.0	4.7	5.6
PST-T15-44	7.0	66.3	71.3	63.7	7.7	7.7	5.3	5.3	5.3	5.3	6.7	5.3	5.6
PST-K19-201	8.0	71.0	80.0	63.7	6.7	8.3	4.7	4.7	5.7	5.3	7.3	5.3	5.5
PST-K19-208	8.0	59.3	78.0	81.7	8.7	8.0	4.0	4.3	5.7	5.0	7.7	6.3	5.5
PPG-KB2108	7.0	49.3	65.3	69.0	4.7	8.0	5.0	4.3	5.0	4.7	7.7	6.0	5.4
PSM-231	6.3	72.0	84.0	63.7	7.3	7.3	3.7	4.7	5.7	6.0	7.0	5.3	5.4
GO-Y301	5.7	50.7	62.0	53.3	5.0	6.0	4.7	5.0	5.3	5.0	6.3	5.3	5.3
NAI-21-127	6.3	44.7	69.7	71.3	8.0	7.7	4.7	4.3	5.0	4.0	7.0	5.3	5.1
PST-K20-3	7.7	69.3	78.0	84.7	6.0	8.7	3.7	4.0	5.3	4.3	6.7	6.3	5.1
PPG-KB2107	7.7	40.7	55.0	70.7	4.3	9.0	4.7	4.0	5.0	4.0	7.0	5.0	4.9
PROSPERITY	8.3	75.3	81.0	61.0	3.7	9.0	4.0	4.7	5.3	5.0	6.3	3.7	4.8
LSD VALUE	1.1	13.8	17.1	11.0	3.4	0.7	1.3	1.0	1.5	2.2	1.5	1.3	0.7
C.V. (%)	10.8	13.8	11.4	9.3	22.9	6.4	13.2	11.8	11.3	15.0	9.4	12.9	6.4

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 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER SHADE STRESS AT WOOSTER, OH 1/
2024 DATA

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

NAME	PERCENT GROUND COVER		PERCENT ESTABLISHMENT	RUST		QUALITY RATINGS					MEAN
	FALL			SEPTEMBER	OCTOBER	JUN	JUL	AUG	SEP	OCT	
PST-K20-3	76.7		48.3	1.0	1.0	4.3	5.3	5.3	6.3	6.0	5.6
JERSEY	73.3		50.0	1.7	2.3	4.3	5.0	5.7	5.7	5.0	5.1
LIGHTNING	73.3		45.0	1.0	1.0	3.7	4.0	4.7	6.0	5.3	4.8
BARSERATI	56.7		63.3	1.0	2.3	4.7	5.3	5.3	4.7	4.0	4.7
RESOLUTION	66.7		40.0	1.0	1.7	3.7	4.3	5.0	5.3	5.0	4.7
ARIES	46.7		60.0	2.0	2.7	5.0	5.3	5.7	4.3	3.7	4.6
BARON	63.3		46.7	3.0	4.0	3.7	5.0	5.7	5.0	4.0	4.6
PST-K17-182	60.0		33.3	1.0	1.0	3.7	4.0	4.7	5.3	5.0	4.6
DLF-KB-3636	60.0		50.0	1.3	2.0	4.3	4.7	4.7	4.7	4.3	4.5
DLF-KB-3635	56.7		50.0	1.7	2.0	4.0	5.0	5.0	4.3	4.0	4.4
A12-266	50.0		61.7	3.0	2.7	4.7	4.7	5.0	4.0	3.7	4.3
DLF-KB-3633	46.7		58.3	3.7	2.0	4.7	5.0	4.7	4.0	3.3	4.2
DLF-KB-3638	46.7		50.0	1.3	2.3	4.0	4.3	5.7	4.0	3.7	4.2
DLF-KB-3640	46.7		46.7	1.0	2.3	4.0	4.3	5.0	4.7	3.7	4.2
ACOUSTIC	53.3		60.0	3.0	4.3	4.7	5.0	4.7	4.0	3.3	4.2
A15-14	53.3		36.7	1.0	2.0	3.7	3.7	4.3	4.7	4.0	4.1
A15-16	46.7		48.3	2.0	2.3	4.3	4.3	5.3	4.0	3.3	4.1
BOMBAY	50.0		36.7	1.3	2.3	3.7	3.7	4.3	4.7	4.0	4.1
PST-K20-1	56.7		43.3	1.0	1.3	3.7	3.7	4.0	5.0	4.0	4.1
J-2830	46.7		46.7	3.7	4.0	4.3	5.3	4.7	3.7	3.0	4.0
PSM-231	50.0		28.3	1.0	1.0	2.3	3.3	4.3	5.3	4.3	4.0
PVF-A17-842	43.3		56.7	1.3	1.3	4.3	4.0	4.0	4.3	3.7	4.0
SHAMROCK	46.7		48.3	4.0	2.3	4.3	4.7	5.3	3.7	3.0	4.0
J-1249	46.7		41.7	2.7	3.7	4.0	4.0	5.0	4.0	3.3	3.9
PST-K19-208	56.7		38.3	1.0	1.0	3.3	3.3	4.0	4.7	4.0	3.9
DLF-KB-3639	40.0		55.0	2.7	2.7	4.0	4.7	5.3	3.3	2.7	3.8
A12-293	43.3		40.0	1.7	1.7	3.7	3.7	4.0	4.0	3.7	3.8
A21-6	40.0		45.0	1.7	2.3	4.0	3.7	4.7	3.7	3.3	3.8
NAI-20-137	53.3		33.3	2.3	2.3	2.3	3.3	4.3	4.3	4.3	3.8
PST-K19-201	43.3		33.3	1.7	1.7	3.3	4.3	4.7	4.0	3.3	3.8

TABLE 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER SHADE STRESS AT WOOSTER, OH 1/
2024 DATA

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

NAME	PERCENT GROUND COVER FALL	PERCENT ESTABLISHMENT	RUST SEPTEMBER	RUST OCTOBER	JUN	JUL	QUALITY AUG	RATINGS SEP	OCT	MEAN
PST-K19-206	53.3	36.7	1.3	1.3	3.0	3.7	4.7	4.3	3.7	3.8
STARR	56.7	40.0	1.7	1.7	3.3	3.7	3.7	4.0	4.0	3.8
J-2797	40.0	46.7	2.7	1.7	4.3	4.7	4.7	4.0	2.3	3.7
LTP-A21-41	46.7	43.3	1.7	1.3	3.7	4.0	4.0	3.7	3.3	3.7
MIDNIGHT	46.7	46.7	4.0	3.0	4.3	4.0	4.3	3.7	3.0	3.7
PROSPERITY	46.7	41.7	1.3	3.0	3.7	4.0	4.3	4.3	3.0	3.7
PST-T15-44	46.7	43.3	2.0	2.7	3.7	4.0	4.0	4.3	3.0	3.7
DLF-KB-3634	36.7	41.7	1.0	2.7	3.7	3.7	4.7	3.7	3.0	3.6
A21-11	46.7	40.0	2.0	2.7	4.0	4.3	4.3	3.7	2.7	3.6
GO-Y301	43.3	43.3	1.0	2.3	3.7	3.0	3.7	4.0	3.7	3.6
J-1331	43.3	46.7	6.0	3.0	4.3	4.3	4.3	3.0	2.7	3.6
NAI-19-58	36.7	38.3	1.7	1.0	3.3	4.0	4.3	3.7	3.0	3.6
PPG-KB2108	50.0	40.0	1.7	2.0	3.3	3.0	4.0	4.3	3.3	3.6
A15-17	43.3	26.7	2.7	2.3	3.0	3.3	4.0	3.3	3.3	3.4
RAD 3240	40.0	36.7	2.7	1.0	3.3	3.7	4.3	3.7	2.7	3.4
PPG-KB2107	36.7	35.0	3.0	2.3	3.0	3.3	4.3	3.7	2.7	3.3
PST-K22-11	30.0	46.7	6.3	1.7	3.7	4.3	4.3	2.7	2.3	3.3
GO-Y312	36.7	28.3	1.3	1.3	3.0	3.0	3.3	3.3	3.3	3.2
SKYLINE	26.7	50.0	2.7	2.0	4.0	4.0	4.0	2.7	2.3	3.2
NAI-21-136	40.0	26.7	1.0	1.3	2.7	2.3	2.7	3.7	3.3	3.0
RIGHT	36.7	16.7	1.0	1.0	2.0	2.0	2.7	4.0	3.7	3.0
A19-17	33.3	35.0	3.0	2.7	3.3	3.0	3.7	2.7	2.3	2.9
KENBLUE	36.7	38.3	3.3	2.0	3.3	3.0	3.0	3.0	2.3	2.8
A21-3	36.7	30.0	1.7	3.0	2.7	2.0	3.0	3.0	2.7	2.7
NAI-21-127	23.3	25.0	1.0	1.0	2.7	2.0	2.7	2.3	2.3	2.4
DLF-KB-3637	20.0	11.7	1.0	1.0	2.0	1.3	2.0	2.0	2.0	1.9
LSD VALUE	25.1	25.4	1.9	1.6	1.6	1.7	1.9	1.6	1.2	1.2
C.V. (%)	27.7	29.9	54.2	41.2	21.6	24.2	22.0	21.8	21.0	17.2

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 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT CORVALLIS, OR 1/
2024 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	QUALITY RATINGS				MEAN
			AUG	SEP	OCT	NOV	
LIGHTNING	4.0	4.3	5.7	6.3	6.3	5.0	5.8
DLF-KB-3635	5.3	5.3	5.3	5.7	5.3	5.0	5.3
J-1331	5.0	3.7	4.7	5.0	5.7	5.3	5.2
SKYLINE	5.7	3.7	5.0	5.3	5.3	5.0	5.2
DLF-KB-3640	4.0	3.7	4.7	5.3	5.7	4.3	5.0
DLF-KB-3634	5.7	4.0	3.7	5.3	5.3	5.0	4.8
DLF-KB-3639	5.7	3.7	4.0	5.3	5.0	4.7	4.8
A21-6	4.7	4.0	4.7	5.0	5.0	4.7	4.8
ACOUSTIC	5.7	4.0	4.3	4.7	5.0	5.0	4.8
LTP-A21-41	4.0	4.0	4.7	4.7	5.0	4.7	4.8
NAI-20-137	5.3	3.7	4.7	5.0	5.0	4.3	4.8
PST-K17-182	5.7	3.7	4.0	5.0	5.3	4.7	4.8
PST-K19-201	6.7	3.7	4.0	5.0	5.3	5.0	4.8
A21-3	6.3	3.0	4.0	5.0	5.0	4.7	4.7
A19-17	5.3	3.3	4.0	4.7	4.7	5.0	4.6
A21-11	5.0	4.0	4.0	4.7	5.3	4.3	4.6
PST-K19-208	6.0	3.3	4.0	4.7	5.0	4.7	4.6
PST-K22-11	5.0	4.0	4.0	5.0	4.7	4.7	4.6
DLF-KB-3636	5.7	3.7	3.7	5.3	5.0	4.0	4.5
DLF-KB-3638	6.0	3.7	4.0	4.7	4.7	4.7	4.5
A12-266	5.7	4.0	4.0	5.0	5.0	4.0	4.5
KENBLUE	5.7	3.3	4.0	4.7	5.0	4.3	4.5
PSM-231	6.7	2.7	3.7	4.7	4.7	5.0	4.5
J-2797	5.7	3.7	3.3	4.7	5.0	4.7	4.4
DLF-KB-3633	6.7	3.7	4.0	4.7	4.3	4.0	4.3
DLF-KB-3637	5.7	3.3	3.3	4.7	4.3	4.7	4.3
A12-293	5.3	4.0	4.0	4.3	4.7	4.3	4.3
A15-17	5.0	3.0	3.3	4.3	5.0	4.3	4.3
BARON	6.0	3.7	3.7	4.7	4.7	4.0	4.3
GO-Y301	5.0	3.3	3.7	4.7	4.7	4.0	4.3
NAI-19-58	6.3	3.0	4.0	4.0	4.7	4.3	4.3

TABLE 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
(CONT'D) 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT CORVALLIS, OR 1/
2024 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	QUALITY RATINGS				MEAN
			AUG	SEP	OCT	NOV	
PPG-KB2108	5.0	3.0	3.3	4.3	5.0	4.3	4.3
PST-K20-1	4.7	3.3	3.7	4.7	4.3	4.3	4.3
PVF-A17-842	5.7	3.3	3.3	4.7	4.7	4.3	4.3
RESOLUTION	5.3	4.0	4.0	4.7	4.7	4.0	4.3
RIGHT	6.0	3.3	3.7	4.3	4.7	4.3	4.3
SHAMROCK	5.3	4.0	4.0	4.7	4.7	4.0	4.3
BARSERATI	4.0	4.7	3.7	4.3	4.3	4.3	4.2
BOMBAY	5.7	3.0	4.0	4.3	4.0	4.0	4.1
GO-Y312	4.7	2.7	3.3	4.3	4.7	4.0	4.1
J-1249	4.7	3.3	3.0	4.7	4.7	4.0	4.1
A15-14	6.3	3.3	3.7	4.0	4.3	3.7	3.9
NAI-21-136	6.0	3.0	3.7	4.0	4.3	3.7	3.9
JERSEY	5.7	3.3	3.7	3.7	4.0	3.7	3.8
ARIES	4.3	3.7	3.3	4.0	4.0	4.0	3.8
NAI-21-127	6.3	2.7	3.3	4.0	4.3	3.3	3.8
PPG-KB2107	4.7	3.3	3.3	4.0	4.7	3.3	3.8
PST-T15-44	6.7	3.0	3.3	4.0	3.7	3.7	3.7
MIDNIGHT	5.0	3.3	3.3	3.7	3.7	3.7	3.6
A15-16	6.0	3.0	2.7	4.0	3.7	3.7	3.5
PST-K20-3	6.7	2.7	3.0	3.3	4.0	3.3	3.4
RAD 3240	7.3	2.7	2.7	3.7	3.7	3.7	3.4
J-2830	4.7	2.7	2.7	3.3	3.7	3.3	3.3
PROSPERITY	6.7	3.3	3.0	3.7	3.3	3.3	3.3
STARR	6.7	2.0	2.7	3.7	3.7	3.3	3.3
PST-K19-206	5.7	2.7	3.0	3.3	3.3	3.0	3.2
LSD VALUE	4.2	2.3	3.1	3.1	2.7	2.9	2.6
C.V. (%)	23.0	24.0	26.4	21.3	19.9	21.0	19.9

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 17. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT LOGAN, UT 1/
2024 DATA

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

NAME	GENETIC	LEAF	SUMMER	SEEDLING	QUALITY RATINGS						MEAN
	COLOR	TEXTURE	DENSITY	VIGOR	MAY	JUN	JUL	AUG	SEP	OCT	
PST-K19-208	7.3	8.0	7.7	4.7	6.0	7.7	7.0	8.7	8.7	8.3	7.7
ACOUSTIC	7.3	7.0	7.3	5.0	6.3	7.0	7.3	7.7	8.3	7.0	7.3
J-1331	7.3	6.7	7.0	4.7	6.0	8.3	6.7	7.3	7.3	6.7	7.1
MIDNIGHT	7.0	7.0	8.0	4.3	5.7	7.7	7.0	7.0	7.7	7.7	7.1
PROSPERITY	8.7	8.0	8.7	4.7	4.7	6.3	7.7	7.7	8.3	8.0	7.1
DLF-KB-3633	7.3	7.0	6.7	6.0	7.7	7.7	6.3	6.3	7.3	6.7	7.0
J-2830	7.3	7.7	8.0	4.7	5.7	6.3	6.3	7.3	8.3	7.7	6.9
J-1249	7.7	7.3	7.0	4.7	5.7	7.3	6.0	7.0	7.7	7.0	6.8
RAD 3240	9.0	7.0	7.0	4.7	6.3	7.0	6.0	6.3	7.7	7.3	6.8
DLF-KB-3635	6.0	8.0	7.7	6.0	8.0	7.3	4.7	6.7	6.3	7.3	6.7
J-2797	8.0	6.0	7.3	4.3	5.7	7.3	5.7	6.7	7.0	8.0	6.7
PST-K20-1	6.7	7.0	7.3	5.0	5.7	6.3	6.7	6.7	7.3	7.3	6.7
PST-K19-201	8.0	7.7	7.0	4.7	5.7	7.7	7.3	5.7	7.0	6.3	6.6
STARR	8.0	7.7	7.3	5.7	6.7	6.7	5.0	6.0	7.3	7.3	6.5
DLF-KB-3639	6.3	7.3	6.3	5.3	7.0	5.7	5.7	6.3	7.0	6.7	6.4
A21-11	7.3	7.7	7.7	4.3	5.3	6.7	6.3	6.7	7.0	6.7	6.4
RESOLUTION	6.3	6.3	7.0	4.3	5.0	6.7	5.7	6.7	7.0	7.3	6.4
DLF-KB-3634	7.0	6.3	6.3	5.0	6.7	6.0	5.7	5.7	7.3	6.7	6.3
JERSEY	6.7	7.0	7.3	5.3	6.0	6.7	5.3	6.0	6.3	7.7	6.3
RIGHT	8.0	7.7	7.3	4.7	4.7	6.3	5.3	6.7	8.0	7.0	6.3
BARSERATI	6.3	7.3	7.0	5.7	6.7	5.3	5.7	5.7	6.7	7.3	6.2
NAI-19-58	7.7	7.0	7.7	4.3	5.3	6.0	5.7	6.0	7.7	6.7	6.2
PST-K22-11	6.3	8.3	7.3	5.0	6.3	5.3	6.3	6.3	6.3	6.3	6.2
A15-16	6.3	6.3	6.7	4.7	5.3	6.3	5.7	6.0	6.7	6.7	6.1
PST-K17-182	8.3	6.3	7.0	5.3	6.0	5.7	5.7	5.0	7.3	7.0	6.1
PSM-231	7.0	6.3	7.3	3.3	4.7	5.7	5.7	6.0	7.7	6.3	6.0
DLF-KB-3636	6.7	6.7	5.7	5.3	6.0	6.3	5.7	4.7	6.3	6.3	5.9
ARIES	6.3	7.0	7.0	5.7	6.3	5.7	5.7	5.3	6.0	6.7	5.9
NAI-20-137	6.0	7.0	7.3	4.7	5.7	6.7	5.0	5.3	6.7	6.3	5.9
PST-T15-44	6.7	7.0	6.3	5.0	6.3	6.3	6.0	6.0	6.0	5.0	5.9
PST-K20-3	9.0	7.0	7.7	3.3	3.7	5.0	5.7	6.0	7.7	7.0	5.8

TABLE 17. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
(CONT'D) 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT LOGAN, UT 1/
2024 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	SUMMER DENSITY	SEEDLING VIGOR	MAY	JUN	QUALITY RATINGS				OCT	MEAN
A15-14	7.0	7.3	6.0	5.0	5.7	5.7	5.0	5.3	6.3	6.0	5.7	
BARON	5.3	6.7	6.3	5.0	5.3	6.3	5.7	5.7	6.0	5.0	5.7	
SHAMROCK	6.3	7.0	6.3	4.7	6.0	5.3	5.3	5.7	5.7	6.0	5.7	
A12-266	5.7	7.0	5.3	5.0	6.3	5.7	6.0	5.3	5.3	4.7	5.6	
A12-293	5.0	7.0	6.0	5.0	5.7	5.7	5.7	4.3	5.0	6.3	5.4	
LIGHTNING	6.3	6.7	6.7	4.7	5.7	4.7	5.7	5.0	5.7	6.0	5.4	
DLF-KB-3638	6.3	7.0	6.3	3.3	4.7	5.0	5.3	4.7	6.0	6.0	5.3	
A19-17	7.0	7.0	6.3	4.0	4.3	5.0	5.0	4.7	6.0	7.0	5.3	
SKYLINE	5.7	8.3	4.7	4.0	6.3	5.0	6.0	4.7	5.3	4.7	5.3	
PPG-KB2108	7.7	7.3	6.7	4.0	4.0	4.7	5.7	5.0	6.3	5.7	5.2	
BOMBAY	6.7	6.7	6.3	4.3	5.7	4.7	4.3	5.3	5.3	5.3	5.1	
PST-K19-206	6.3	7.7	6.0	5.0	5.0	5.7	5.0	4.7	5.3	5.0	5.1	
A15-17	6.3	7.3	6.3	3.3	3.0	4.3	5.0	5.0	6.0	6.3	4.9	
A21-3	6.3	7.0	6.7	2.7	3.3	4.7	5.3	5.0	6.0	5.3	4.9	
DLF-KB-3637	7.0	7.7	6.0	2.0	3.3	4.3	5.0	4.7	6.0	5.3	4.8	
LTP-A21-41	5.3	7.7	5.3	4.3	4.3	4.3	5.0	5.0	4.7	5.3	4.8	
NAI-21-136	7.3	6.3	6.0	2.7	3.0	3.3	4.0	5.0	6.7	6.7	4.8	
PPG-KB2107	7.3	7.0	7.3	4.0	3.0	4.3	4.3	5.0	6.0	6.3	4.8	
PVF-A17-842	5.3	7.3	4.7	4.7	4.7	5.0	4.7	4.0	5.0	5.7	4.8	
NAI-21-127	5.3	6.7	5.3	3.0	4.3	4.7	3.3	4.3	5.3	5.0	4.5	
DLF-KB-3640	5.3	6.7	5.0	4.3	4.3	4.3	5.0	3.3	4.7	5.0	4.4	
A21-6	6.0	6.3	6.0	3.7	3.7	4.3	4.0	4.7	4.7	5.3	4.4	
GO-Y301	5.3	5.3	5.3	4.3	4.3	4.3	4.0	4.3	4.3	3.7	4.2	
KENBLUE	4.7	8.3	3.7	4.3	3.7	2.7	4.3	3.3	4.3	4.3	3.8	
GO-Y312	4.7	6.0	5.7	3.7	3.0	3.3	3.7	3.3	4.0	4.7	3.7	
LSD VALUE	0.9	0.7	1.4	1.1	1.5	1.6	1.4	1.4	1.1	1.4	0.9	
C.V. (%)	9.0	6.6	12.8	14.8	17.6	17.1	14.9	15.9	10.9	13.2	9.7	

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 18. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT LOGAN (LOW INPUT), UT 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME	GENETIC COLOR	SEEDLING VIGOR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
MIDNIGHT	7.3	3.3	4.7	6.7	6.0	8.0	8.3	8.0	6.9
RAD 3240	9.0	3.0	4.3	7.0	6.0	7.3	8.0	7.7	6.7
DLF-KB-3633	7.3	4.3	5.3	6.0	6.3	7.3	6.7	7.7	6.6
DLF-KB-3636	7.0	3.7	5.7	7.0	6.0	6.0	6.7	7.3	6.4
ACOUSTIC	5.7	3.3	4.3	5.7	5.3	7.7	7.3	7.7	6.3
DLF-KB-3634	5.3	4.0	6.3	7.7	6.3	5.7	5.3	6.0	6.2
PST-K22-11	5.3	3.0	5.3	8.0	7.3	5.3	5.7	5.3	6.2
A21-11	6.7	3.0	3.3	5.3	6.7	7.3	6.3	7.3	6.1
DLF-KB-3635	6.3	5.3	6.0	6.7	5.3	5.7	5.3	6.7	5.9
J-1249	8.3	2.0	3.3	4.3	5.3	7.0	7.7	8.0	5.9
J-1331	6.0	2.7	4.0	5.0	6.0	7.3	6.7	6.7	5.9
PPG-KB2108	6.7	2.0	3.3	6.0	6.7	6.7	6.7	6.3	5.9
PST-T15-44	4.7	2.7	6.3	8.0	6.0	5.0	5.3	4.7	5.9
DLF-KB-3639	6.0	3.7	5.0	6.7	6.3	6.3	5.0	5.7	5.8
BOMBAY	6.0	2.0	4.0	7.0	5.7	5.3	6.0	6.7	5.8
PST-K19-208	6.3	3.0	4.0	5.7	5.3	6.3	7.3	6.0	5.8
RIGHT	6.3	2.0	3.7	6.0	5.7	6.7	6.7	6.3	5.8
JERSEY	6.3	2.7	4.3	5.3	5.3	6.3	6.0	6.7	5.7
A12-266	5.7	3.3	4.3	6.0	6.3	6.3	5.7	5.3	5.7
A15-14	7.0	2.7	4.0	5.0	6.3	6.3	6.0	6.7	5.7
J-2830	7.3	3.0	4.0	4.7	4.7	6.3	7.7	7.0	5.7
PST-K19-201	5.3	2.0	3.7	5.7	6.0	6.0	7.0	6.0	5.7
PST-K19-206	5.0	3.7	4.7	6.3	6.3	5.7	6.0	5.0	5.7
PVF-A17-842	4.0	3.0	5.0	8.3	6.3	4.7	5.0	4.7	5.7
SKYLINE	4.7	2.0	4.0	7.0	7.0	5.3	5.0	5.7	5.7
DLF-KB-3640	4.3	2.3	5.0	8.7	6.3	4.3	4.7	4.3	5.6
ARIES	5.0	3.3	4.3	5.7	6.0	5.7	5.7	6.3	5.6
J-2797	6.7	2.3	3.3	4.7	5.3	7.0	6.7	6.7	5.6
NAI-20-137	6.3	3.3	4.7	5.0	5.3	5.7	6.3	6.7	5.6
PST-K17-182	7.0	4.3	5.0	6.7	5.0	5.3	5.3	6.3	5.6
STARR	6.3	2.3	4.0	5.7	6.0	6.0	6.0	5.7	5.6
PROSPERITY	7.7	2.7	3.7	3.7	4.7	7.3	6.7	7.0	5.5
PST-K20-1	7.0	2.3	3.3	4.3	5.0	7.0	6.7	6.7	5.5

TABLE 18. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
(CONT'D) 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT LOGAN (LOW INPUT), UT 1/
2024 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	QUALITY RATINGS						
			MAY	JUN	JUL	AUG	SEP	OCT	MEAN
RESOLUTION	6.0	2.0	3.0	5.3	5.3	6.0	6.3	7.0	5.5
A12-293	5.3	3.3	5.0	7.0	5.0	5.3	4.3	6.0	5.4
A15-16	6.3	3.3	3.3	4.3	4.7	6.3	7.0	6.7	5.4
BARSERATI	4.3	4.7	4.7	6.3	6.7	4.7	4.7	5.3	5.4
LIGHTNING	5.3	3.0	4.7	7.0	6.0	4.7	4.7	5.7	5.4
NAI-21-136	7.0	1.0	3.3	4.7	6.0	6.7	5.7	6.0	5.4
A21-6	5.7	2.3	3.3	6.7	5.7	5.3	4.7	6.0	5.3
BARON	4.3	3.0	3.7	5.0	6.7	6.0	5.7	4.7	5.3
NAI-19-58	5.0	1.7	3.0	5.7	6.0	6.0	5.7	5.3	5.3
A19-17	6.0	2.0	4.0	5.3	5.7	5.3	5.0	6.0	5.2
KENBLUE	3.7	2.7	5.3	7.7	6.0	3.7	3.3	4.3	5.1
LTP-A21-41	5.0	2.7	3.3	5.7	5.7	5.0	4.7	6.0	5.1
DLF-KB-3638	6.0	1.3	3.3	4.7	5.3	5.7	5.3	5.7	5.0
DLF-KB-3637	6.7	1.3	2.7	4.0	5.0	5.3	6.0	6.3	4.9
A21-3	5.0	1.3	2.7	4.3	5.3	5.3	5.3	6.3	4.9
PSM-231	6.7	1.0	2.3	3.3	5.0	7.0	6.7	5.3	4.9
GO-Y301	4.7	2.3	4.0	6.7	4.7	4.3	4.3	5.0	4.8
SHAMROCK	5.0	2.7	4.0	5.0	5.3	4.3	5.0	5.3	4.8
A15-17	6.7	1.0	2.3	3.0	4.3	6.0	5.3	6.7	4.6
PST-K20-3	9.0	1.3	2.3	3.0	3.3	5.3	6.7	7.0	4.6
PPG-KB2107	6.7	3.0	3.3	3.0	4.3	4.7	5.3	5.7	4.4
GO-Y312	3.7	2.3	3.7	5.0	5.0	3.7	3.3	4.7	4.2
NAI-21-127	6.0	1.0	3.0	3.3	4.7	4.3	5.0	5.0	4.2
LSD VALUE	1.2	1.2	1.6	2.0	1.7	1.8	1.6	1.3	0.9
C.V. (%)	12.8	27.8	23.3	21.0	15.3	17.1	16.7	12.5	9.2

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 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT BLACKSBURG, VA 1/
2024 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
NAME	PERCENT GROUND COVER				QUALITY RATINGS					MEAN
	SPRING	APR	MAY	JUN	JUL	AUG	SEP	OCT		
DLF-KB-3635	94.3	7.0	6.3	5.7	6.7	7.7	7.3	7.3	6.9	
DLF-KB-3636	96.0	6.7	6.3	6.3	7.3	6.3	7.0	7.3	6.8	
BARSERATI	91.7	6.0	6.0	6.0	7.3	8.0	7.3	6.7	6.8	
RAD 3240	90.0	6.0	5.7	6.3	7.0	7.3	7.7	7.3	6.8	
BOMBAY	92.0	5.7	6.7	6.0	7.0	7.0	7.3	7.0	6.7	
NAI-19-58	93.3	5.7	5.7	6.3	7.0	6.7	7.3	8.0	6.7	
PVF-A17-842	93.3	6.0	6.7	6.3	7.3	7.0	6.7	6.7	6.7	
DLF-KB-3633	91.7	6.0	6.7	6.7	6.3	6.7	6.3	7.3	6.6	
DLF-KB-3640	92.7	6.7	6.7	6.3	7.0	6.0	7.0	6.7	6.6	
A15-14	90.0	6.0	6.0	6.3	7.0	6.7	7.0	7.3	6.6	
J-1249	88.3	5.3	5.7	5.3	7.7	7.0	7.3	7.7	6.6	
A12-293	93.3	6.0	6.0	6.0	7.0	6.7	7.0	6.7	6.5	
LIGHTNING	90.0	6.0	6.3	6.7	6.7	6.7	6.7	6.7	6.5	
PST-K17-182	94.3	6.3	6.3	6.3	6.3	6.0	7.0	7.0	6.5	
DLF-KB-3634	95.0	5.7	5.7	5.7	6.7	6.7	7.0	7.3	6.4	
A21-3	86.7	6.0	5.7	6.0	6.3	7.0	7.3	6.7	6.4	
A21-6	91.7	6.7	5.3	5.7	6.7	7.0	6.7	7.0	6.4	
PPG-KB2108	83.3	5.3	6.0	6.0	7.0	6.7	7.0	7.0	6.4	
KENBLUE	95.7	5.7	5.7	6.7	7.7	6.7	5.7	6.0	6.3	
MIDNIGHT	81.7	5.0	5.7	5.0	6.3	7.0	7.3	7.7	6.3	
PST-K19-201	90.0	6.0	6.3	6.3	6.7	6.0	6.3	6.3	6.3	
PST-K22-11	90.0	7.0	6.3	5.7	7.0	6.0	6.7	5.3	6.3	
STARR	84.3	6.0	5.7	5.7	6.3	6.7	7.0	6.7	6.3	
A19-17	88.3	6.0	5.3	5.3	6.3	6.7	6.7	7.3	6.2	
NAI-20-137	93.3	6.3	5.3	5.7	6.3	6.0	6.7	7.3	6.2	
SHAMROCK	88.3	6.3	5.7	5.7	6.3	6.0	7.0	6.7	6.2	
DLF-KB-3637	86.7	6.0	5.0	5.3	6.0	6.7	7.0	7.0	6.1	
A12-266	86.7	5.7	5.3	5.3	6.7	6.3	7.0	6.3	6.1	
A21-11	83.3	5.0	5.3	5.3	6.0	6.3	7.3	7.3	6.1	
ARIES	92.7	5.7	5.7	6.0	6.0	6.0	6.7	6.7	6.1	
BARON	85.0	5.3	5.3	5.7	6.7	6.7	6.7	6.3	6.1	
J-1331	83.3	5.3	5.3	5.3	6.7	6.0	7.0	7.0	6.1	
NAI-21-136	88.3	5.7	5.0	6.0	5.3	7.3	6.0	7.3	6.1	

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
(CONT'D) 2023 NATIONAL KENTUCKY BLUEGRASS TEST AT BLACKSBURG, VA 1/
2024 DATA

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

NAME	PERCENT GROUND COVER				QUALITY RATINGS					
	SPRING	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN	
PST-K19-206	91.7	6.0	5.3	6.3	6.0	5.7	6.3	7.0	6.1	
PST-K19-208	85.0	5.7	5.7	6.0	6.3	6.0	7.0	6.3	6.1	
RESOLUTION	93.3	5.7	5.3	6.0	6.3	6.7	6.3	6.7	6.1	
DLF-KB-3639	90.0	5.7	5.0	6.0	6.3	6.0	6.7	6.7	6.0	
JERSEY	86.7	5.7	5.0	5.0	6.3	6.3	6.7	7.0	6.0	
A15-16	92.7	6.3	5.0	6.0	6.0	6.7	6.3	6.0	6.0	
A15-17	86.7	5.3	5.3	5.0	6.3	6.3	6.7	7.0	6.0	
ACOUSTIC	85.0	5.0	5.7	5.0	6.0	6.0	7.3	7.0	6.0	
GO-Y301	83.3	5.7	5.7	6.0	6.3	5.7	6.3	6.3	6.0	
J-2830	83.3	5.0	4.7	4.7	7.0	6.3	7.3	7.0	6.0	
LTP-A21-41	89.3	6.0	5.7	5.3	6.7	5.7	6.7	6.0	6.0	
RIGHT	93.3	5.7	5.7	6.0	6.0	6.0	6.3	6.3	6.0	
SKYLINE	95.0	5.7	6.3	5.7	6.7	5.7	6.0	6.3	6.0	
DLF-KB-3638	90.0	5.3	5.0	5.3	6.0	6.3	7.0	6.3	5.9	
PROSPERITY	78.3	5.0	4.7	5.0	6.7	7.0	6.7	6.3	5.9	
PST-K20-1	83.3	5.3	5.0	5.3	6.3	6.0	7.0	6.0	5.9	
GO-Y312	81.7	5.0	5.3	5.7	5.7	6.3	6.7	6.0	5.8	
J-2797	90.0	5.0	5.7	5.0	6.0	5.3	6.7	7.0	5.8	
PST-K20-3	85.0	5.0	5.3	5.3	6.0	6.3	7.0	5.7	5.8	
PST-T15-44	93.3	5.7	5.0	5.0	6.7	6.0	6.3	6.0	5.8	
NAI-21-127	83.3	5.3	4.7	5.0	6.3	6.0	5.7	6.3	5.6	
PPG-KB2107	85.0	5.0	5.0	5.0	6.3	6.3	6.0	5.3	5.6	
PSM-231	83.3	5.0	5.3	5.3	5.7	6.0	6.0	6.0	5.6	
LSD VALUE	11.7	1.1	1.0	1.1	1.7	2.2	1.3	2.1	0.7	
C.V. (%)	6.1	10.1	9.7	10.3	10.4	12.0	8.6	12.2	5.7	

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 20. SEEDLVIG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN THE
2023 NATIONAL KENTUCKY BLUEGRASS TEST AT MADISON, WI 1/
2024 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	SEEDLING VIGOR	NAME	SEEDLING VIGOR
DLF-KB-3635	8.0	PST-K20-1	6.0
DLF-KB-3633	7.3	PST-T15-44	6.0
DLF-KB-3636	7.3	ARIES	5.7
A12-293	7.3	J-1249	5.7
BARSERATI	7.3	LIGHTNING	5.7
DLF-KB-3639	7.0	BOMBAY	5.3
DLF-KB-3640	7.0	J-1331	5.3
A15-14	7.0	RESOLUTION	5.3
PST-K19-206	7.0	PSM-231	5.0
PVF-A17-842	7.0	SKYLINE	5.0
A21-11	6.7	STARR	5.0
ACOUSTIC	6.7	A19-17	4.7
J-2797	6.7	A21-3	4.3
MIDNIGHT	6.7	A21-6	4.3
SHAMROCK	6.7	NAI-19-58	4.3
DLF-KB-3634	6.3	PPG-KB2107	4.3
JERSEY	6.3	RIGHT	4.3
A12-266	6.3	DLF-KB-3638	4.0
A15-16	6.3	KENBLUE	4.0
LTP-A21-41	6.3	NAI-21-127	4.0
NAI-20-137	6.3	GO-Y312	3.7
PPG-KB2108	6.3	NAI-21-136	3.7
PST-K17-182	6.3	PST-K20-3	3.7
PST-K19-208	6.3	RAD 3240	3.7
PST-K22-11	6.3	A15-17	3.3
BARON	6.0	DLF-KB-3637	3.0
GO-Y301	6.0		
J-2830	6.0		
PROSPERITY	6.0	C.V. (%)	14.7
PST-K19-201	6.0	LSD VALUE	1.3

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.

3/ PLOT WAS RESEDED SEPTEMBER 4, 2024.