

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT FORT COLLINS, CO 1/  
2021 DATA

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

NAME	TURFGRASS QUALITY							QUALITY RATINGS			MEAN
	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SUMMER DENSITY	COLOR NOVEMBER	MOW QUALITY	APR	MAY	JUN	JUL	
BLUE HORNET (PPG-FO-102)	6.0	5.7	8.3	7.0	6.0	6.0	3.0	4.3	6.0	6.3	4.9
DLFPS-FL-3104	7.0	6.3	7.3	6.7	6.3	6.3	3.3	3.7	6.0	6.0	4.8
SPHD-20	6.7	6.3	8.0	6.7	6.3	7.0	2.7	4.0	6.0	6.7	4.8
DA5-RHF	6.3	7.0	7.3	7.0	6.3	6.3	3.3	4.0	5.7	6.3	4.8
NAI-HTB2	6.3	7.3	7.7	6.7	6.7	6.7	3.0	3.3	6.0	6.7	4.8
BAR FRC 123	6.0	6.3	8.7	7.0	6.0	6.7	2.7	3.7	6.7	5.3	4.6
COMPASS II	6.0	6.3	7.3	6.7	6.0	7.3	2.7	3.3	6.0	6.0	4.5
PST-4SHAD	6.0	7.0	7.3	6.3	6.0	7.3	2.7	3.3	6.3	5.7	4.5
PVF-PDB-2020	6.0	7.3	8.3	5.7	5.7	6.7	3.0	3.3	6.0	5.7	4.5
NAI-HAQ1+2	6.0	7.0	7.7	6.3	6.0	7.3	3.3	4.7	4.7	5.0	4.4
GLADIATOR	6.7	6.0	7.7	6.0	5.3	6.7	2.3	3.7	5.7	5.7	4.3
BAR FRC 130	5.0	5.0	8.0	6.7	6.0	7.0	2.0	2.7	6.3	6.3	4.3
BAR FT 132	6.7	6.7	7.7	7.0	6.0	6.7	2.7	3.3	5.7	5.7	4.3
BAR FT 135	6.0	7.0	6.3	6.0	5.7	6.0	3.3	3.7	4.7	5.3	4.3
NAI-CHU1	5.7	6.3	7.7	6.3	5.7	6.3	2.7	3.0	6.3	5.3	4.3
PPG-FRC-130	6.3	6.3	8.0	6.0	5.7	7.7	2.7	3.3	5.7	5.3	4.3
PVF-HSY+	6.0	7.3	7.0	5.3	6.3	7.3	3.0	3.3	5.7	5.3	4.3
QUATRO	6.7	5.3	8.0	6.3	6.0	6.7	2.7	3.7	5.7	4.7	4.2
5Z5	6.7	7.0	7.0	6.3	6.7	6.3	2.3	3.0	5.7	5.7	4.2
PST-4SWTM	5.3	7.3	7.7	6.3	5.7	7.7	2.7	3.0	5.7	5.3	4.2
PPG-FRC 127	5.7	6.0	7.0	5.3	6.3	6.3	2.3	3.3	5.7	5.0	4.1
PPG-FRR-134	6.0	6.7	7.0	6.0	6.0	7.0	2.3	2.7	5.7	5.7	4.1
STB1	6.0	6.7	7.3	4.7	6.0	7.3	2.3	3.0	6.0	5.0	4.1
BRITTANY 2	6.0	5.3	7.3	7.0	6.7	7.3	2.0	3.3	6.0	4.7	4.0
PVF-MVP-2020	5.7	5.7	7.3	6.0	6.3	7.0	2.0	3.0	5.7	5.0	3.9
RAD-FC59	6.7	5.7	7.3	6.0	6.7	6.7	2.0	2.7	5.7	5.3	3.9
RAD-FR64	7.0	7.3	7.3	6.3	5.7	6.3	2.3	3.0	5.0	5.3	3.9
RESOLUTE	6.7	6.3	7.3	6.0	6.0	7.0	2.3	3.0	4.7	5.0	3.8
DLF-FRR-3128	6.3	6.3	7.0	5.3	6.3	6.7	2.3	2.7	5.3	4.7	3.8
DLFPS-FRC-3105	5.0	6.7	7.3	6.3	5.0	5.7	2.7	3.3	4.3	5.0	3.8
PPG-FL 128	6.3	6.3	7.3	5.7	6.7	7.3	2.3	3.3	4.7	5.0	3.8
PPG-FRR 127	6.3	6.7	7.3	5.3	6.3	6.7	2.7	3.0	4.7	4.7	3.8
PPG-FRR 132	6.0	7.0	6.3	5.3	6.7	6.7	2.3	3.0	5.0	5.0	3.8
FOXFIRE 2	6.3	7.3	7.0	5.0	6.7	7.3	2.3	2.3	5.3	4.7	3.7
SEABREEZE GT	5.0	6.7	7.3	6.7	5.0	5.3	3.0	3.0	4.7	4.0	3.7
JAMESTOWN VII	6.0	5.0	7.3	5.3	6.0	6.0	2.0	3.0	4.7	5.0	3.7
BAR FO 131	7.0	5.3	7.3	6.7	5.7	5.7	2.0	2.7	4.7	5.0	3.6
BYE	5.7	6.7	7.7	5.0	6.0	6.7	2.0	2.7	5.0	4.7	3.6
5Z2	6.7	6.3	6.7	5.3	6.0	7.0	2.0	3.0	4.3	4.7	3.5
CARDINAL II	5.7	6.7	7.0	4.7	6.0	6.3	2.0	2.7	5.0	4.3	3.5
KEVIN	6.0	5.3	6.7	5.3	6.7	6.7	2.0	3.0	4.3	4.3	3.4
BAR FRL 122	6.0	5.7	7.3	5.7	5.3	6.0	2.0	2.7	4.3	4.3	3.3
BOREAL	3.7	5.7	6.7	3.7	6.3	6.0	2.3	3.3	4.3	3.3	3.3
LSD VALUE	1.3	2.1	2.1	2.8	2.7	2.4	0.9	1.2	3.4	3.6	1.4
C.V. (%)	11.5	14.1	10.2	18.0	12.5	12.6	18.8	18.3	19.8	21.6	14.2

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

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

TABLE 2.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT STORRS, CT 1/  
2021 DATA

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

NAME	GENETIC COLOR	FALL DENSITY	QUALITY RATINGS								MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
STB1	6.7	6.7	5.3	6.7	5.7	6.7	6.3	6.7	7.7	7.3	6.5
NAI-CHU1	6.0	7.7	5.7	6.3	6.7	6.7	5.7	5.3	7.3	6.3	6.3
BRITTANY 2	5.7	7.0	5.7	7.0	8.0	6.3	5.3	5.0	6.0	5.3	6.1
DLFPS-FRC-3105	6.0	7.0	4.7	6.0	6.0	6.0	6.7	6.3	7.0	6.3	6.1
5Z2	7.0	7.3	4.3	5.3	5.3	6.7	6.3	6.7	7.0	6.7	6.0
COMPASS II	6.0	7.3	4.3	5.7	6.0	6.3	6.3	6.0	6.3	7.0	6.0
PVF-HSY+	7.0	7.0	4.7	5.7	5.3	6.7	6.3	6.7	6.3	6.3	6.0
PVF-MVP-2020	5.7	6.7	5.3	5.3	6.3	6.3	6.0	5.7	6.3	6.7	6.0
KEVIN	6.3	5.0	5.7	7.0	6.3	6.0	5.7	5.0	5.7	6.0	5.9
RAD-FC59	7.0	6.7	4.3	5.3	5.7	6.7	6.0	6.0	6.3	6.7	5.9
BAR FRC 123	5.3	7.3	5.0	6.7	6.3	6.3	5.7	5.0	5.7	6.0	5.8
5Z5	5.7	5.7	4.3	5.0	5.3	6.3	6.0	5.7	6.3	7.3	5.8
BAR FRC 130	6.0	7.0	5.0	6.0	6.3	5.7	5.0	5.3	6.3	6.3	5.8
PST-4SWTM	6.7	6.7	5.3	5.7	5.3	6.0	5.7	6.0	6.7	6.0	5.8
BYE	6.0	7.0	4.3	5.0	5.0	6.7	5.7	5.7	6.7	6.3	5.7
CARDINAL II	7.7	7.0	5.0	5.3	5.0	6.0	6.3	5.7	6.0	6.0	5.7
PPG-FL 128	6.3	7.3	5.0	5.7	5.3	7.0	5.0	5.0	6.0	6.3	5.7
PPG-FRC-130	6.7	6.3	5.0	6.0	5.7	6.0	5.7	5.0	6.0	6.3	5.7
PST-4SHAD	5.7	7.0	5.3	6.7	6.7	6.0	5.7	4.7	5.0	5.7	5.7
PPG-FRR 127	5.7	6.7	4.7	5.7	5.7	5.3	5.0	6.0	6.3	6.0	5.6
RAD-FR64	8.0	5.3	4.3	6.0	5.3	5.7	5.3	6.0	6.3	6.0	5.6
JAMESTOWN VII	6.0	7.3	5.3	6.0	6.3	6.0	5.3	4.7	5.3	5.3	5.5
DLF-FRR-3128	7.0	5.7	4.3	5.7	5.3	6.0	5.3	5.7	6.0	5.0	5.4
PPG-FRR 132	6.3	7.0	5.3	6.0	5.0	5.7	4.7	4.7	5.3	5.3	5.3
PPG-FRR-134	5.7	6.0	3.7	5.3	5.3	6.3	5.0	5.0	6.0	6.0	5.3
FOXFIRE 2	7.0	5.3	3.3	4.0	4.3	6.7	5.3	6.0	5.7	6.0	5.2
BAR FRL 122	6.0	6.3	4.7	5.7	5.0	5.7	5.0	4.7	5.0	5.3	5.1
PPG-FRC 127	6.0	6.7	4.7	5.3	5.3	5.3	4.7	4.3	5.0	6.0	5.1
GLADIATOR	5.7	6.7	4.7	5.7	5.7	5.7	4.0	4.3	4.7	5.3	5.0
BAR FO 131	6.7	5.7	3.0	4.7	4.0	5.3	5.3	5.3	6.0	6.0	5.0
SEABREEZE GT	6.0	5.3	4.0	5.7	5.3	5.3	4.0	4.7	5.3	5.0	4.9
BOREAL	7.7	4.3	5.3	7.3	5.0	4.7	3.7	4.0	4.3	4.3	4.8
DA5-RHF	5.7	7.3	4.7	5.0	3.7	4.7	4.7	5.0	5.0	5.0	4.7
BAR FT 132	5.0	5.7	4.3	5.0	4.3	5.0	3.7	4.3	5.0	5.0	4.6
DLFPS-FL-3104	5.3	5.7	4.7	5.7	4.3	4.3	3.3	4.3	4.7	4.7	4.5
BLUE HORNET (PPG-FO-102)	6.7	5.7	5.3	6.3	4.3	4.0	3.3	4.0	4.0	4.3	4.5
SPHD-20	7.0	5.3	5.0	5.3	4.0	3.7	3.0	4.0	5.0	5.0	4.4
BAR FT 135	6.3	5.0	5.0	6.0	4.3	4.0	3.3	3.7	4.3	4.7	4.4
QUATRO	5.7	7.7	4.7	5.3	4.3	5.0	3.3	3.3	4.0	4.3	4.3
PVF-PDB-2020	6.0	6.3	5.0	5.0	4.3	4.0	3.7	4.0	4.0	4.7	4.3
NAI-HAQ1+2	5.7	7.0	4.0	5.0	4.0	4.0	3.0	3.7	4.7	4.7	4.1
RESOLUTE	5.3	6.3	3.3	4.3	3.0	4.3	3.3	3.7	4.7	4.3	3.9
NAI-HTB2	4.7	6.0	3.7	4.3	3.3	3.7	3.0	4.0	4.7	4.3	3.9
LSL VALUE	3.5	2.1	1.4	1.8	1.9	2.4	2.7	2.3	3.6	4.3	2.0
C.V. (%)	18.5	15.6	15.3	15.5	20.0	20.7	27.1	21.9	23.9	24.0	16.8

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

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

TABLE 3.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT NEWARK, DE 1/  
2021 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/								
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PPG-FL 128	6.7	7.7	7.7	7.3	7.7	7.7	7.3	7.0	7.4
DLFPS-FRC-3105	6.7	6.7	6.3	7.0	7.3	7.0	7.3	6.0	6.8
BAR FT 135	6.7	6.7	6.7	6.3	5.7	7.3	7.3	7.0	6.7
DLFPS-FL-3104	5.7	6.0	6.0	6.0	7.0	7.3	7.3	6.7	6.5
PPG-FRC-130	7.0	7.3	6.7	6.0	6.7	6.3	6.0	6.0	6.5
PPG-FRR 132	6.3	6.7	6.3	6.0	6.7	7.0	7.3	6.0	6.5
PVF-MVP-2020	7.0	7.0	6.3	6.0	6.0	7.0	6.7	6.3	6.5
BAR FO 131	7.0	6.7	6.7	6.3	6.3	6.3	6.3	5.7	6.4
STB1	6.3	6.3	6.7	6.0	5.7	6.3	6.7	6.0	6.3
FOXFIRE 2	6.3	6.3	5.7	6.0	5.3	6.7	7.0	6.3	6.2
SPHD-20	5.3	6.3	5.7	5.7	7.0	7.0	6.7	6.0	6.2
BAR FRL 122	6.3	6.7	6.3	5.7	6.0	6.0	6.3	6.0	6.2
DLF-FRR-3128	6.3	6.0	6.3	5.3	6.3	6.7	6.7	6.0	6.2
PPG-FRC 127	7.3	7.0	7.3	4.7	5.7	5.7	6.0	5.7	6.2
RESOLUTE	5.3	6.7	6.0	5.3	6.0	6.7	6.7	6.0	6.1
NAI-HTB2	5.3	6.3	6.3	5.7	6.0	6.7	6.0	5.3	6.0
5Z2	6.7	6.0	6.0	5.0	5.3	6.3	6.3	5.7	5.9
NAI-HAQ1+2	5.7	6.3	5.7	5.7	6.0	6.3	6.3	5.3	5.9
JAMESTOWN VII	6.3	6.3	5.7	5.3	6.0	5.7	5.3	5.3	5.8
PPG-FRR-134	5.3	5.7	6.0	5.3	6.0	6.3	6.3	5.7	5.8
RAD-FR64	6.7	6.3	5.0	5.3	6.0	6.0	6.0	5.3	5.8
GLADIATOR	4.7	5.7	5.7	5.3	6.3	6.3	6.0	5.3	5.7
BAR FRC 123	6.3	6.3	5.3	5.0	6.0	5.7	5.3	4.7	5.6
BRITTANY 2	6.0	6.0	5.7	5.0	5.3	6.0	5.7	5.0	5.6
NAI-CHU1	6.3	6.3	6.0	4.3	5.3	6.0	5.3	5.3	5.6
BYE	6.3	6.7	5.3	4.3	5.7	5.3	5.0	5.0	5.5
COMPASS II	7.0	6.0	5.7	4.7	5.3	5.3	5.7	4.7	5.5
SEABREEZE GT	5.7	5.7	5.3	4.3	5.0	6.3	5.7	5.3	5.4
PST-4SHAD	6.0	6.3	5.3	6.0	5.0	4.7	5.3	4.7	5.4
BLUE HORNET (PPG-FO-102)	5.3	5.3	5.3	5.3	5.7	5.7	5.3	4.3	5.3
CARDINAL II	6.0	6.0	5.7	4.0	4.7	5.7	5.7	5.0	5.3
PST-4SWTM	6.3	6.0	6.0	5.3	4.7	5.3	4.7	4.3	5.3
PVF-PDB-2020	5.0	5.7	4.7	5.3	5.7	6.0	5.3	5.0	5.3
DA5-RHF	5.0	4.7	4.7	5.0	5.0	5.3	6.0	5.0	5.1
PVF-HSY+	5.3	5.3	5.0	4.7	5.3	5.3	5.3	4.3	5.1
5Z5	5.3	5.7	4.7	4.7	5.0	5.0	5.0	5.0	5.0
BAR FRC 130	6.7	6.3	6.0	4.0	4.3	4.3	4.0	3.7	4.9
BAR FT 132	5.3	5.3	4.7	4.7	4.7	5.7	4.7	4.3	4.9
KEVIN	5.3	5.3	5.3	4.7	4.7	4.7	4.7	4.3	4.9
PPG-FRR 127	6.3	5.7	5.0	3.3	4.7	4.7	5.0	4.7	4.9
QUATRO	4.7	4.7	6.0	4.0	4.3	4.7	4.3	4.3	4.6
RAD-FC59	5.7	5.7	5.3	3.3	3.3	3.7	3.3	3.0	4.2
BOREAL	4.7	5.0	5.3	3.7	3.7	3.3	3.3	3.3	4.0
LSD VALUE	2.5	3.3	5.8	6.0	7.0	5.7	5.3	5.7	4.7
C.V. (%)	16.5	17.1	23.8	31.1	31.2	27.9	28.4	29.9	22.2

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 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE 2020 NATIONAL FINELEAF FESCUE TEST AT AMES, IA 1/ 2021 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS								MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
BRITTANY 2	6.7	7.7	7.3	7.0	6.3	7.0	6.3	6.7	7.0	6.7	6.8
RESOLUTE	6.3	7.0	7.0	6.3	7.0	6.7	7.0	6.3	7.7	6.0	6.8
BAR FO 131	5.7	6.0	6.7	6.7	6.3	7.3	6.3	7.3	7.3	6.7	6.8
BAR FT 132	7.3	7.3	7.3	6.7	6.0	6.3	6.3	7.0	7.7	7.0	6.8
CARDINAL II	7.3	7.7	7.0	7.0	6.3	7.0	6.7	6.7	7.0	7.0	6.8
DLF-FRR-3128	7.0	7.3	7.0	7.0	6.7	6.7	6.7	6.7	7.3	6.0	6.8
PPG-FRR 127	7.3	7.0	7.0	7.0	7.0	6.7	6.7	6.7	6.7	6.3	6.8
PST-4SHAD	6.3	7.3	7.3	6.3	6.3	7.3	6.3	7.0	7.3	6.3	6.8
RAD-FC59	6.7	6.3	6.7	7.0	7.0	7.0	6.3	6.3	7.0	6.7	6.8
DLFPS-FL-3104	6.0	5.3	6.7	6.3	6.3	6.3	6.7	7.0	7.0	7.0	6.7
5Z2	6.0	6.0	6.3	7.0	6.3	7.3	6.7	6.3	7.3	6.3	6.7
DA5-RHF	6.3	6.0	7.0	6.3	6.7	7.0	7.0	6.3	7.0	6.0	6.7
PPG-FRR 132	7.0	8.0	7.3	7.0	6.3	6.3	6.7	6.3	7.0	6.3	6.7
PVF-HSY+	6.7	8.0	7.0	7.0	6.7	6.7	6.0	6.7	7.0	6.3	6.7
STB1	7.3	6.7	7.0	7.3	6.3	7.3	6.0	6.7	6.7	6.3	6.7
FOXFIRE 2	6.7	7.3	7.0	6.7	6.0	7.0	6.0	6.3	7.3	6.7	6.6
GLADIATOR	5.0	6.0	7.3	6.0	6.7	6.0	6.7	6.3	7.3	6.3	6.6
SPHD-20	6.7	5.3	5.7	6.7	6.3	6.7	7.0	6.7	7.0	7.0	6.6
BYE	6.3	7.0	7.3	6.3	6.3	6.3	6.7	6.7	7.0	6.0	6.6
JAMESTOWN VII	6.3	6.7	6.7	7.0	6.0	6.3	6.0	6.7	7.3	6.7	6.6
KEVIN	6.3	7.7	7.3	6.3	6.3	7.0	6.0	6.7	7.0	6.3	6.6
QUATRO	6.3	6.7	6.7	7.0	6.0	6.3	6.0	7.0	7.0	6.3	6.5
BAR FRC 130	5.3	6.0	6.3	6.3	6.0	6.3	7.0	6.3	7.3	6.0	6.5
BOREAL	4.7	5.7	6.7	6.3	6.0	6.7	6.3	7.0	6.7	6.0	6.5
COMPASS II	6.0	6.3	6.7	6.7	6.7	6.3	6.0	6.0	7.3	6.0	6.5
NAI-CHU1	4.7	5.7	7.0	6.0	5.7	6.3	6.0	6.7	7.7	6.3	6.5
NAI-HAQ1+2	6.0	5.3	6.3	6.0	6.3	6.7	6.7	7.0	7.0	6.3	6.5
NAI-HTB2	6.3	5.7	6.3	7.0	7.0	6.7	6.0	6.3	6.7	6.0	6.5
PPG-FL 128	5.3	5.7	7.0	6.3	6.3	6.3	6.3	6.7	7.0	6.0	6.5
PPG-FRC-130	5.7	5.7	6.0	6.3	6.0	6.3	6.7	6.3	7.3	6.7	6.5
PPG-FRR-134	6.7	7.0	7.0	6.7	6.0	6.3	6.7	6.7	6.7	6.3	6.5
PST-4SWTM	7.0	6.7	6.3	7.0	6.3	6.7	6.3	6.0	7.0	6.0	6.5
PVF-MVP-2020	5.7	6.0	6.0	6.3	6.7	6.7	6.7	6.0	7.7	6.0	6.5
PVF-PDB-2020	5.3	5.3	6.3	6.0	6.7	6.7	6.7	6.7	7.0	6.3	6.5
5Z5	6.3	6.7	6.7	6.3	6.3	6.7	6.0	6.7	6.7	6.0	6.4
BAR FT 135	5.3	5.7	6.7	6.7	6.0	5.3	6.3	6.7	7.3	6.3	6.4
PPG-FRC 127	4.3	6.0	6.7	6.0	6.7	6.7	6.3	6.0	7.0	6.0	6.4
BAR FRC 123	4.0	5.0	6.0	6.0	6.0	7.0	6.0	6.3	7.0	6.0	6.3
SEABREEZE GT	5.7	6.0	6.7	6.7	6.3	6.7	6.3	5.7	6.3	6.0	6.3
BLUE HORNET (PPG-FO-102)	4.3	4.7	6.3	6.3	6.0	6.3	6.3	6.0	7.0	6.0	6.3
DLFPS-FRC-3105	5.7	6.0	6.3	6.3	5.3	6.7	6.7	6.3	7.0	6.0	6.3
RAD-FR64	5.0	4.7	6.3	6.0	6.0	6.3	6.0	6.7	7.3	5.7	6.3
BAR FRL 122	5.3	4.7	5.7	5.7	6.3	6.0	6.7	6.3	6.7	5.7	6.1
LSD VALUE	2.5	3.7	1.8	1.6	1.3	1.2	1.5	1.5	1.8	1.0	0.8
C.V. (%)	18.5	21.3	9.8	9.0	7.9	7.9	7.8	8.0	7.5	7.2	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 4.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT AMES, IA 1/  
2021 DATA

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

NAME	DENSITY RATINGS			PERCENT GROUND COVER			COLOR	COLOR	COLOR
	SPRING	SUMMER	FALL	SPRING	SUMMER	FALL	SEPTEMBER	OCTOBER	NOVEMBER
BRITTANY 2	6.0	6.7	7.0	98.3	86.0	97.7	5.3	6.3	6.7
RESOLUTE	6.0	7.7	6.3	98.3	76.0	97.0	5.0	6.3	6.3
BAR FO 131	5.0	6.7	7.3	99.0	72.3	95.7	6.0	7.3	6.3
BAR FT 132	5.3	5.3	7.3	94.0	77.0	95.3	6.0	7.7	7.0
CARDINAL II	6.0	6.0	6.7	92.3	85.7	93.0	6.0	7.3	7.3
DLF-FRR-3128	5.3	6.7	6.0	95.0	77.0	96.0	5.7	6.7	6.0
PPG-FRR 127	4.7	7.7	7.0	98.3	69.3	96.0	5.3	5.7	6.3
PST-4SHAD	6.7	6.7	7.3	95.7	82.7	94.7	5.3	6.7	5.7
RAD-FC59	4.7	8.0	6.0	99.0	77.7	97.7	5.0	7.3	7.0
DLFPS-FL-3104	5.7	6.0	6.7	96.7	90.0	97.7	5.7	6.7	6.7
5Z2	5.7	5.3	6.0	92.3	88.3	98.3	4.7	6.3	6.0
DA5-RHF	5.7	6.7	5.7	97.7	86.0	98.3	5.0	6.0	6.0
PPG-FRR 132	6.0	6.3	7.0	97.0	69.3	93.7	5.0	6.0	6.0
PVF-HSY+	5.0	7.0	6.7	94.3	91.0	97.7	4.7	5.7	6.0
STB1	5.7	6.7	6.3	98.7	82.0	97.3	5.0	6.3	6.3
FOXFIRE 2	5.7	6.0	5.3	94.0	85.7	95.7	5.0	6.0	6.3
GLADIATOR	6.3	7.3	6.3	98.0	89.7	97.7	4.7	6.0	6.3
SPHD-20	5.7	5.7	6.3	87.7	82.0	97.3	5.3	6.7	7.0
BYE	5.7	5.7	6.7	95.3	85.3	98.0	4.3	5.3	5.0
JAMESTOWN VII	4.7	6.0	6.0	97.0	76.7	95.0	6.0	7.0	7.3
KEVIN	6.0	7.0	7.0	95.3	72.7	93.7	5.3	6.3	5.7
QUATRO	4.7	6.3	8.0	99.0	65.3	95.3	5.3	6.7	6.0
BAR FRC 130	5.0	6.0	6.3	98.7	70.3	97.0	5.0	6.7	5.7
BOREAL	6.0	6.0	7.3	95.7	72.7	86.3	6.7	5.7	5.7
COMPASS II	4.7	7.0	5.0	98.7	79.3	97.7	4.3	6.3	5.3
NAI-CHU1	6.7	5.0	6.3	97.0	93.0	98.3	4.0	6.7	6.0
NAI-HAQ1+2	5.3	7.0	7.0	89.0	93.3	97.7	5.3	6.7	6.3
NAI-HTB2	4.7	7.0	5.7	99.0	80.3	98.3	4.7	6.0	6.0
PPG-FL 128	5.3	7.0	7.0	98.3	77.7	95.0	5.3	6.7	6.0
PPG-FRC-130	5.0	5.0	6.0	98.7	94.7	97.7	4.7	6.7	6.3
PPG-FRR-134	6.7	6.0	7.0	93.7	84.7	97.3	5.0	5.7	6.3
PST-4SWTM	5.0	6.0	5.7	95.0	88.7	98.3	4.3	7.0	5.7
PVF-MVP-2020	4.3	7.0	5.7	96.3	93.7	98.7	4.3	7.0	5.3
PVF-PDB-2020	5.0	6.0	6.7	98.7	86.3	98.0	4.7	5.7	6.3
5Z5	4.7	6.0	6.3	97.7	86.7	98.3	4.3	6.3	5.7
BAR FT 135	5.0	6.7	6.0	98.3	83.7	97.0	5.3	6.3	5.7
PPG-FRC 127	5.0	6.7	6.0	98.3	87.7	99.0	3.7	5.7	5.0
BAR FRC 123	4.7	6.0	6.7	99.0	68.3	97.0	4.7	6.0	4.0
SEABREEZE GT	5.7	6.3	5.3	96.3	89.0	97.3	4.7	4.7	5.0
BLUE HORNET (PPG-FO-102)	4.7	5.7	6.0	99.0	88.7	98.0	4.3	5.3	5.3
DLFPS-FRC-3105	5.0	4.7	6.0	98.0	69.3	97.0	4.7	6.7	5.7
RAD-FR64	5.3	6.3	6.7	97.3	93.3	97.7	4.3	5.7	4.7
BAR FRL 122	5.0	5.3	6.7	92.0	96.3	98.0	4.0	5.0	4.3
LSD VALUE	3.3	4.4	3.8	20.5	59.2	9.1	4.1	3.6	3.3
C.V. (%)	18.9	20.1	17.0	5.4	18.7	3.4	22.3	17.1	18.7

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 5.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT AMES (SHADE), IA 1/  
2021 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY RATINGS			QUALITY RATINGS							MEAN	
			SPRING	SUMMER	FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
FOXFIRE 2	7.0	6.7	7.3	7.3	6.7	7.0	7.0	7.0	7.0	6.7	6.0	6.3	7.0	6.8
5Z2	7.3	6.3	5.3	7.0	5.7	6.3	7.3	7.0	7.0	6.3	6.3	7.0	6.7	6.8
BYE	7.0	8.0	6.7	6.3	6.3	7.0	7.0	7.0	6.7	6.7	6.0	6.7	7.0	6.8
PPG-FRR 127	7.7	7.0	5.7	7.0	6.0	6.0	7.0	7.0	7.0	6.7	6.7	6.7	7.0	6.8
PPG-FRR 132	6.3	7.3	5.7	6.3	6.0	6.7	7.3	7.0	6.7	6.0	6.3	6.3	7.0	6.7
PST-4SWTM	6.7	5.3	5.0	6.3	7.7	6.3	6.7	7.0	6.3	6.7	6.3	7.0	7.0	6.7
RAD-FC59	7.7	6.0	4.3	6.0	6.7	6.0	7.0	7.0	6.7	6.7	6.3	6.7	7.0	6.7
RAD-FR64	7.0	6.7	6.3	7.0	6.0	7.0	7.0	7.0	6.7	6.3	6.0	6.7	7.0	6.7
5Z5	6.7	7.3	6.7	6.0	6.0	7.0	7.0	7.0	6.7	6.3	6.0	6.0	6.7	6.6
KEVIN	7.3	7.3	5.7	5.7	6.3	6.7	7.0	7.0	6.7	6.7	6.0	6.3	6.3	6.6
NAI-HAQ1+2	7.0	6.0	5.7	6.7	6.7	6.3	7.0	6.7	6.7	6.0	6.7	6.7	6.7	6.6
RESOLUTE	5.7	6.0	7.0	6.3	6.7	7.0	6.3	6.3	6.7	6.7	6.7	6.3	5.7	6.5
SEABREEZE GT	5.7	6.7	6.3	7.0	7.0	6.7	7.0	7.0	7.0	6.0	6.0	6.3	6.3	6.5
BAR FT 135	6.0	4.3	6.0	6.7	7.0	6.0	7.3	7.0	7.0	6.7	5.7	6.3	6.0	6.5
BOREAL	6.3	6.0	5.3	7.7	6.0	6.0	7.0	7.0	6.7	6.7	5.3	6.3	6.7	6.5
CARDINAL II	8.0	8.0	6.7	7.0	6.0	6.7	7.3	6.7	7.0	6.0	5.7	6.0	7.0	6.5
DAS-RHF	5.7	6.0	5.3	7.0	6.7	6.3	6.7	6.3	7.3	6.3	6.3	6.0	6.7	6.5
DLF-FRR-3128	7.7	7.0	7.0	6.0	7.0	6.7	7.3	6.3	6.3	6.7	6.0	6.3	6.3	6.5
JAMESTOWN VII	5.3	6.0	4.7	6.7	7.3	6.0	6.3	6.7	6.7	6.3	6.7	6.7	7.0	6.5
PPG-FRR-134	7.0	7.3	5.7	6.7	5.7	6.3	7.0	6.7	6.3	6.7	6.0	6.3	6.3	6.5
PST-4SHAD	5.7	5.3	6.3	7.3	6.7	6.3	7.0	7.0	7.0	6.0	6.3	6.7	6.0	6.5
PVF-MVP-2020	6.7	5.3	4.7	5.7	5.7	6.3	7.0	6.7	6.3	6.3	6.0	7.0	6.7	6.5
PVF-PDB-2020	6.3	5.3	5.3	5.3	6.7	6.0	6.3	6.7	6.3	6.3	7.0	6.7	7.0	6.5
STB1	6.3	6.3	5.0	7.0	6.0	6.3	6.7	6.7	6.7	6.7	6.0	6.3	6.7	6.5
BAR FO 131	7.3	6.7	6.7	6.7	6.0	6.7	7.0	6.3	6.7	6.7	5.7	6.3	6.0	6.4
BAR FT 132	5.7	6.0	6.3	7.7	5.0	6.3	6.7	7.0	7.0	6.0	6.3	5.7	6.3	6.4
DLFPS-FRC-3105	4.7	6.0	5.7	6.7	7.7	6.7	6.3	6.7	6.7	6.0	6.0	6.3	6.3	6.4
NAI-HTB2	6.0	5.3	6.0	6.3	6.7	6.7	6.7	6.7	6.7	6.7	6.3	6.0	5.7	6.4
PVF-HSY+	8.0	7.3	5.7	7.3	5.0	6.7	7.0	6.3	6.3	6.3	5.7	6.3	6.3	6.4
BAR FRC 123	5.7	5.7	5.0	7.0	6.7	6.0	7.0	6.7	6.7	6.0	5.7	6.0	6.3	6.3
BRITTANY 2	5.0	6.0	5.3	6.3	7.3	6.3	6.0	6.7	6.7	6.3	5.7	6.3	6.0	6.3
GLADIATOR	6.7	6.0	5.7	5.3	6.7	7.0	7.3	6.0	6.0	6.3	6.3	5.7	6.0	6.3
QUATRO	6.7	5.3	5.7	6.7	7.0	6.0	7.0	6.0	7.0	6.7	5.7	6.0	6.0	6.3
SPHD-20	5.7	6.3	5.3	6.3	6.7	6.7	6.3	7.0	6.3	6.3	6.0	5.7	5.7	6.3
BLUE HORNET (PPG-FO-102)	6.7	6.0	6.0	6.0	7.7	6.3	6.7	6.3	7.0	6.0	5.7	6.7	5.7	6.3
COMPASS II	5.3	5.7	5.3	6.3	6.7	6.3	6.3	7.0	6.3	6.3	6.3	6.3	5.7	6.3
NAI-CHU1	4.7	5.7	4.7	6.0	5.7	6.0	6.0	6.7	6.7	6.7	6.0	6.3	6.0	6.3
PPG-FRC 127	5.3	6.0	5.0	6.3	6.0	6.3	6.3	6.7	6.7	6.0	6.0	6.0	6.3	6.3
PPG-FRC-130	6.0	6.7	6.0	5.7	6.0	6.3	6.7	7.0	6.7	6.3	6.3	5.7	5.7	6.3
DLFPS-FL-3104	5.7	6.0	5.0	5.0	7.0	6.3	6.7	6.3	6.0	6.3	6.0	6.0	6.0	6.2
PPG-FL 128	4.7	5.7	6.0	7.7	7.0	7.0	6.0	6.0	7.0	6.3	5.0	6.0	6.3	6.2
BAR FRC 130	4.3	5.0	5.7	4.7	8.3	6.3	5.7	6.7	6.0	6.0	5.3	6.7	6.3	6.1
BAR FRL 122	5.3	5.3	5.0	6.0	7.0	6.0	7.0	6.7	6.3	6.0	5.7	6.0	5.3	6.1
LSD VALUE	1.3	1.4	4.6	3.3	2.7	1.7	1.2	1.5	1.8	2.0	2.1	2.0	2.1	0.5
C.V. (%)	12.9	12.6	21.9	16.9	15.6	8.4	7.9	7.3	7.8	8.0	10.7	9.4	11.5	3.5

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

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

TABLE 5.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT AMES (SHADE), IA 1/  
2021 DATA

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

NAME	DOLLAR SPOT	COLOR			PERCENT GROUND COVER FROM APRIL-OCTOBER					
		SEPTEMBER	OCTOBER	NOVEMBER	APRIL	MAY	JULY	AUGUST	SEPTEMBER	OCTOBER
FOXFIRE 2	5.0	6.0	7.0	6.3	99.0	89.7	82.3	89.0	54.0	69.0
5Z2	7.0	5.3	6.0	5.7	99.0	92.0	81.3	91.7	82.0	91.0
BYE	4.0	6.7	6.3	6.3	99.0	95.3	93.3	96.7	68.0	75.3
PPG-FRR 127	5.3	6.7	6.3	6.0	98.3	95.3	93.3	95.7	80.0	93.3
PPG-FRR 132	4.7	7.3	5.7	6.0	99.0	93.3	92.3	96.7	64.3	74.0
PST-4SWTM	5.7	6.7	7.0	7.0	99.0	99.0	97.0	98.3	54.3	73.0
RAD-FC59	5.7	6.0	6.7	6.0	99.0	97.7	94.3	95.3	66.0	79.7
RAD-FR64	6.7	6.7	6.3	6.7	99.0	95.0	77.7	98.0	77.3	85.7
5Z5	6.7	6.3	5.0	6.0	99.0	88.7	88.3	92.3	61.0	80.3
KEVIN	4.3	6.7	6.0	6.0	98.7	76.0	81.7	85.0	57.0	70.7
NAI-HAQ1+2	7.7	6.7	6.0	5.3	97.7	94.7	96.0	98.3	78.7	95.0
RESOLUTE	3.3	7.7	6.7	5.3	99.0	99.0	97.7	94.7	35.3	43.7
SEABREEZE GT	6.7	6.0	5.3	5.3	99.0	85.7	91.7	96.7	68.0	81.0
BAR FT 135	3.0	6.0	6.3	6.3	99.0	98.0	88.3	90.3	34.7	41.0
BOREAL	4.7	5.7	5.3	5.7	99.0	69.7	49.7	86.3	60.7	71.3
CARDINAL II	4.0	6.0	5.7	5.7	98.7	79.3	85.0	97.0	65.0	68.0
DA5-RHF	3.3	7.7	6.7	6.0	98.3	98.7	88.3	92.0	34.0	49.0
DLF-FRR-3128	5.0	6.3	5.3	5.3	98.3	93.0	91.0	94.0	67.3	75.0
JAMESTOWN VII	3.7	7.0	6.7	6.0	99.0	98.7	93.0	97.7	53.7	77.7
PPG-FRR-134	6.3	5.3	5.7	5.0	99.0	97.7	95.0	99.0	71.0	82.0
PST-4SHAD	6.7	6.3	5.3	5.7	99.0	95.7	93.0	98.7	83.7	96.0
PVF-MVP-2020	7.0	6.0	6.3	6.0	99.0	96.0	96.0	96.0	83.0	91.7
PVF-PDB-2020	4.7	7.0	6.3	6.3	98.7	96.7	92.7	96.7	50.0	65.0
STB1	5.0	6.3	6.0	5.3	99.0	92.3	78.7	95.0	70.7	83.7
BAR FO 131	4.7	5.0	7.0	6.3	98.7	93.7	89.7	88.3	61.3	54.7
BAR FT 132	4.3	7.0	5.3	6.0	99.0	93.0	71.0	72.3	55.3	57.7
DLFPS-FRC-3105	4.0	5.3	5.7	6.3	99.0	99.0	94.3	98.7	38.7	55.7
NAI-HTB2	9.0	5.7	5.7	5.0	99.0	98.3	97.3	98.0	55.3	69.3
PVF-HSY+	7.0	5.7	5.0	5.3	94.7	75.3	76.0	88.3	86.3	87.7
BAR FRC 123	5.0	5.3	5.3	6.3	99.0	97.7	92.0	98.7	58.3	67.0
BRITTANY 2	3.7	5.3	6.3	6.3	99.0	95.7	94.7	97.0	50.7	56.7
GLADIATOR	3.7	6.7	4.3	6.0	99.0	99.0	97.7	98.3	44.7	49.7
QUATRO	6.0	5.7	5.0	6.3	98.3	91.0	89.0	86.0	54.0	59.7
SPHD-20	2.0	7.3	5.7	5.7	99.0	99.0	98.0	91.0	19.7	37.0
BLUE HORNET (PPG-FO-102)	5.0	6.0	5.7	5.0	98.0	91.7	87.7	91.0	55.3	61.0
COMPASS II	6.0	5.7	5.7	5.3	99.0	97.0	95.7	99.0	61.3	68.3
NAI-CHU1	8.3	5.0	5.0	5.0	99.0	99.0	97.0	97.7	81.0	97.0
PPG-FRC 127	6.7	5.0	4.3	5.0	99.0	98.7	95.3	99.0	70.3	83.3
PPG-FRC-130	5.0	6.0	5.0	5.3	99.0	97.3	94.7	98.7	61.7	65.3
DLFPS-FL-3104	2.7	7.0	6.7	6.3	99.0	99.0	97.7	92.7	35.0	39.3
PPG-FL 128	3.0	5.7	6.3	6.7	99.0	98.7	80.7	89.7	31.0	37.3
BAR FRC 130	3.3	4.7	5.7	5.3	99.0	98.3	97.0	96.0	42.7	58.7
BAR FRL 122	6.0	5.7	5.3	4.7	99.0	94.7	97.0	98.3	63.7	68.3
LSD VALUE	6.5	5.0	4.3	3.3	1.3	10.2	17.0	14.6	68.1	61.7
C.V. (%)	45.6	22.0	20.5	16.4	0.7	6.5	10.5	7.1	40.6	34.2

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 FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT WEST LAFAYETTE, IN 1/  
2021 DATA

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

NAME	SEEDLING VIGOR	POA ANNUA	QUALITY JUNE
DLFPS-FRC-3105	6.0	6.0	6.7
PVF-MVP-2020	5.0	6.3	6.7
PPG-FRC-130	4.3	6.0	6.3
BAR FRC 123	6.7	7.3	6.0
BRITTANY 2	5.0	7.3	6.0
COMPASS II	3.7	6.7	6.0
JAMESTOWN VII	5.3	6.7	6.0
PPG-FRC 127	4.7	5.3	6.0
SEABREEZE GT	5.3	7.0	5.7
5Z2	4.7	6.7	5.7
5Z5	4.0	6.0	5.7
BAR FRL 122	5.3	6.3	5.7
BYE	4.3	6.3	5.7
CARDINAL II	4.0	5.0	5.7
DA5-RHF	3.7	4.7	5.7
PPG-FRR-134	3.3	6.3	5.7
PST-4SHAD	5.7	7.0	5.7
PVF-PDB-2020	4.3	5.7	5.7
BAR FRC 130	5.0	7.0	5.3
NAI-CHU1	4.7	5.7	5.3
PPG-FRR 132	4.0	5.7	5.3
PST-4SWIM	3.7	5.7	5.3
STB1	5.7	6.3	5.3
BOREAL	5.3	8.0	5.0
KEVIN	5.0	6.3	5.0
PPG-FL 128	5.3	5.3	5.0
PPG-FRR 127	4.3	5.7	5.0
PVF-HSY+	5.3	6.3	5.0
RAD-FC59	4.0	5.0	5.0
FOXFIRE 2	2.7	4.3	4.7
GLADIATOR	5.3	5.7	4.7
RESOLUTE	3.3	4.7	4.7
DLF-FRR-3128	4.7	6.0	4.7
NAI-HAQ1+2	4.3	6.0	4.7
RAD-FR64	4.3	5.0	4.7
BAR FO 131	3.7	5.0	4.3
BAR FT 132	4.0	5.3	4.3
BLUE HORNET (PPG-FO-102)	4.7	5.7	4.3
NAI-HTB2	3.7	4.7	4.3
SPHD-20	4.0	4.7	4.0
BAR FT 135	4.7	5.7	4.0
DLFPS-FL-3104	4.3	5.7	3.7
QUATRO	4.7	5.3	3.7
LSD VALUE	1.8	1.0	.
C.V. (%)	19.9	10.8	.

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

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



TABLE 7. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE 2020 NATIONAL FINELEAF FESCUE TEST AT MANHATTAN, KS 1/ 2021 DATA

NAME	SEEDHEAD					QUALITY RATINGS					MEAN
	APRIL	MAY	APR	MAY	JUN	JUL	AUG	SEP	OCT		
PPG-FL 128	6.0	6.3	5.3	6.3	6.7	7.3	6.3	5.7	6.3	6.3	
DLFPS-FRC-3105	9.0	7.0	5.7	7.0	7.7	7.0	5.3	5.0	5.3	6.1	
PPG-FRC-130	9.0	6.3	6.0	6.0	6.7	7.3	5.3	4.3	5.3	5.9	
GLADIATOR	7.0	5.7	5.0	5.3	6.0	7.3	6.0	5.3	5.3	5.8	
BAR FT 135	4.7	5.7	4.7	6.0	5.7	6.7	6.0	5.7	5.7	5.8	
NAI-CHU1	9.0	7.3	6.7	6.7	6.3	6.0	4.7	5.0	5.3	5.8	
DLFPS-FL-3104	4.3	4.3	5.0	4.7	6.7	6.7	5.7	5.0	5.7	5.6	
RESOLUTE	4.7	5.0	4.3	5.0	6.0	7.0	6.0	5.3	5.7	5.6	
SPHD-20	4.3	3.3	4.7	5.0	6.3	6.3	6.3	5.0	5.3	5.6	
NAI-HAQ1+2	4.0	4.3	4.7	5.7	6.0	6.7	5.7	5.0	5.3	5.6	
PVF-PDB-2020	4.3	4.7	4.7	5.0	5.7	7.3	6.0	5.0	5.7	5.6	
BRITTANY 2	9.0	8.0	6.3	6.3	6.3	6.3	4.3	4.0	4.7	5.5	
RAD-FC59	9.0	7.0	6.0	6.3	6.7	6.0	4.3	3.7	4.7	5.4	
PPG-FRC 127	9.0	6.7	6.0	6.3	6.7	6.3	3.7	3.7	4.7	5.3	
COMPASS II	8.7	6.7	5.7	6.3	6.7	5.7	4.0	3.7	4.3	5.2	
PVF-MVP-2020	9.0	6.7	5.3	6.0	6.3	5.7	4.3	3.7	4.7	5.1	
BAR FT 132	3.0	3.3	4.0	4.7	5.0	6.0	5.0	5.3	5.3	5.0	
BLUE HORNET (PPG-FO-102)	4.0	7.0	4.3	5.7	5.7	6.3	4.7	4.0	4.3	5.0	
DA5-RHF	5.0	5.0	4.0	5.0	5.7	6.7	4.3	4.3	4.7	5.0	
NAI-HTB2	3.0	4.7	4.0	5.3	5.3	6.3	5.3	4.3	4.3	5.0	
PPG-FRR-134	9.0	6.0	5.3	5.3	6.3	6.7	4.3	3.3	4.0	5.0	
PST-4SWTM	8.7	5.7	5.7	6.0	6.3	5.7	4.3	3.0	3.3	4.9	
JAMESTOWN VII	8.7	7.3	5.7	6.0	6.3	5.3	3.0	3.3	3.7	4.8	
STB1	7.7	4.7	5.3	5.0	5.7	6.0	4.0	3.3	4.0	4.8	
QUATRO	9.0	7.0	5.0	5.3	4.7	5.7	4.3	3.7	4.3	4.7	
BYE	8.3	6.0	5.3	5.0	5.7	5.7	4.0	3.3	3.7	4.7	
KEVIN	8.3	8.0	6.7	6.7	5.3	4.7	3.3	2.7	3.3	4.7	
PVF-HSY+	9.0	7.3	5.0	5.3	6.0	5.7	3.7	3.0	4.0	4.7	
BAR FRC 130	9.0	6.7	6.3	6.3	5.3	4.7	3.3	3.3	3.0	4.6	
PPG-FRR 127	9.0	7.3	5.0	4.7	5.3	5.0	4.0	3.7	4.3	4.6	
5Z5	8.7	5.7	4.7	4.7	5.7	5.3	4.0	3.0	4.0	4.5	
5Z2	9.0	6.7	5.3	4.7	5.0	5.7	3.7	2.3	3.3	4.3	
DLF-FRR-3128	9.0	7.7	5.0	5.3	5.3	5.0	3.7	2.7	3.0	4.3	
CARDINAL II	8.7	6.7	4.7	5.0	5.0	5.0	3.3	3.3	3.3	4.2	
PPG-FRR 132	8.3	5.7	5.0	4.7	4.7	5.0	4.0	3.0	3.3	4.2	
PST-4SHAD	8.7	6.0	5.0	5.7	6.0	5.0	3.3	1.7	2.7	4.2	
BAR FRC 123	9.0	7.0	5.0	5.3	4.3	3.7	3.3	2.7	3.7	4.0	
SEABREEZE GT	8.7	7.0	5.3	5.7	4.7	4.7	3.0	1.7	2.7	4.0	
BAR FRL 122	8.7	6.0	5.0	5.0	5.0	4.0	3.0	3.3	3.0	4.0	
RAD-FR64	9.0	7.7	5.7	5.0	4.7	4.0	3.0	2.3	3.0	4.0	
BAR FO 131	6.7	7.0	4.3	5.0	5.7	4.7	3.0	2.0	2.7	3.9	
FOXFIRE 2	8.3	5.0	4.0	4.0	3.7	4.3	3.0	2.0	2.3	3.3	
BOREAL	8.3	6.7	6.3	5.7	3.0	3.0	1.7	1.3	2.0	3.3	
LSD VALUE	1.6	2.7	1.7	1.6	1.4	1.5	1.3	1.1	1.0	0.8	
C.V. (%)	14.3	21.9	16.0	14.5	14.1	15.8	19.4	20.0	15.0	10.3	

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 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2021 DATA

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

NAME	PERCENT ESTABLISHMENT	AVERAGE WEAR TOLERANCE			QUALITY RATINGS								MEAN
		MAY	JULY	OCTOBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
PPG-FRC 127	71.7	5.0	5.0	5.0	6.7	6.3	5.7	6.3	6.7	6.3	6.0	6.0	6.3
GLADIATOR	46.7	6.0	6.0	6.0	5.3	6.3	5.3	6.3	6.7	6.3	6.3	6.0	6.1
PPG-FRC-130	66.7	5.0	5.0	4.7	6.0	5.7	6.0	6.7	5.7	6.7	6.3	6.0	6.1
DLFPS-FL-3104	53.3	5.7	6.7	6.3	5.7	6.3	5.7	6.7	5.7	5.7	6.0	6.0	6.0
NAI-HAQ1+2	43.3	6.3	6.0	6.0	5.0	5.7	6.0	6.3	5.7	6.3	6.3	5.7	5.9
PPG-FL 128	53.3	6.7	6.7	6.7	5.3	5.3	5.7	6.0	6.3	6.3	6.3	6.0	5.9
PVF-PDB-2020	60.0	5.3	6.3	6.0	5.7	5.7	6.0	6.3	5.7	6.0	6.0	6.0	5.9
BRITTANY 2	66.7	5.0	4.7	5.0	6.3	5.7	5.3	5.7	6.0	6.0	6.0	5.3	5.8
NAI-CHU1	70.0	5.0	5.0	5.0	5.7	5.0	5.7	6.7	6.0	6.3	6.0	5.3	5.8
NAI-HTB2	56.7	6.0	6.0	6.0	5.7	6.0	5.7	6.3	5.3	5.3	6.0	5.7	5.8
FOXFIRE 2	56.7	5.3	5.7	5.0	5.0	5.7	5.7	6.0	5.3	5.7	6.0	5.3	5.6
DA5-RHF	66.7	6.0	6.0	5.7	4.3	5.3	6.0	6.0	5.3	6.0	6.3	5.7	5.6
DLFPS-FRC-3105	56.7	4.7	5.3	5.0	5.3	5.0	6.0	5.7	5.3	5.7	6.0	6.0	5.6
RESOLUTE	60.0	5.7	5.3	6.0	5.3	5.3	5.3	6.3	5.7	5.7	5.7	5.0	5.5
5Z5	53.3	5.3	5.0	4.7	5.3	5.7	5.0	6.0	5.7	5.7	5.7	5.0	5.5
BYE	56.7	4.7	4.7	5.0	5.3	5.7	5.3	6.0	5.7	5.7	5.7	5.0	5.5
COMPASS II	46.7	4.0	3.7	4.0	6.0	5.3	5.3	6.0	5.3	5.3	5.3	5.0	5.5
PPG-FRR 127	46.7	5.0	4.7	4.7	5.7	5.7	5.3	5.3	6.0	5.3	5.3	5.3	5.5
PPG-FRR 132	50.0	4.3	4.3	4.3	5.3	5.7	5.3	5.7	5.3	5.7	5.3	5.3	5.5
PVF-MVP-2020	70.0	5.3	5.3	5.0	6.3	5.0	5.3	5.7	5.0	5.0	6.0	6.0	5.5
BAR FRC 123	60.0	4.3	4.7	4.0	6.3	4.7	5.3	5.7	5.0	5.3	5.3	5.3	5.4
SPHD-20	56.7	5.7	5.3	5.3	4.7	5.7	5.0	5.3	5.7	5.7	5.7	5.3	5.4
QUATRO	70.0	5.7	5.7	5.3	5.3	6.0	4.7	5.3	5.0	5.3	5.3	5.7	5.3
BAR FT 135	46.7	5.3	5.3	4.3	5.3	6.0	4.3	5.3	5.3	5.3	5.3	5.3	5.3
BLUE HORNET (PPG-FO-102)	45.0	5.7	5.3	5.7	4.7	5.7	5.0	5.0	5.7	5.3	5.7	5.3	5.3
RAD-FC59	70.0	4.3	4.7	4.3	5.7	5.3	5.0	6.0	5.3	5.0	5.3	5.0	5.3
RAD-FR64	53.3	4.3	3.7	3.3	6.0	5.3	4.7	5.3	5.3	5.7	5.3	4.7	5.3
BAR FRC 130	56.7	4.3	4.0	3.7	5.0	4.7	5.0	5.7	5.7	5.3	5.3	5.0	5.2
BAR FT 132	50.0	5.0	5.7	5.7	5.0	5.3	5.0	5.3	5.3	5.0	5.7	4.7	5.2
CARDINAL II	50.0	5.0	4.3	4.7	6.0	5.7	4.7	5.0	5.0	5.3	5.3	4.7	5.2
DLF-FRR-3128	63.3	3.7	3.7	3.3	5.0	5.0	4.7	5.3	5.3	5.7	5.3	5.0	5.2
PST-4SHAD	56.7	4.3	4.0	4.0	6.3	4.0	4.7	5.7	5.7	5.0	5.3	5.0	5.2
5Z2	53.3	4.7	4.0	4.0	4.7	5.3	4.3	5.3	5.3	5.3	5.3	5.3	5.1
JAMESTOWN VII	46.7	5.0	4.3	4.3	6.3	5.0	4.7	5.0	5.3	4.3	5.3	4.7	5.1
PPG-FRR-134	46.7	4.7	5.0	5.0	5.0	5.7	5.0	5.3	5.7	4.7	4.7	4.7	5.1
PVF-HSY+	56.7	3.3	4.0	3.7	5.0	5.7	4.7	5.0	5.3	5.3	5.0	5.0	5.1
SEABREEZE GT	63.3	4.0	4.7	4.7	5.7	4.7	4.3	4.7	5.3	5.3	5.0	5.0	5.0
BAR FRL 122	61.7	5.0	4.3	4.3	5.0	5.0	5.0	5.0	4.7	5.0	5.0	5.0	5.0
KEVIN	56.7	3.7	4.3	4.0	5.3	5.7	5.0	5.0	4.7	5.3	5.0	4.0	5.0
STB1	76.7	4.7	4.7	4.7	6.0	4.7	4.7	5.0	4.7	5.3	5.0	5.0	5.0
PST-4SWTM	56.7	4.0	4.0	3.7	4.3	5.0	4.7	5.0	5.0	5.0	5.0	5.0	4.9
BAR FO 131	56.7	3.7	3.7	3.7	4.3	4.3	4.7	5.0	5.0	5.0	5.0	5.0	4.8
BOREAL	50.0	3.3	4.0	4.0	5.7	5.7	4.0	4.7	4.7	4.0	4.0	3.7	4.5
LSD VALUE	14.7	0.9	0.8	0.7	1.3	0.9	0.8	0.8	1.0	0.8	0.8	0.6	0.5
C.V. (%)	14.5	11.8	10.3	10.0	12.2	9.2	9.1	8.2	9.5	9.1	8.1	7.6	5.4

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

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

TABLE 9.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT COLLEGE PARK, MD 1/  
2021 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/							MEAN
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
SPHD-20	6.3	6.3	5.7	6.0	5.7	6.0	5.3	5.9
NAI-HAQ1+2	6.0	6.3	6.0	6.0	5.3	6.0	5.3	5.9
NAI-HTB2	5.3	6.3	5.3	6.0	5.7	5.7	5.7	5.7
PVF-PDB-2020	5.7	6.0	5.7	5.7	5.3	6.0	5.3	5.7
DLFPS-FL-3104	5.3	6.0	5.3	5.7	5.3	5.7	5.7	5.6
PPG-FRC 127	5.3	6.0	5.7	6.0	5.3	6.0	5.0	5.6
GLADIATOR	5.7	6.0	5.7	5.7	5.0	5.7	5.0	5.5
RESOLUTE	4.7	5.3	5.0	5.7	5.7	5.7	6.0	5.4
BAR FT 135	4.7	5.3	5.0	6.0	5.3	5.7	5.7	5.4
DA5-RHF	6.3	6.0	5.0	5.3	4.7	5.0	4.7	5.3
PPG-FL 128	5.7	6.0	5.0	5.7	4.7	5.3	5.0	5.3
BRITTANY 2	5.0	5.7	5.0	5.3	4.7	5.3	5.0	5.1
PPG-FRC-130	5.0	5.3	5.3	5.3	4.3	5.0	4.7	5.0
RAD-FC59	5.0	5.7	5.3	5.0	4.7	5.0	4.3	5.0
BAR FT 132	4.0	5.0	4.7	5.0	5.0	5.3	5.3	4.9
BYE	5.0	5.3	5.0	5.0	4.7	5.0	4.3	4.9
NAI-CHU1	5.0	5.3	5.3	5.0	4.3	5.0	4.3	4.9
BAR FRC 130	5.3	5.3	5.0	4.7	4.0	4.7	4.7	4.8
COMPASS II	5.0	5.3	5.0	5.0	4.3	4.7	4.0	4.8
BAR FRC 123	5.0	5.3	4.7	4.7	4.3	4.3	4.3	4.7
QUATRO	4.3	5.0	4.3	4.7	4.7	5.0	5.0	4.7
DLFPS-FRC-3105	5.0	5.0	5.3	5.0	4.0	4.7	4.0	4.7
PVF-HSY+	4.0	5.0	5.0	5.0	5.0	4.7	4.0	4.7
BAR FO 131	4.3	5.0	4.7	4.7	4.7	4.7	4.3	4.6
BLUE HORNET (PPG-FO-102)	4.3	5.0	4.7	4.7	4.3	4.7	4.3	4.6
JAMESTOWN VII	4.7	4.7	5.0	5.0	4.3	4.7	4.0	4.6
PST-4SWTM	5.7	5.3	4.7	4.3	4.0	4.3	4.0	4.6
PVF-MVP-2020	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.6
KEVIN	4.3	4.7	4.3	4.3	4.0	4.7	4.3	4.4
5Z5	4.0	4.7	5.0	4.7	4.0	4.0	3.7	4.3
PPG-FRR 127	4.3	4.7	4.3	4.7	4.3	4.0	4.0	4.3
BAR FRL 122	4.3	4.7	4.7	4.0	3.7	4.0	4.3	4.2
PST-4SHAD	4.3	4.3	5.0	4.7	3.7	4.0	3.7	4.2
FOXFIRE 2	3.7	4.3	4.3	4.0	4.3	4.0	4.0	4.1
PPG-FRR 132	3.7	4.3	5.0	4.3	4.0	4.0	3.7	4.1
PPG-FRR-134	4.0	4.0	4.3	4.3	4.3	4.0	4.0	4.1
5Z2	4.0	4.0	4.7	4.0	4.0	4.0	3.7	4.0
RAD-FR64	3.7	3.7	4.0	4.0	4.3	4.0	3.3	3.9
CARDINAL II	3.7	3.7	4.0	3.7	4.0	3.7	3.7	3.8
SEABREEZE GT	3.7	3.7	4.3	4.0	4.0	3.0	3.0	3.7
DLF-FRR-3128	3.3	3.7	4.0	4.0	4.0	3.3	3.3	3.7
STB1	3.3	3.7	4.0	3.3	4.0	3.7	3.7	3.7
BOREAL	3.0	3.3	3.3	3.3	3.7	3.3	3.3	3.3
LSD VALUE	0.7	0.9	0.8	0.9	0.7	0.9	0.9	0.5
C.V. (%)	9.5	11.2	10.3	11.2	10.1	11.9	13.2	7.4

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

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

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT EAST LANSING, MI 1/  
2021 DATA

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

NAME	JUN	JUL	AUG	SEP	OCT	MEAN
5Z2	6.7	7.3	7.7	7.0	8.3	7.4
PVF-MVP-2020	7.7	7.0	6.3	7.3	8.7	7.4
5Z5	6.3	7.3	7.7	7.0	8.0	7.3
PPG-FRC 127	6.7	7.0	7.0	7.3	8.7	7.3
PPG-FRR 127	6.7	7.3	7.0	7.3	8.0	7.3
PPG-FRR-134	6.7	7.0	7.3	7.7	8.0	7.3
RAD-FR64	7.3	7.3	7.3	6.7	7.7	7.3
PVF-HSY+	6.7	7.3	7.3	7.0	7.7	7.2
DLFPS-FRC-3105	6.7	6.7	7.0	7.0	8.0	7.1
FOXFIRE 2	6.3	7.0	7.3	7.0	7.3	7.0
NAI-CHU1	6.3	7.0	6.7	7.0	8.0	7.0
PPG-FRC-130	7.0	7.3	6.3	6.7	7.7	7.0
COMPASS II	6.3	7.0	7.0	6.7	7.7	6.9
RAD-FC59	7.0	6.7	7.0	6.3	7.7	6.9
STB1	7.0	7.0	7.0	6.3	7.3	6.9
BYE	7.0	7.0	6.3	6.3	7.3	6.8
KEVIN	6.3	6.7	6.7	6.7	7.3	6.7
PPG-FRR 132	6.0	6.3	6.3	6.7	7.7	6.6
BAR FRC 130	6.7	6.7	6.3	6.3	6.7	6.5
CARDINAL II	6.0	6.7	6.3	6.0	7.7	6.5
DLF-FRR-3128	6.0	7.0	6.7	6.7	6.3	6.5
PST-4SWTM	6.3	6.3	6.3	6.7	7.0	6.5
BRITTANY 2	6.3	6.7	6.0	6.0	6.3	6.3
BAR FRL 122	6.7	6.7	6.3	5.7	6.3	6.3
BAR FRC 123	6.7	6.3	5.7	5.7	6.3	6.1
JAMESTOWN VII	6.3	6.0	6.0	6.0	6.3	6.1
PST-4SHAD	6.7	6.0	6.3	5.7	6.0	6.1
BAR FO 131	6.0	6.3	5.7	5.7	5.7	5.9
SEABREEZE GT	5.3	6.0	5.3	6.0	6.3	5.8
DA5-RHF	6.0	5.3	5.3	4.3	5.7	5.3
PVF-PDB-2020	5.7	4.7	4.0	4.7	5.3	4.9
GLADIATOR	5.7	4.0	4.0	4.3	4.7	4.5
BOREAL	4.7	5.3	4.7	4.0	4.0	4.5
BLUE HORNET (PPG-FO-102)	4.7	4.3	3.3	3.7	4.3	4.1
NAI-HAQ1+2	5.0	4.7	3.3	3.7	4.0	4.1
NAI-HTB2	4.7	4.3	3.3	3.7	3.7	3.9
RESOLUTE	4.3	4.0	3.3	3.0	3.7	3.7
SPHD-20	4.3	3.7	2.3	3.0	3.7	3.4
QUATRO	4.0	3.7	2.0	2.7	3.3	3.1
DLFPS-FL-3104	4.0	3.3	2.0	2.3	3.3	3.0
BAR FT 135	3.7	3.3	2.3	2.3	3.3	3.0
BAR FT 132	3.3	3.3	2.0	2.0	2.3	2.6
PPG-FL 128	3.3	3.0	2.0	1.7	3.0	2.6
LSD VALUE	1.4	1.0	1.2	1.3	1.5	1.0
C.V. (%)	14.9	11.7	15.2	15.6	16.3	12.2

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

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

TABLE 11.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT EAST LANSING (TRAFFIC BUT NOT APPLIED YET), MI 1/  
2021 DATA

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

NAME	JUN	JUL	AUG	SEP	OCT	MEAN
NAI-CHU1	6.0	6.0	6.7	6.7	7.0	6.5
COMPASS II	6.0	6.0	6.7	6.3	6.7	6.3
PPG-FRR-134	5.3	6.3	6.3	6.7	6.3	6.2
BAR FRC 130	6.0	6.3	6.0	6.0	6.3	6.1
BYE	5.3	6.3	6.3	6.3	6.3	6.1
PPG-FRC 127	5.7	5.7	6.0	6.0	6.7	6.0
BRITTANY 2	5.3	5.3	6.3	6.0	6.3	5.9
PPG-FRC-130	5.7	5.7	6.3	6.0	6.0	5.9
PPG-FRR 127	5.3	5.7	6.3	6.0	6.0	5.9
PVF-MVP-2020	5.0	5.7	6.3	6.0	6.3	5.9
STB1	4.7	5.7	6.0	6.3	6.3	5.8
DLFPS-FRC-3105	5.0	5.0	6.0	6.0	6.3	5.7
JAMESTOWN VII	5.3	5.3	6.3	5.7	6.0	5.7
5Z2	5.3	6.0	5.7	5.7	5.3	5.6
RAD-FR64	5.0	5.7	6.0	5.7	5.7	5.6
PVF-HSY+	5.0	5.3	5.7	5.7	6.0	5.5
SEABREEZE GT	5.0	5.3	5.3	5.7	5.7	5.4
RAD-FC59	5.0	5.0	6.0	5.7	5.3	5.4
BAR FRC 123	5.7	5.7	5.0	5.0	5.0	5.3
5Z5	4.7	5.7	5.7	5.0	5.0	5.2
BAR FRL 122	5.3	5.7	5.3	4.7	5.0	5.2
DLF-FRR-3128	4.3	5.3	5.7	5.3	5.3	5.2
PPG-FRR 132	4.3	5.0	5.7	5.7	5.0	5.1
PST-4SHAD	5.0	5.0	5.0	5.7	4.7	5.1
CARDINAL II	4.3	5.7	5.0	4.7	5.0	4.9
PST-4SWTM	4.7	5.0	5.0	5.3	4.7	4.9
FOXFIRE 2	4.0	5.0	5.3	5.0	4.7	4.8
KEVIN	4.7	5.3	4.7	4.3	4.3	4.7
BAR FO 131	5.0	4.7	5.3	4.0	4.0	4.6
DA5-RHF	4.3	3.7	4.7	4.0	4.3	4.2
NAI-HAQ1+2	4.3	3.7	4.3	4.0	4.0	4.1
GLADIATOR	4.0	3.3	4.3	4.0	4.3	4.0
DLFPS-FL-3104	4.3	3.3	4.7	3.7	3.7	3.9
BAR FT 135	4.0	3.7	4.0	3.7	4.3	3.9
NAI-HTB2	4.0	3.0	4.3	4.0	4.3	3.9
BLUE HORNET (PPG-FO-102)	4.0	3.3	3.7	4.0	4.0	3.8
QUATRO	4.3	3.3	3.7	3.7	3.3	3.7
RESOLUTE	4.0	3.0	4.3	3.7	3.3	3.7
BOREAL	3.7	4.7	3.0	3.7	3.7	3.7
PVF-PDB-2020	4.0	4.0	3.7	3.3	3.7	3.7
SPHD-20	4.0	2.7	3.7	3.3	4.0	3.5
PPG-FL 128	4.0	3.0	3.3	3.0	4.0	3.5
BAR FT 132	3.7	2.3	2.3	2.3	3.0	2.7
LSD VALUE	0.7	0.9	1.2	1.1	1.2	0.7
C.V. (%)	9.6	12.3	15.2	14.1	15.2	9.9

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 FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT ST. PAUL, MN 1/  
2021 DATA

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

NAME	FALL DENSITY	% GROUND COVER FALL	MAY	JUN	QUALITY RATINGS			OCT	MEAN
					JUL	AUG	SEP		
BRITTANY 2	7.0	96.3	7.0	7.5	7.0	6.0	7.0	7.0	6.9
PPG-FL 128	7.7	95.7	6.5	6.5	7.0	7.0	6.5	7.5	6.8
PPG-FRC-130	5.0	95.3	6.5	7.5	6.0	7.0	7.5	6.5	6.8
RAD-FC59	5.3	94.3	7.0	6.5	6.5	6.5	7.5	6.5	6.8
PPG-FRC 127	5.0	95.3	7.5	7.5	6.5	6.5	6.0	6.0	6.7
PVF-PDB-2020	6.7	95.0	6.0	6.5	6.5	7.0	7.5	6.5	6.7
BAR FT 135	6.0	94.7	6.0	5.5	6.0	7.0	7.5	7.0	6.5
DLFPS-FRC-3105	5.0	92.0	7.5	7.0	6.5	6.0	6.5	5.5	6.5
NAI-CHU1	4.7	94.7	7.0	6.5	6.0	6.0	6.0	6.5	6.3
BAR FRC 123	7.0	94.7	7.0	6.0	5.5	6.0	6.5	6.0	6.2
JAMESTOWN VII	4.3	89.7	7.0	6.5	6.0	5.0	6.5	6.0	6.2
SPHD-20	6.3	96.7	5.0	6.0	6.0	6.5	7.0	6.0	6.1
BYE	5.3	86.7	6.5	7.0	5.5	5.5	6.0	6.0	6.1
GLADIATOR	5.7	96.7	6.0	5.0	5.5	6.0	7.0	6.5	6.0
BAR FRL 122	4.3	95.3	6.0	6.5	6.5	5.5	6.0	5.5	6.0
CARDINAL II	6.7	88.3	7.0	5.5	5.0	6.0	6.5	6.0	6.0
NAI-HTB2	6.0	94.7	5.0	5.5	6.5	6.5	6.5	6.0	6.0
PVF-HSY+	6.0	90.0	6.5	6.5	5.5	6.0	5.5	6.0	6.0
RESOLUTE	6.7	95.7	4.5	5.5	5.5	6.5	7.0	6.0	5.8
5Z2	6.3	92.3	6.0	6.0	5.5	5.5	6.5	5.5	5.8
5Z5	5.3	89.0	6.0	6.5	5.5	5.5	5.5	5.5	5.8
DA5-RHF	6.0	96.3	5.5	5.5	6.0	5.5	6.0	6.0	5.8
DLF-FRR-3128	5.7	87.0	7.0	6.5	5.0	6.0	5.5	5.0	5.8
PPG-FRR-134	5.3	88.0	6.0	7.0	5.0	5.5	6.0	5.0	5.8
DLFPS-FL-3104	6.3	95.7	5.5	5.5	5.0	6.0	6.0	6.0	5.7
BAR FT 132	6.3	90.7	5.0	5.0	5.0	6.0	7.0	6.0	5.7
BAR FO 131	3.0	84.7	6.5	6.0	5.5	5.0	6.0	4.5	5.6
COMPASS II	5.0	92.3	6.0	6.5	5.0	5.5	5.0	5.5	5.6
SEABREEZE GT	4.3	93.3	5.0	4.5	5.5	5.5	6.0	5.5	5.3
BLUE HORNET (PPG-FO-102)	4.3	91.7	6.0	5.0	5.0	5.5	5.0	5.0	5.3
KEVIN	4.7	84.7	5.5	5.0	5.0	5.5	5.0	5.5	5.3
PPG-FRR 132	6.7	89.3	6.0	5.5	5.0	5.0	5.0	5.0	5.3
STB1	6.0	88.7	6.5	6.0	4.5	4.5	5.0	5.5	5.3
PST-4SHAD	4.7	93.7	6.0	5.0	4.5	5.0	5.5	5.0	5.2
NAI-HAQ1+2	6.3	96.7	5.5	5.0	5.0	4.5	5.0	5.5	5.1
PST-4SWTM	4.3	93.7	5.5	6.0	5.5	4.5	4.5	4.5	5.1
BAR FRC 130	5.3	94.7	6.5	5.0	5.0	4.0	5.0	4.5	5.0
PPG-FRR 127	5.0	86.0	6.0	6.0	4.5	4.5	4.5	4.5	5.0
PVF-MVP-2020	3.7	93.3	5.5	6.0	5.0	4.5	4.5	4.5	5.0
RAD-FR64	5.3	78.7	6.0	5.5	4.0	4.0	4.5	4.5	4.8
QUATRO	5.0	96.7	4.0	4.0	4.0	4.0	5.0	5.0	4.3
BOREAL	3.7	78.0	5.0	4.0	3.5	4.5	3.5	3.5	4.0
FOXFIRE 2	2.7	86.7	3.5	3.5	3.0	3.5	3.5	3.5	3.4
LSD VALUE	2.2	5.8	2.0	2.0	2.4	2.7	1.7	2.9	1.8
C.V. (%)	21.9	3.9	13.4	14.4	16.4	17.3	13.7	17.4	12.4

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

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

TABLE 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT ST. PAUL (FAIRWAY), MN 1/  
2021 DATA

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

NAME	GENETIC COLOR	FALL DENSITY	% GROUND COVER FALL	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT		
PPG-FRC 127	4.0	6.0	83.7	7.3	8.3	7.0	6.3	6.3	6.3	6.9	
BAR FRC 130	3.3	5.0	70.3	7.7	7.7	6.7	6.3	7.0	5.7	6.8	
BRITTANY 2	3.7	6.0	82.3	8.0	7.7	6.3	6.3	5.7	6.0	6.7	
NAI-CHU1	4.3	6.0	83.0	7.3	7.3	6.7	6.0	6.0	6.7	6.7	
NAI-HAQ1+2	5.3	6.0	83.3	6.3	7.0	7.0	7.0	6.7	6.0	6.7	
DLFPS-FRC-3105	4.0	5.7	78.0	6.7	8.0	6.3	6.3	6.0	5.3	6.4	
PPG-FRC-130	4.3	6.0	82.7	6.7	7.3	6.0	6.3	6.0	6.3	6.4	
SEABREEZE GT	3.0	6.0	86.7	7.3	6.0	6.3	6.0	6.0	6.0	6.3	
PVF-MVP-2020	5.0	6.0	75.7	7.0	7.3	6.3	5.7	5.7	5.7	6.3	
PVF-PDB-2020	5.0	6.0	86.7	5.7	6.3	6.7	6.0	6.3	6.7	6.3	
GLADIATOR	5.0	5.7	82.0	5.7	7.0	6.3	6.3	6.0	6.0	6.2	
BAR FRL 122	3.0	6.3	89.3	6.0	7.0	6.7	6.0	6.0	5.7	6.2	
NAI-HTB2	6.3	6.0	87.7	5.3	6.3	6.7	6.7	5.7	6.3	6.2	
PPG-FL 128	5.3	6.0	88.7	5.7	6.3	6.0	6.3	6.0	6.7	6.2	
RESOLUTE	6.0	6.0	88.7	4.7	5.7	7.0	6.0	6.3	6.7	6.1	
JAMESTOWN VII	6.0	6.0	76.7	6.7	6.3	6.0	5.7	5.7	6.0	6.1	
BAR FRC 123	3.7	5.7	78.0	6.0	6.3	6.0	6.0	5.7	5.3	5.9	
BYE	4.3	6.0	82.3	6.0	6.0	6.0	5.7	5.7	6.0	5.9	
DLFPS-FL-3104	6.3	6.3	86.0	5.0	6.3	6.3	5.7	5.7	5.7	5.8	
SPHD-20	6.0	6.0	88.7	5.0	6.3	6.0	6.0	5.7	5.3	5.7	
PST-4SHAD	4.0	6.0	77.0	7.0	6.0	6.0	5.0	5.3	5.0	5.7	
COMPASS II	4.0	6.0	79.0	6.0	6.0	5.7	5.0	5.7	5.3	5.6	
STB1	5.0	4.7	75.7	6.0	5.0	5.0	6.0	6.0	5.7	5.6	
DA5-RHF	5.3	6.0	84.3	4.3	5.3	6.3	5.7	5.7	5.7	5.5	
5Z5	5.0	5.7	79.0	6.3	5.0	5.7	5.3	5.0	5.3	5.4	
PST-4SWTM	4.3	5.0	78.3	7.0	6.3	5.7	5.0	4.7	4.0	5.4	
RAD-FC59	7.7	6.0	80.0	5.3	6.3	5.3	5.0	5.0	5.3	5.4	
PPG-FRR-134	3.0	4.0	78.0	5.3	5.7	5.3	5.3	5.3	5.0	5.3	
RAD-FR64	7.3	6.0	78.7	5.7	5.3	5.0	4.7	5.3	5.3	5.2	
BLUE HORNET (PPG-FO-102)	7.3	6.0	89.3	5.0	5.0	5.3	5.0	4.7	5.7	5.1	
PPG-FRR 127	5.3	5.7	73.3	5.3	5.0	5.0	5.0	5.3	5.0	5.1	
PVF-HSY+	5.0	6.0	71.7	6.0	4.7	5.0	5.3	5.0	4.3	5.1	
BAR FO 131	5.7	6.0	63.3	5.0	5.7	5.3	5.0	4.7	4.3	5.0	
KEVIN	6.7	6.0	72.7	5.3	4.7	4.7	5.0	5.3	5.0	5.0	
BAR FT 135	7.0	5.7	79.3	4.3	5.0	4.7	4.7	4.7	4.7	4.7	
PPG-FRR 132	5.0	6.0	69.7	6.3	5.0	4.0	4.7	4.0	4.3	4.7	
QUATRO	6.0	6.3	88.7	4.3	4.7	4.7	4.3	4.3	5.0	4.6	
DLF-FRR-3128	5.3	5.7	66.7	4.7	5.0	4.3	4.3	4.7	4.3	4.6	
5Z2	5.3	6.0	74.7	4.7	5.0	4.7	4.3	4.3	4.0	4.5	
FOXFIRE 2	5.0	6.0	76.0	4.7	4.3	4.3	4.0	4.0	4.7	4.3	
BAR FT 132	7.0	6.0	79.0	5.0	5.0	4.3	4.0	4.0	3.7	4.3	
CARDINAL II	7.3	6.0	71.7	4.7	4.0	3.7	4.3	4.7	4.0	4.2	
BOREAL	2.0	4.0	48.0	5.0	3.3	3.7	3.0	2.7	2.3	3.3	
LSD VALUE	1.1	1.0	8.1	1.4	1.0	1.0	1.1	0.9	1.1	0.7	
C.V. (%)	13.8	9.1	6.6	14.6	11.0	11.1	12.6	11.1	13.2	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 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT RALEIGH, NC 1/  
2021 DATA

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

NAME	GENETIC		SEEDLING VIGOR	DENSITY RATINGS			QUALITY					QUALITY RATINGS					MEAN		
	COLOR	LEAF TEXTURE		SPRING	SUMMER	FALL	NOV 2020	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		OCT	NOV
PVF-HSY+	7.7	8.0	5.7	7.7	9.0	7.3	4.7	5.0	4.7	4.0	5.0	6.3	6.7	7.0	8.0	4.7	4.7	8.0	5.8
5Z5	8.0	8.0	3.3	8.3	9.0	7.7	4.3	4.3	4.3	4.7	6.0	8.0	7.7	6.3	6.3	4.3	4.3	6.0	5.7
PPG-FRR 127	8.0	7.7	3.3	6.7	8.0	7.0	4.7	5.0	4.3	4.0	4.0	5.3	6.3	6.0	8.0	5.0	5.0	7.7	5.5
PPG-FRR-134	8.0	7.7	3.3	8.0	8.3	7.7	5.0	5.0	5.0	4.7	5.7	7.0	7.3	6.3	6.3	3.7	4.3	5.3	5.5
STB1	8.7	8.0	4.0	7.3	8.7	7.3	4.7	5.0	4.7	4.7	5.0	6.3	6.7	6.7	7.7	4.0	4.0	5.7	5.5
5Z2	8.0	8.0	3.7	8.3	9.0	7.3	4.3	4.7	4.3	4.7	5.3	7.7	7.0	7.0	6.3	3.3	3.7	4.7	5.3
BYE	7.7	8.0	2.7	7.7	9.0	7.3	4.0	4.3	4.3	4.3	5.3	6.0	6.7	6.7	6.7	4.0	4.0	6.0	5.3
NAI-CHU1	8.7	8.3	4.7	8.7	9.0	8.3	4.7	4.0	4.0	4.3	5.0	6.7	6.3	6.3	7.3	3.7	4.3	5.3	5.2
PPG-FRR 132	8.0	8.0	2.3	7.3	9.0	7.0	3.7	4.0	4.0	4.0	4.7	5.3	6.0	7.0	6.7	4.0	4.7	6.3	5.2
PST-4SHAD	8.0	8.3	4.3	8.0	9.0	8.0	4.7	4.7	4.7	4.3	5.0	6.0	6.3	6.7	7.3	3.7	3.3	5.3	5.2
BRITTANY 2	8.3	8.3	3.0	8.7	9.0	8.3	3.7	4.0	3.7	4.0	4.3	6.7	7.0	6.7	7.3	3.3	3.7	5.7	5.1
JAMESTOWN VII	8.0	8.3	4.3	8.3	8.7	8.3	4.0	4.0	4.0	4.0	5.0	6.7	6.7	6.7	6.3	3.7	4.0	5.5	5.1
PPG-FRC-130	8.7	8.3	3.3	8.3	9.0	8.7	4.3	4.7	4.0	4.7	5.7	7.0	7.0	7.3	5.7	2.7	2.3	3.7	5.0
DLFPS-FRC-3105	8.3	8.3	2.7	8.7	8.7	8.7	4.3	4.3	4.0	4.3	4.7	6.3	6.7	6.3	6.7	3.3	3.3	4.0	4.9
CARDINAL II	8.7	7.7	4.3	7.7	8.7	7.3	4.3	4.7	4.3	4.0	5.0	6.7	6.0	5.7	6.0	3.0	3.3	4.7	4.8
COMPASS II	8.7	8.0	3.3	8.3	9.0	8.3	4.3	4.3	4.0	4.3	4.7	6.3	6.0	6.7	6.0	2.7	3.0	5.0	4.8
KEVIN	8.3	8.0	4.7	7.7	7.7	7.3	4.7	5.0	4.7	4.0	4.7	6.7	6.3	6.0	5.3	2.3	3.7	4.3	4.8
PPG-FRC 127	8.0	8.0	4.3	8.3	8.7	8.7	4.0	4.3	4.3	4.0	4.0	6.7	6.3	7.0	6.3	3.0	2.7	4.0	4.8
PST-4SWTM	8.0	8.3	3.0	8.3	9.0	8.3	4.0	4.0	4.0	4.0	4.0	5.0	5.0	6.0	6.7	4.0	4.3	5.7	4.8
PVF-MVP-2020	8.7	8.0	3.7	8.3	8.7	8.3	3.7	4.0	3.7	4.3	5.0	6.3	6.7	6.0	6.0	3.0	2.7	3.7	4.7
BAR FRC 130	7.0	8.3	4.3	8.7	8.3	8.3	4.3	5.7	4.7	4.0	4.3	6.0	6.3	6.3	5.0	2.7	2.7	3.3	4.6
DLF-FRR-3128	8.0	7.3	4.3	8.0	9.0	7.7	4.3	4.3	4.3	4.7	6.0	6.7	6.3	5.7	4.7	1.7	2.7	3.7	4.6
BAR FRC 123	7.7	8.0	3.3	8.3	9.0	8.0	3.7	4.7	4.0	4.0	5.0	6.3	6.3	5.3	4.3	1.3	2.3	3.0	4.2
SEABREEZE GT	7.0	8.3	3.3	8.3	8.3	8.0	4.3	5.0	5.0	4.3	5.7	6.0	6.3	5.0	3.7	1.0	1.3	2.3	4.2
FOXFIRE 2	8.0	7.3	2.0	7.3	8.3	7.3	3.0	3.7	3.3	3.7	3.7	4.7	4.7	5.3	5.7	2.7	3.3	4.0	4.1
BAR FRL 122	7.3	8.3	4.3	8.3	9.0	8.3	3.3	4.3	4.0	4.0	4.0	5.7	5.0	5.0	4.7	2.3	2.7	3.3	4.1
PPG-FL 128	9.0	8.0	2.3	8.0	8.7	9.0	3.3	3.7	3.7	3.7	4.0	4.3	4.3	4.7	4.7	3.7	3.0	4.0	4.0
RAD-FC59	9.0	8.7	3.0	7.7	8.3	8.7	3.3	4.0	3.7	3.7	4.0	5.0	4.3	5.3	6.3	2.0	2.0	3.3	4.0
RAD-FR64	8.3	7.3	2.7	8.0	8.3	7.7	3.7	4.3	4.0	4.3	4.3	5.7	5.3	5.7	4.3	1.3	1.7	2.3	3.9
DLFPS-FL-3104	9.0	9.0	3.0	8.7	8.0	8.3	4.0	4.3	3.3	3.7	3.7	4.7	3.7	3.7	4.0	2.7	3.7	4.7	3.8
BOREAL	8.0	7.7	4.3	7.7	5.3	8.0	4.3	4.7	4.3	4.3	5.7	5.7	5.3	4.0	2.3	1.0	1.7	2.7	3.8
BAR FO 131	8.3	8.7	2.7	7.3	8.3	8.7	3.3	3.7	3.0	4.0	3.7	4.7	4.7	4.7	3.7	1.7	2.7	2.7	3.5
GLADIATOR	8.7	9.0	3.7	7.7	8.3	9.0	4.0	4.0	4.0	3.7	3.7	4.3	3.3	3.7	3.0	2.3	2.3	3.3	3.4
SPHD-20	9.0	8.0	3.0	7.3	9.0	9.0	3.0	3.7	3.0	3.0	3.3	4.3	3.7	3.3	3.3	3.0	3.0	3.7	3.4
PVF-PDB-2020	8.7	9.0	3.7	7.3	8.0	9.0	3.7	3.7	3.7	3.0	3.0	5.3	3.7	4.0	4.0	2.0	2.7	2.7	3.4
NAI-HTB2	9.0	9.0	2.7	6.7	8.0	9.0	3.3	3.3	3.0	3.0	3.3	4.0	3.3	4.3	4.0	2.3	2.0	2.7	3.2
BAR FT 132	8.3	9.0	3.7	7.3	6.7	9.0	3.3	4.0	3.3	3.3	3.3	4.3	3.7	3.3	3.0	1.7	1.3	2.7	3.1
BAR FT 135	8.3	9.0	3.3	7.7	8.3	9.0	3.0	3.7	3.7	3.0	3.0	4.0	3.3	3.7	2.3	1.7	2.0	2.3	3.0
BLUE HORNET (PPG-FO-102)	8.0	9.0	2.7	7.3	8.0	9.0	3.3	4.0	4.0	3.7	3.3	4.3	3.3	3.7	3.0	1.0	1.0	2.0	3.0
RESOLUTE	8.3	9.0	3.3	7.3	8.3	8.7	3.0	4.0	3.3	3.0	3.0	4.0	2.7	3.3	3.0	1.3	2.0	2.3	2.9
NAI-HAQ1+2	8.7	7.0	2.7	6.7	8.3	9.0	3.3	3.3	3.3	3.0	3.0	4.0	2.7	3.7	2.3	1.0	1.5	2.0	2.9
QUATRO	8.3	8.0	3.7	7.7	8.0	9.0	3.7	4.7	4.0	3.7	3.0	4.0	3.0	2.7	2.0	1.3	1.0	2.0	2.8
DA5-RHF	8.3	6.0	2.3	6.0	8.0	8.7	3.3	3.3	3.0	3.0	3.0	3.7	2.7	3.0	2.3	1.3	2.0	2.3	2.7
LSD VALUE	0.7	1.4	4.0	3.0	1.4	0.8	1.4	1.1	1.1	0.7	1.5	1.4	1.3	1.0	1.9	1.4	1.4	1.7	0.6
C.V. (%)	5.1	8.7	36.6	12.5	8.8	6.1	17.2	13.7	14.8	10.8	19.9	15.3	15.5	13.0	23.4	32.4	28.4	26.2	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 14.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT RALEIGH, NC 1/  
2021 DATA

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

NAME	PERCENT GROUND COVER			WINTER COLOR	% POA ANNUA	PERCENT WEEDS			PERCENT ESTABLISHMENT	
	SPRING	SUMMER	FALL			JUNE	AUGUST	NOVEMBER	OCTOBER	NOVEMBER
PVF-HSY+	99	99.0	61.7	8.0	23.3	11.7	18.3	20.0	41.7	93.7
5Z5	99	99.0	81.7	8.0	15.0	5.0	10.0	13.3	30.0	80.0
PPG-FRR 127	99	99.0	93.3	8.0	36.7	13.3	15.0	13.7	31.7	88.3
PPG-FRR-134	99	99.0	83.3	8.0	25.0	8.3	10.0	13.3	31.7	86.7
STB1	99	99.0	75.0	8.3	23.3	6.7	16.7	15.0	33.3	89.7
5Z2	99	99.0	68.3	8.0	18.3	5.0	11.7	15.0	31.7	78.3
BYE	99	99.0	80.0	7.7	21.7	10.0	15.0	21.7	28.3	78.3
NAI-CHU1	99	99.0	81.7	8.0	26.7	5.3	13.3	13.3	38.3	88.3
PPG-FRR 132	99	99.0	81.7	8.0	28.3	13.3	21.7	23.3	22.7	78.3
PST-4SHAD	99	99.0	66.7	8.0	26.7	13.3	15.0	13.3	35.0	90.0
BRITTANY 2	99	99.0	75.0	8.0	50.0	8.3	15.0	18.3	26.7	75.0
JAMESTOWN VII	99	99.0	80.0	8.0	30.0	8.3	11.7	15.0	36.7	80.0
PPG-FRC-130	99	99.0	63.0	8.0	20.0	10.0	18.3	18.3	28.3	85.0
DLFPS-FRC-3105	99	99.0	70.0	8.0	26.7	10.0	16.7	18.3	23.3	80.0
CARDINAL II	99	97.7	70.0	7.7	21.7	13.3	16.7	15.0	33.3	86.7
COMPASS II	99	99.0	66.7	8.3	30.0	13.3	20.0	21.7	28.3	81.7
KEVIN	99	99.0	66.7	7.7	23.3	10.0	13.3	11.7	36.7	86.7
PPG-FRC 127	99	69.3	58.3	8.3	31.7	13.3	16.7	18.3	36.7	82.3
PST-4SWTM	99	99.0	81.0	7.7	36.7	18.3	13.3	20.0	30.0	80.0
PVF-MVP-2020	99	98.3	55.0	8.3	26.7	11.7	13.3	18.3	26.7	73.3
BAR FRC 130	99	99.0	56.0	7.7	28.3	15.0	21.7	16.7	40.0	88.0
DLF-FRR-3128	99	98.3	55.0	8.0	25.0	11.7	15.0	16.0	30.0	80.0
BAR FRC 123	99	99.0	46.7	8.0	38.3	18.3	13.3	18.3	26.7	76.7
SEABREEZE GT	99	94.0	24.3	7.3	23.3	11.7	16.7	20.0	31.0	85.0
FOXFIRE 2	99	92.7	68.3	7.7	40.0	28.3	15.0	21.7	20.0	71.7
BAR FRL 122	99	96.3	56.7	6.7	43.3	16.7	15.0	16.7	33.3	80.0
PPG-FL 128	99	88.0	68.3	7.0	51.7	25.0	11.7	15.0	21.7	70.0
RAD-FC59	99	99.0	43.3	8.7	53.3	20.0	16.7	18.3	26.7	73.3
RAD-FR64	99	94.3	30.0	8.3	38.3	16.7	16.7	25.0	21.7	75.0
DLFPS-FL-3104	99	80.0	70.0	8.0	55.0	28.3	15.0	24.3	28.3	75.0
BOREAL	99	75.0	25.0	6.7	30.0	11.7	16.7	16.7	30.0	85.0
BAR FO 131	99	90.0	46.7	8.0	75.0	28.3	11.7	20.0	18.3	70.0
GLADIATOR	99	76.7	44.3	7.7	70.0	30.0	16.7	20.0	38.3	81.7
SPHD-20	99	73.3	55.0	8.0	70.0	45.0	20.0	28.3	25.0	70.0
PVF-PDB-2020	99	86.7	46.7	7.0	76.7	41.7	21.7	26.7	28.3	80.0
NAI-HTB2	99	83.3	47.7	6.7	70.0	45.0	15.0	25.0	23.3	71.7
BAR FT 132	99	73.3	33.3	8.3	65.0	40.0	18.3	28.3	30.0	73.3
BAR FT 135	99	68.3	45.0	7.3	76.7	60.0	21.7	28.3	26.7	73.3
BLUE HORNET (PPG-FO-102)	99	75.0	21.0	7.0	60.0	40.0	15.0	20.0	23.3	71.7
RESOLUTE	99	66.7	40.0	8.3	83.3	53.3	20.0	27.7	28.3	78.3
NAI-HAQ1+2	99	70.0	25.0	7.3	81.7	48.3	16.7	21.7	23.3	66.7
QUATRO	99	53.3	30.0	7.7	73.3	51.7	23.3	26.7	28.3	78.3
DA5-RHF	99	61.7	45.0	7.3	76.7	53.3	20.0	30.0	23.3	75.0
LSD VALUE	0	17.3	27.2	1.2	28.1	16.6	15.8	11.6	27.3	23.1
C.V. (%)	0	11.9	27.9	7.7	40.1	48.2	32.1	29.3	30.2	11.5

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

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

TABLE 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT NORTH BRUNSWICK, NJ 1/  
2021 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	GRAY LEAF SPOT	PERCENT ESTABLISHMENT	QUALITY RATINGS								MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT		
PPG-FRC 127	6.0	6.3	6.0	45.0	6.3	7.3	6.7	5.0	6.0	8.0	8.0	6.8	
BRITTANY 2	5.0	8.0	5.3	48.3	7.3	6.3	5.0	4.7	6.0	7.3	7.3	6.3	
DLFPS-FRC-3105	4.3	6.0	6.3	45.0	6.3	6.3	6.7	4.3	5.7	7.3	6.7	6.2	
PPG-FRC-130	5.0	6.3	5.7	41.7	5.7	6.3	5.7	4.7	5.0	8.0	6.7	6.0	
PVF-PDB-2020	8.7	2.0	7.3	31.7	4.0	6.0	7.3	4.7	5.0	6.0	7.3	5.8	
NAI-CHU1	5.3	5.7	4.7	35.0	5.7	5.0	5.7	4.3	4.3	7.7	7.3	5.7	
BYE	6.0	3.0	5.7	38.3	5.7	5.3	5.7	5.0	5.3	6.0	6.0	5.6	
PPG-FRR 132	4.3	3.7	6.3	45.0	5.3	6.0	6.3	5.3	5.3	5.7	5.0	5.6	
5Z2	7.0	2.7	5.3	38.3	4.0	3.7	4.7	5.3	5.7	6.3	7.3	5.3	
5Z5	6.3	2.7	5.3	36.7	4.3	4.0	5.0	5.0	5.7	6.7	6.7	5.3	
PPG-FRR 127	6.3	3.3	4.7	51.7	4.3	4.3	5.0	5.3	5.7	6.0	6.3	5.3	
PVF-MVP-2020	5.0	6.3	4.0	41.7	5.0	5.7	5.0	4.3	4.0	7.0	6.0	5.3	
RAD-FC59	6.7	4.7	4.7	26.7	5.0	6.0	5.3	4.0	4.7	6.3	6.0	5.3	
COMPASS II	5.0	5.3	5.3	28.3	4.3	5.3	5.7	3.3	4.7	7.0	6.3	5.2	
STB1	5.0	3.0	6.3	40.0	5.0	5.0	5.3	5.3	5.3	5.7	5.0	5.2	
PVF-HSY+	5.7	4.3	5.0	35.0	3.7	5.0	5.3	5.3	4.7	6.3	5.3	5.1	
BAR FRC 130	3.3	8.0	3.7	38.3	6.3	4.0	4.7	4.0	4.3	6.3	5.0	5.0	
BAR FT 135	8.0	3.3	5.0	31.7	4.0	4.7	5.3	3.3	4.7	5.0	6.7	4.8	
PPG-FL 128	7.3	2.3	6.3	26.7	3.3	4.0	5.7	4.0	5.3	5.0	6.0	4.8	
PST-4SWTM	5.0	5.3	3.7	41.7	6.0	5.0	4.7	3.7	4.3	5.3	4.7	4.8	
DA5-RHF	8.0	2.0	6.3	18.3	3.7	4.3	6.7	3.7	4.3	5.0	5.3	4.7	
BAR FRL 122	5.0	6.0	3.3	36.7	5.3	5.0	4.0	3.3	3.3	5.3	5.7	4.6	
JAMESTOWN VII	4.3	6.0	2.7	30.0	4.3	4.7	3.7	3.3	4.3	7.3	4.3	4.6	
NAI-HTB2	8.7	1.7	6.0	18.3	3.3	3.7	5.3	4.7	4.7	4.7	6.0	4.6	
BAR FRC 123	2.7	5.3	3.7	28.3	4.3	4.7	4.3	3.3	4.0	5.7	5.0	4.5	
FOXFIRE 2	5.3	3.3	5.3	20.0	3.7	4.7	5.0	4.0	3.7	5.7	5.0	4.5	
CARDINAL II	6.0	4.7	5.0	28.3	4.0	3.7	5.3	4.7	4.3	4.7	4.7	4.5	
PST-4SHAD	2.3	6.3	3.3	46.7	6.0	4.3	4.0	3.3	3.3	6.0	4.7	4.5	
PPG-FRR-134	5.7	3.3	7.0	31.7	3.3	3.3	5.0	5.3	5.0	5.0	3.7	4.4	
DLFPS-FL-3104	8.3	2.0	7.0	23.3	3.0	3.3	5.3	4.3	4.3	4.7	5.3	4.3	
BAR FT 132	7.7	3.3	4.0	21.7	3.7	4.7	5.0	3.0	4.0	4.7	5.0	4.3	
DLF-FRR-3128	5.7	3.0	4.7	48.3	4.3	4.3	4.7	4.0	3.3	5.0	4.7	4.3	
RAD-FR64	7.0	2.7	3.3	31.7	3.7	4.3	4.7	3.7	3.3	5.0	5.7	4.3	
SPHD-20	8.3	2.0	6.3	20.0	2.7	3.3	5.7	3.3	3.3	4.3	4.7	3.9	
BAR FO 131	5.3	3.0	3.7	25.0	3.7	4.3	4.7	2.7	3.0	4.7	4.0	3.9	
BLUE HORNET (PPG-FO-102)	8.0	3.0	4.3	25.0	3.3	4.3	4.3	3.0	4.0	3.0	4.0	3.7	
RESOLUTE	8.3	2.7	5.7	21.7	2.7	3.3	3.7	3.3	4.0	4.0	4.3	3.6	
SEABREEZE GT	4.7	4.3	4.0	43.3	4.0	3.0	3.7	3.3	3.0	3.7	4.3	3.6	
KEVIN	6.3	3.3	2.7	38.3	3.3	3.3	3.3	2.3	3.3	4.7	4.7	3.6	
NAI-HAQ1+2	8.7	1.3	6.0	5.3	1.0	2.0	2.7	3.0	4.0	3.7	4.7	3.0	
GLADIATOR	8.0	1.3	6.0	7.7	1.7	2.0	2.7	2.7	3.0	3.3	4.3	2.8	
QUATRO	7.3	1.0	5.0	5.3	1.7	2.0	2.7	3.0	2.7	3.0	3.0	2.6	
BOREAL	4.0	3.3	1.0	43.3	3.7	2.3	2.0	1.3	1.3	2.7	2.3	2.2	
LSD VALUE	1.4	1.5	1.6	18.3	1.4	1.5	1.7	1.6	1.4	1.3	1.4	0.8	
C.V. (%)	15.4	25.6	20.7	33.2	20.9	21.1	21.1	23.4	19.2	15.4	16.8	11.1	

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

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

TABLE 16.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT ADELPHIA, NJ 1/  
2021 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	FALL DENSITY	PERCENT GROUND COVER				QUALITY RATINGS					MEAN
				FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
PPG-FRC-130	4.3	6.3	6.7	96.0	8.3	6.3	6.3	6.7	5.7	5.3	7.0	5.3	6.4
DLFPS-FL-3104	7.0	5.7	8.0	97.7	5.0	5.0	5.3	6.7	7.7	7.3	7.0	6.7	6.3
NAI-HTB2	6.3	4.0	8.3	99.0	5.0	5.0	4.7	6.0	8.3	7.7	7.0	6.3	6.3
PPG-FRR-134	4.7	6.0	6.3	96.3	7.3	6.0	5.3	7.0	6.3	6.7	6.0	5.7	6.3
DLFPS-FRC-3105	4.3	6.0	6.7	93.0	8.0	6.7	7.3	7.0	5.7	4.0	6.0	4.7	6.2
PPG-FRC 127	4.3	7.7	6.3	94.7	7.7	6.3	6.0	6.3	6.7	5.7	5.7	5.3	6.2
PVF-MVP-2020	4.7	6.0	5.7	97.7	8.0	6.0	6.0	7.0	6.0	5.3	6.3	5.0	6.2
PPG-FL 128	4.3	7.7	8.7	97.7	5.3	5.3	5.3	5.3	7.3	6.7	7.7	6.0	6.1
BYE	5.7	6.7	5.7	93.0	6.0	6.3	6.3	6.0	6.3	6.0	5.7	5.0	6.0
NAI-CHU1	5.0	7.0	7.0	96.3	7.7	6.3	6.0	6.3	4.7	5.3	6.3	4.7	5.9
BRITTANY 2	4.7	7.0	6.3	91.3	7.7	6.0	6.0	5.3	5.0	4.3	5.7	6.0	5.8
NAI-HAQ1+2	5.3	6.3	7.3	94.7	5.3	4.7	5.3	5.7	7.0	6.7	6.3	5.3	5.8
PPG-FRR 127	6.0	6.0	5.3	93.3	6.0	5.3	5.7	6.0	6.3	6.0	5.3	5.3	5.8
PVF-PDB-2020	4.7	5.3	7.3	96.0	5.3	4.3	4.7	5.3	6.7	6.0	6.3	6.0	5.6
SPHD-20	5.7	5.3	6.7	97.7	4.7	4.0	4.7	5.3	6.7	6.0	6.7	6.3	5.5
PPG-FRR 132	6.0	6.0	5.7	88.3	6.0	6.0	5.7	6.0	5.0	5.0	5.0	5.0	5.5
STB1	6.0	5.7	5.3	92.7	6.3	5.7	6.0	6.7	5.0	4.7	5.0	5.0	5.5
5Z5	5.7	6.0	5.0	89.7	6.3	5.0	5.0	5.7	5.7	5.0	5.3	4.3	5.3
JAMESTOWN VII	5.3	6.3	6.0	91.7	6.3	6.3	5.7	4.7	4.7	4.3	5.0	5.0	5.3
PVF-HSY+	5.7	6.7	5.3	91.3	6.3	5.3	4.3	5.0	5.3	4.3	5.0	5.0	5.1
RESOLUTE	7.0	3.3	7.7	97.7	5.0	3.3	2.7	4.3	6.0	5.3	6.7	6.3	5.0
COMPASS II	4.7	6.0	5.0	86.7	7.0	5.7	4.7	4.3	4.3	4.0	4.3	4.7	4.9
DA5-RHF	6.0	2.7	7.3	96.3	5.0	3.7	4.0	4.7	6.3	5.0	5.0	5.7	4.9
PST-4SWTM	7.3	5.3	5.0	86.7	6.7	5.3	5.3	4.3	5.0	3.7	4.7	4.3	4.9
FOXFIRE 2	6.3	1.3	4.3	83.3	6.3	6.0	4.7	4.7	3.7	4.3	4.3	4.7	4.8
BLUE HORNET (PPG-FO-102)	5.3	5.0	6.7	96.0	5.0	3.3	3.7	4.0	5.7	5.0	5.7	5.7	4.8
CARDINAL II	6.7	6.0	6.0	90.0	6.0	4.7	5.3	5.3	3.7	4.3	3.7	4.3	4.7
RAD-FC59	8.7	3.7	5.0	90.0	5.7	5.0	5.0	4.7	3.7	3.7	4.7	5.0	4.7
SEABREEZE GT	1.0	6.3	5.0	83.3	5.7	5.0	5.0	4.3	4.3	3.7	4.0	4.3	4.5
5Z2	6.0	6.7	5.3	88.3	6.0	4.7	4.3	3.7	4.7	4.3	4.0	4.7	4.5
BAR FT 135	4.7	5.0	6.3	96.3	5.3	3.0	4.3	3.7	5.3	4.0	5.3	5.3	4.5
DLF-FRR-3128	6.3	6.7	4.3	83.3	6.7	4.7	4.7	4.7	3.3	3.3	3.3	4.3	4.4
BAR FT 132	6.3	4.7	7.3	93.0	5.3	3.0	3.0	3.7	4.7	5.3	4.7	5.0	4.3
GLADIATOR	4.0	7.0	7.0	86.7	5.0	3.0	4.0	3.3	4.3	3.7	4.0	4.3	4.0
BAR FO 131	8.0	3.0	4.0	83.3	6.7	4.3	4.7	4.7	3.0	2.7	3.3	3.0	4.0
BAR FRC 130	6.0	5.3	6.0	83.3	7.3	4.0	4.3	2.0	3.0	3.3	3.7	4.7	4.0
BAR FRL 122	4.3	5.3	5.7	73.3	6.7	4.0	4.0	2.7	3.3	2.7	4.0	4.3	4.0
PST-4SHAD	6.0	6.7	4.7	71.7	6.7	4.7	4.7	3.3	2.0	2.3	3.7	4.3	4.0
RAD-FR64	8.0	5.3	4.3	83.3	5.7	4.3	4.0	4.0	3.3	3.7	4.0	3.3	4.0
KEVIN	7.0	7.3	3.0	58.3	6.0	4.3	4.7	3.7	3.0	3.0	3.0	3.3	3.9
QUATRO	5.0	6.0	6.3	93.0	4.7	2.3	2.0	2.0	4.7	4.7	4.3	4.7	3.7
BAR FRC 123	5.7	7.7	5.0	73.3	7.3	3.0	3.3	1.0	2.3	2.0	2.7	3.7	3.2
BOREAL	6.0	8.0	2.7	45.0	5.0	3.0	2.7	1.0	1.0	1.3	1.7	2.0	2.2
LSD VALUE	1.3	1.9	2.3	14.7	0.8	2.0	1.7	2.2	1.6	2.6	2.2	1.7	1.4
C.V. (%)	14.6	20.0	22.2	10.1	8.3	23.4	21.0	28.1	21.0	31.4	25.7	19.6	16.6

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

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

TABLE 17.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT CORVALLIS, OR 1/  
2021 DATA

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

NAME	SEEDLING	QUALITY RATINGS							MEAN
	VIGOR	MAY	JUL	AUG	SEP	OCT	NOV		
STB1	5.3	4.0	6.0	6.3	6.3	6.3	5.3	5.7	
5Z5	4.7	3.3	5.7	6.0	5.7	6.3	5.0	5.3	
PPG-FRR 132	4.7	4.0	6.0	6.0	5.3	5.7	5.0	5.3	
BYE	5.3	4.0	5.7	6.0	6.0	5.7	4.0	5.2	
PPG-FRR 127	5.0	4.0	6.0	6.0	4.7	5.7	4.7	5.2	
BRITTANY 2	6.0	4.3	6.7	5.7	4.7	5.0	4.0	5.1	
DLF-FRR-3128	4.3	4.0	5.0	6.3	5.3	5.3	4.3	5.1	
KEVIN	5.0	4.3	5.0	5.7	5.3	5.3	4.7	5.1	
PPG-FRR-134	5.0	3.0	5.3	6.3	6.0	5.7	4.3	5.1	
5Z2	4.3	3.3	5.3	6.3	5.3	5.7	4.0	5.0	
COMPASS II	5.3	3.7	6.3	5.7	5.0	5.0	4.3	5.0	
DLFPS-FRC-3105	6.0	4.0	6.3	5.7	5.0	5.0	3.7	4.9	
PST-4SHAD	5.7	5.0	6.0	5.3	4.3	4.3	4.3	4.9	
PVF-HSY+	5.0	3.7	5.3	5.7	4.7	5.7	4.7	4.9	
NAI-CHU1	5.3	3.7	6.3	5.3	5.0	5.0	3.7	4.8	
CARDINAL II	4.3	3.7	5.3	5.3	4.7	5.3	4.0	4.7	
RAD-FR64	4.3	3.3	5.3	5.7	4.7	4.7	4.7	4.7	
BAR FRC 130	5.7	3.7	6.0	5.3	3.7	4.7	4.0	4.6	
PVF-MVP-2020	5.3	4.0	6.3	4.7	4.3	4.3	4.0	4.6	
PST-4SWTM	4.7	4.7	5.7	5.0	3.7	4.3	3.7	4.5	
PPG-FRC-130	5.7	4.0	6.7	4.7	4.0	3.7	3.3	4.4	
RAD-FC59	4.7	4.0	6.0	5.0	4.0	4.0	3.3	4.4	
BAR FRC 123	5.3	3.7	6.0	5.3	4.0	3.3	3.3	4.3	
JAMESTOWN VII	4.3	3.7	6.0	5.0	4.0	4.3	3.0	4.3	
PPG-FRC 127	5.3	3.7	6.3	5.3	3.7	3.7	3.0	4.3	
FOXFIRE 2	2.0	2.7	5.0	5.0	4.0	4.3	4.0	4.2	
SEABREEZE GT	6.3	4.0	5.0	5.0	3.7	3.7	4.0	4.2	
BAR FRL 122	5.7	3.7	6.0	4.7	3.3	3.3	3.7	4.1	
BOREAL	4.3	3.3	4.7	4.3	3.7	3.7	4.0	3.9	
BAR FT 132	3.3	2.7	5.0	4.3	3.0	3.0	3.0	3.5	
DLFPS-FL-3104	3.3	2.3	4.3	4.3	3.3	3.0	3.0	3.4	
NAI-HTB2	2.7	2.7	4.7	3.7	3.3	3.3	3.0	3.4	
GLADIATOR	2.7	2.3	4.3	4.3	3.0	2.7	3.0	3.3	
QUATRO	4.0	3.0	5.0	3.7	2.3	2.3	2.7	3.2	
BAR FO 131	4.0	2.3	5.0	3.7	2.7	2.7	2.7	3.2	
BLUE HORNET (PPG-FO-102)	4.0	3.0	5.0	4.0	2.3	2.3	2.7	3.2	
DA5-RHF	2.0	2.0	4.3	4.0	3.3	2.7	3.0	3.2	
PVF-PDB-2020	2.0	2.0	4.3	3.7	3.3	3.0	3.0	3.2	
BAR FT 135	2.3	2.0	4.0	3.3	3.3	3.0	3.0	3.1	
PPG-FL 128	3.0	2.3	4.7	3.7	2.7	2.7	2.7	3.1	
RESOLUTE	2.3	2.0	4.0	3.3	2.7	3.0	3.0	3.0	
SPHD-20	2.7	2.0	4.3	3.3	2.7	2.0	2.7	2.8	
NAI-HAQ1+2	2.3	2.0	4.3	3.0	2.3	2.0	2.3	2.7	
LSD VALUE	1.1	0.6	0.7	0.9	1.2	1.1	0.9	0.5	
C.V. (%)	16.7	12.5	8.7	11.9	19.1	17.1	15.2	8.1	

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

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

TABLE 18.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT KENNETT SQUARE, PA 1/  
2021 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	SEEDLING VIGOR	QUALITY NOV 2020	MAR	APR	MAY	QUALITY RATINGS					MEAN	
								JUN	JUL	AUG	SEP	OCT		NOV
5Z5	6.0	5.0	4.3	6.0	7.0	7.0	7.3	7.0	6.3	6.3	7.7	6.3	7.3	6.9
BLUE HORNET (PPG-FO-102)	5.7	4.3	2.0	6.0	6.0	6.0	6.3	6.0	7.3	7.3	7.0	8.0	8.0	6.9
5Z2	6.3	5.0	3.3	5.3	6.7	6.7	7.0	6.7	6.7	6.7	7.7	5.7	7.3	6.8
BYE	5.7	4.0	3.7	5.3	6.3	6.7	7.0	7.0	6.7	6.7	7.3	6.3	7.0	6.8
CARDINAL II	6.7	4.7	3.7	5.3	6.7	6.7	6.7	6.7	6.7	6.7	7.7	6.3	7.3	6.8
RAD-FR64	7.0	4.7	3.3	5.3	7.0	6.7	6.7	6.3	6.7	7.3	7.3	6.3	7.0	6.8
BAR FT 135	6.3	4.3	3.0	5.7	5.7	6.3	6.3	6.7	7.3	7.7	6.7	7.0	7.0	6.7
DA5-RHF	6.3	4.3	2.3	4.3	6.7	6.7	6.3	6.3	6.7	7.0	7.3	6.3	7.3	6.7
PPG-FRR 127	6.0	4.3	3.3	4.7	6.3	6.3	6.3	6.3	7.3	7.3	6.7	6.0	7.3	6.7
PPG-FRR-134	6.0	4.7	3.3	5.0	6.7	6.3	6.3	6.3	7.0	7.0	7.7	5.7	7.0	6.7
DLFPS-FL-3104	6.3	4.0	3.3	5.7	6.0	6.0	6.0	6.0	7.0	7.0	6.7	7.3	7.3	6.6
FOXFIRE 2	6.7	4.3	2.3	4.3	6.3	6.3	6.7	7.0	6.3	6.3	7.0	6.7	7.0	6.6
DLF-FRR-3128	6.3	4.7	4.3	5.3	6.3	6.3	6.7	7.0	6.7	6.3	7.0	6.3	7.0	6.6
NAI-CHU1	6.0	5.0	3.3	5.3	7.0	6.7	6.7	6.0	6.0	6.3	7.3	6.0	7.0	6.6
NAI-HAQ1+2	6.0	4.3	2.7	5.3	6.0	6.0	6.0	6.0	6.7	6.7	7.0	7.3	7.3	6.6
PPG-FRC 127	5.0	4.7	3.3	5.3	6.3	6.3	6.3	6.3	6.7	6.7	7.7	5.7	7.0	6.6
PPG-FRC-130	6.0	5.3	3.7	6.7	7.0	6.7	7.0	6.0	6.0	5.7	7.3	6.3	7.7	6.6
PPG-FRR 132	6.0	5.0	3.7	5.3	6.3	6.3	6.7	7.0	5.7	5.7	7.0	7.0	7.3	6.6
PVF-PDB-2020	5.7	4.0	2.3	5.3	6.3	6.3	6.0	6.7	6.7	6.7	7.0	6.7	7.0	6.6
RAD-FC59	6.7	5.0	3.3	6.0	6.7	6.7	7.3	6.7	6.0	5.7	6.3	6.7	7.0	6.6
QUATRO	5.3	4.7	2.3	6.0	6.3	6.3	6.0	6.3	6.7	7.0	6.7	7.0	6.0	6.5
RESOLUTE	6.3	4.0	2.7	5.0	5.3	5.7	6.3	6.3	6.7	6.3	6.7	8.0	7.3	6.5
NAI-HTB2	5.0	4.3	2.7	5.3	6.3	6.3	6.0	6.7	6.7	7.0	7.3	5.3	7.0	6.5
PPG-FL 128	5.3	4.0	3.7	5.0	6.0	6.7	6.7	6.3	7.0	7.3	6.7	5.3	6.7	6.5
BAR FRC 123	6.0	5.0	3.7	5.7	7.0	6.7	6.3	5.7	6.0	6.0	6.3	6.3	7.0	6.4
BRITTANY 2	6.0	4.7	2.7	4.7	6.3	6.0	6.7	6.3	6.0	6.3	6.7	6.0	7.3	6.4
GLADIATOR	5.7	5.0	3.0	5.7	5.3	6.0	7.0	6.7	6.7	6.7	6.0	6.3	7.3	6.4
BAR FO 131	6.0	4.7	2.3	5.0	6.3	6.0	6.0	6.0	6.7	6.7	7.0	6.3	7.0	6.4
BAR FRC 130	6.0	4.7	3.3	6.0	6.7	7.0	6.7	6.0	6.0	5.7	6.7	5.7	7.0	6.4
BAR FRL 122	5.7	5.0	3.3	6.0	6.7	6.7	6.7	6.3	5.7	5.7	7.0	6.0	7.0	6.4
BAR FT 132	6.3	4.7	2.3	5.0	5.7	6.0	6.0	6.0	6.3	6.0	7.0	7.7	7.0	6.4
COMPASS II	5.3	5.0	3.3	6.0	6.3	6.3	6.3	6.7	6.0	6.0	6.7	5.7	7.3	6.4
KEVIN	6.7	5.0	3.3	5.7	6.3	6.7	7.0	6.3	6.0	5.7	6.3	6.7	7.0	6.4
PVF-HSY+	6.0	4.3	3.3	5.0	6.7	7.0	6.7	6.0	6.3	6.3	6.7	5.3	7.0	6.4
SPHD-20	6.0	3.7	3.3	5.0	5.7	5.7	6.0	6.0	6.7	6.7	6.7	6.7	7.0	6.3
DLFPS-FRC-3105	5.0	4.7	3.0	5.0	6.7	6.3	6.0	5.7	6.3	6.3	7.3	5.0	7.3	6.3
PST-4SWTM	6.0	4.3	3.3	6.0	6.0	6.0	6.3	6.3	6.0	6.3	6.7	6.0	7.3	6.3
STB1	6.0	4.7	3.7	5.0	6.3	6.0	6.3	6.7	6.0	5.7	6.7	6.0	7.0	6.3
BOREAL	6.0	4.7	4.3	5.7	5.7	6.0	5.7	6.0	5.7	5.3	6.7	6.7	7.0	6.1
JAMESTOWN VII	5.7	4.7	3.3	6.3	6.0	6.3	7.0	6.0	5.3	5.0	6.3	6.7	6.7	6.1
PVF-MVP-2020	6.0	5.0	4.0	6.7	6.7	6.3	6.0	6.0	5.7	5.7	6.7	5.7	6.7	6.1
SEABREEZE GT	5.0	4.7	3.7	6.7	6.0	6.0	6.0	6.0	5.7	5.7	6.3	5.3	7.3	6.0
PST-4SHAD	5.7	4.0	4.0	5.7	6.3	6.0	5.7	6.0	5.3	5.3	6.7	6.3	6.7	6.0
LSD VALUE	1.2	1.4	1.3	1.6	1.7	1.2	1.4	1.2	1.7	1.7	1.6	1.8	1.6	0.8
C.V. (%)	9.7	11.7	20.7	13.3	9.9	7.5	9.1	7.9	11.2	12.5	8.9	13.4	7.1	4.8

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

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

TABLE 18.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT KENNETT SQUARE, PA 1/  
2021 DATA

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

NAME	SUMMER DENSITY	PERCENT GROUND COVER			WINTER COLOR	PYTHIUM JULY	PERCENT ESTABLISHMENT	
		SPRING	SUMMER	FALL			OCTOBER	NOVEMBER
5Z5	6.7	97.0	99.0	99.0	4.7	3.0	83.3	84.3
BLUE HORNET (PPG-FO-102)	5.7	98.0	99.0	99.0	3.7	13.3	75.0	83.3
5Z2	6.3	98.0	99.0	97.7	4.3	8.3	76.7	85.0
BYE	6.7	97.7	97.7	97.7	4.0	7.0	88.3	81.7
CARDINAL II	5.7	98.0	99.0	98.3	4.0	9.0	75.0	78.3
RAD-FR64	6.0	97.0	99.0	99.0	4.3	6.0	73.3	80.0
BAR FT 135	6.0	97.0	98.7	98.7	3.3	9.0	76.7	76.7
DA5-RHF	6.0	94.0	99.0	99.0	3.3	4.0	53.3	61.7
PPG-FRR 127	5.3	96.0	98.7	99.0	4.0	7.7	73.3	70.0
PPG-FRR-134	6.3	97.3	99.0	99.0	4.0	7.0	81.7	80.0
DLFPS-FL-3104	6.0	96.7	99.0	99.0	3.3	7.3	75.0	80.0
FOXFIRE 2	5.7	96.7	99.0	99.0	4.0	2.3	50.0	75.0
DLF-FRR-3128	6.3	98.3	99.0	98.0	4.0	17.0	81.7	81.7
NAI-CHU1	7.3	95.3	99.0	99.0	4.7	26.7	68.3	78.3
NAI-HAQ1+2	5.7	96.3	99.0	98.3	4.0	10.0	73.3	76.7
PPG-FRC 127	7.0	97.3	99.0	98.7	4.0	7.3	80.0	81.7
PPG-FRC-130	7.0	98.0	99.0	99.0	4.7	25.0	81.7	89.0
PPG-FRR 132	6.3	97.0	99.0	99.0	4.3	3.7	86.7	85.0
PVF-PDB-2020	6.0	96.7	99.0	98.3	3.7	7.3	66.7	75.0
RAD-FC59	6.7	98.3	99.0	99.0	4.3	36.7	73.3	85.0
QUATRO	6.3	97.3	99.0	99.0	4.0	11.7	73.3	83.3
RESOLUTE	6.0	96.3	98.7	97.7	3.3	13.7	83.3	76.7
NAI-HTB2	6.0	97.3	99.0	99.0	4.0	1.0	71.7	80.0
PPG-FL 128	7.0	93.3	99.0	99.0	4.0	1.0	66.7	68.3
BAR FRC 123	6.0	97.7	99.0	98.3	4.7	66.7	83.3	86.7
BRITTANY 2	6.7	96.7	99.0	99.0	4.0	12.0	73.3	81.7
GLADIATOR	7.0	96.7	97.7	97.7	4.0	20.7	68.3	81.7
BAR FO 131	5.3	94.0	98.3	99.0	4.0	5.3	65.0	70.0
BAR FRC 130	6.3	95.3	99.0	98.3	4.3	40.0	71.7	80.0
BAR FRL 122	6.7	97.7	98.7	99.0	3.7	23.3	83.3	89.3
BAR FT 132	5.7	96.3	97.7	98.3	3.3	20.3	63.3	73.3
COMPASS II	6.7	97.7	99.0	99.0	4.3	15.7	70.0	81.7
KEVIN	6.3	98.0	99.0	98.7	4.3	10.7	80.0	76.7
PVF-HSY+	5.7	96.0	99.0	99.0	4.0	6.7	66.7	73.3
SPHD-20	5.7	95.0	99.0	97.7	3.3	11.7	81.7	81.7
DLFPS-FRC-3105	6.3	96.7	99.0	99.0	4.0	13.7	70.0	73.3
PST-4SWTM	6.0	97.7	99.0	99.0	3.7	9.0	86.7	85.0
STB1	5.7	95.0	99.0	99.0	4.0	4.7	66.7	73.3
BOREAL	5.3	98.0	99.0	99.0	3.7	30.0	78.3	81.7
JAMESTOWN VII	6.7	97.3	99.0	99.0	4.0	13.7	83.3	83.3
PVF-MVP-2020	5.7	97.3	98.7	98.3	4.3	40.0	86.7	85.0
SEABREEZE GT	6.0	97.7	99.0	98.3	4.0	28.3	76.7	86.7
PST-4SHAD	5.7	97.7	99.0	98.7	4.0	23.3	83.3	85.0
LSD VALUE	2.0	6.4	2.5	3.5	1.0	21.7	46.1	37.6
C.V. (%)	12.1	2.0	0.7	0.9	11.5	83.5	18.7	12.9

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 19.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT QUEBEC CITY (CANADA), QE 1/  
2021 DATA

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

NAME	GENETIC COLOR	SUMMER DENSITY	PERCENT COVER SUMMER	QUALITY RATINGS			MEAN
				JUL	SEP	OCT	
NAI-HAQ1+2	6.0	7.0	63.3	6.7	7.3	7.7	7.2
PPG-FL 128	6.0	7.0	68.3	7.0	7.0	7.3	7.1
DLFPS-FL-3104	6.3	7.0	60.0	6.7	7.0	7.3	7.0
BAR FT 132	6.7	6.7	65.0	6.7	7.0	7.0	6.9
BLUE HORNET (PPG-FO-102)	6.7	5.7	60.0	6.0	7.0	7.7	6.9
BAR FRL 122	6.0	6.0	68.3	6.3	7.0	7.0	6.8
COMPASS II	5.7	7.0	71.7	7.0	6.7	6.7	6.8
JAMESTOWN VII	6.3	6.7	68.3	6.7	7.0	6.7	6.8
PST-4SWTM	5.7	6.7	65.0	6.7	7.0	6.7	6.8
PVF-PDB-2020	6.0	7.0	66.7	6.7	6.7	7.0	6.8
SPHD-20	6.3	6.7	61.7	6.3	7.0	6.7	6.7
BAR FT 135	6.7	6.7	61.7	6.3	6.7	7.0	6.7
NAI-HTB2	6.0	6.7	55.0	6.3	6.7	7.0	6.7
PPG-FRC-130	5.7	7.0	73.3	6.3	7.0	6.7	6.7
PPG-FRR-134	5.7	6.0	71.7	6.0	7.0	7.0	6.7
PST-4SHAD	5.3	7.0	65.0	6.7	6.7	6.7	6.7
BRITTANY 2	6.0	6.3	70.0	6.3	7.0	6.3	6.6
BAR FRC 130	6.0	6.3	65.0	6.0	6.7	7.0	6.6
BAR FRC 123	6.0	6.3	71.7	6.0	6.7	6.7	6.4
SEABREEZE GT	6.0	6.3	70.0	6.0	6.3	7.0	6.4
5Z5	6.3	6.0	65.0	6.0	6.7	6.7	6.4
DLFPS-FRC-3105	6.0	7.0	70.0	5.7	7.0	6.7	6.4
PVF-MVP-2020	6.0	6.0	66.7	6.0	6.7	6.7	6.4
RESOLUTE	6.0	6.0	48.3	6.3	6.3	6.3	6.3
CARDINAL II	7.0	6.0	65.0	6.0	6.3	6.7	6.3
KEVIN	6.3	6.0	70.0	6.0	6.3	6.7	6.3
NAI-CHU1	5.3	7.0	65.0	5.7	7.0	6.3	6.3
PPG-FRR 127	7.0	5.7	66.7	5.7	6.7	6.7	6.3
PVF-HSY+	6.3	6.0	70.0	6.0	6.3	6.7	6.3
RAD-FC59	6.7	6.0	66.7	6.0	6.7	6.3	6.3
GLADIATOR	6.3	7.0	68.3	6.0	6.3	6.3	6.2
PPG-FRR 132	6.3	6.3	68.3	5.7	6.3	6.7	6.2
QUATRO	6.0	6.0	66.7	5.7	6.3	6.3	6.1
5Z2	6.7	5.3	61.7	5.3	6.3	6.7	6.1
BAR FO 131	7.0	6.0	66.7	6.0	6.3	6.0	6.1
BYE	6.3	6.3	68.3	5.7	6.3	6.3	6.1
DA5-RHF	6.0	6.0	53.3	6.0	6.3	6.0	6.1
STB1	6.0	6.7	71.7	6.0	6.0	6.3	6.1
RAD-FR64	6.7	5.7	68.3	5.7	6.0	6.3	6.0
BOREAL	5.7	5.3	68.3	5.3	6.3	6.0	5.9
FOXFIRE 2	7.0	5.3	51.7	5.7	6.0	5.7	5.8
DLF-FRR-3128	6.3	5.7	66.7	5.7	5.7	5.7	5.7
PPG-FRC 127	5.0	7.0	73.3	4.7	6.7	5.7	5.7
LSD VALUE	0.7	1.4	10.7	1.4	1.3	1.0	0.8
C.V. (%)	6.8	10.2	8.9	10.1	7.6	7.8	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 20.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT LOGAN, UT 1/  
2021 DATA

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

NAME	COLOR	PERCENT ESTABLISHMENT		QUALITY RATINGS								MEAN
		SEPT 11	SEPT 30	APR	MAY	JUN	JUL	AUG	SEP	OCT		
PVF-MVP-2020	6.7	23.3	70.0	5.7	5.7	7.3	6.0	6.3	8.7	6.7	6.6	
BYE	7.3	26.7	70.0	5.7	5.3	7.7	6.0	6.7	7.3	6.7	6.5	
NAI-CHU1	6.0	26.7	76.7	6.3	6.0	6.7	5.7	6.0	8.3	6.7	6.5	
CARDINAL II	7.0	20.0	73.3	6.0	5.0	7.0	6.3	7.0	7.3	6.3	6.4	
PST-4SWTM	5.7	16.7	70.0	6.0	5.3	6.3	5.7	7.3	8.0	6.3	6.4	
RAD-FC59	8.3	16.7	66.7	5.0	5.0	7.3	6.7	6.7	8.0	6.0	6.4	
GLADIATOR	5.7	23.3	66.7	5.0	4.3	7.0	6.3	7.0	7.3	7.0	6.3	
5Z5	7.3	20.0	73.3	5.0	4.7	6.3	6.7	6.3	8.7	6.3	6.3	
DLF-FRR-3128	7.0	23.3	70.0	5.0	5.3	6.7	6.3	7.0	7.7	6.0	6.3	
NAI-HAQ1+2	6.0	13.3	60.0	4.3	4.0	6.7	7.0	7.0	8.3	6.7	6.3	
PPG-FRC 127	6.3	26.7	70.0	5.7	5.3	6.3	5.7	6.7	8.7	6.0	6.3	
PPG-FRC-130	7.3	23.3	70.0	5.7	5.0	6.0	6.0	7.0	7.7	6.7	6.3	
PVF-HSY+	7.3	23.3	66.7	5.7	5.3	6.7	5.7	7.0	7.7	6.0	6.3	
PVF-PDB-2020	6.0	13.3	60.0	4.0	4.0	6.7	7.3	7.3	8.0	6.7	6.3	
BAR FRC 123	5.7	23.3	73.3	5.7	5.7	6.3	5.3	6.0	8.0	6.3	6.2	
BRITTANY 2	6.3	30.0	70.0	5.3	5.0	6.7	5.7	6.3	7.7	7.0	6.2	
5Z2	7.7	23.3	66.7	4.0	4.3	7.0	6.3	7.0	7.7	7.0	6.2	
COMPASS II	6.0	30.0	70.0	5.0	5.0	7.0	6.0	6.0	7.7	6.7	6.2	
DLFPS-FRC-3105	7.0	20.0	73.3	5.3	5.3	6.3	6.0	5.7	8.3	6.3	6.2	
KEVIN	6.0	23.3	73.3	5.3	5.0	6.0	7.0	6.3	8.0	6.0	6.2	
PPG-FRR 127	7.3	20.0	66.7	5.0	4.3	7.0	6.3	6.3	8.0	6.7	6.2	
PPG-FRR 132	6.7	20.0	66.7	5.3	5.0	7.0	6.3	6.3	7.3	6.0	6.2	
RAD-FR64	7.0	16.7	70.0	5.0	4.7	7.0	6.7	7.0	7.0	6.0	6.2	
DLFPS-FL-3104	6.7	16.7	56.7	4.0	3.7	6.3	6.3	6.7	9.0	7.0	6.1	
SEABREEZE GT	4.3	26.7	76.7	5.0	5.0	6.3	5.7	6.0	7.3	7.3	6.1	
JAMESTOWN VII	6.3	26.7	76.7	5.7	5.7	6.3	5.7	6.0	7.7	6.0	6.1	
PPG-FRR-134	7.0	26.7	60.0	4.3	4.7	7.0	5.7	7.0	7.7	6.7	6.1	
PST-4SHAD	5.0	30.0	70.0	5.7	5.7	5.7	5.7	6.0	7.3	7.0	6.1	
STB1	6.3	20.0	66.7	4.7	4.3	6.0	6.0	7.3	8.0	6.7	6.1	
FOXFIRE 2	6.7	10.0	56.7	4.3	4.0	6.7	6.7	7.0	7.7	6.0	6.0	
DA5-RHF	6.0	13.3	56.7	3.7	3.7	6.3	7.0	7.7	7.7	6.3	6.0	
PPG-FL 128	5.7	20.0	60.0	3.3	3.7	5.7	7.0	7.7	7.7	7.0	6.0	
SPHD-20	5.7	16.7	53.3	3.3	3.0	6.0	7.0	7.3	8.7	6.0	5.9	
BAR FRL 122	5.7	23.3	70.0	4.7	4.7	6.0	6.0	6.3	7.3	6.3	5.9	
RESOLUTE	6.0	16.7	53.3	3.0	3.0	5.3	6.7	7.3	7.7	6.7	5.7	
BAR FO 131	6.7	20.0	60.0	3.7	3.7	6.3	6.7	6.7	6.7	6.0	5.7	
BAR FRC 130	5.7	16.7	63.3	5.3	5.3	5.7	5.3	5.3	7.0	6.0	5.7	
NAI-HTB2	6.7	10.0	56.7	3.3	2.7	6.0	6.3	7.3	7.7	6.0	5.6	
BAR FT 132	5.7	16.7	56.7	3.7	3.3	5.3	6.7	6.7	7.0	5.7	5.5	
BAR FT 135	5.3	10.0	53.3	3.7	3.7	5.0	6.3	6.3	7.7	6.0	5.5	
BLUE HORNET (PPG-FO-102)	5.7	10.0	70.0	4.0	3.7	5.3	5.3	6.3	6.3	6.3	5.3	
BOREAL	4.7	23.3	76.7	6.0	5.0	5.3	3.7	4.3	6.7	5.3	5.2	
QUATRO	4.7	23.3	63.3	4.0	3.3	5.0	5.0	6.0	6.3	5.7	5.0	
LSD VALUE	1.3	9.5	10.1	1.6	1.1	2.1	0.9	1.4	1.0	0.7	0.5	
C.V. (%)	12.4	26.5	9.1	18.4	15.0	13.9	8.8	11.0	7.7	6.7	5.0	

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

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



TABLE 21.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT BLACKSBURG, VA 1/  
2021 DATA

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

NAME	PERCENT GROUND COVER			PERCENT ESTABLISHMENT			QUALITY RATINGS					MEAN
	SRPING	WHITE GRUB		APR	MAY	JUN	JUL	AUG	SEP	OCT		
PPG-FL 128	99.0	9.0	96.0	7.0	8.3	7.3	8.0	8.7	8.3	8.3	8.0	
NAI-HAQ1+2	99.0	9.0	96.0	6.0	7.7	7.0	8.0	8.7	8.7	8.7	7.8	
NAI-HTB2	99.0	9.0	92.7	6.0	8.3	6.7	8.0	8.3	8.3	8.3	7.7	
PPG-FRC-130	99.0	8.0	99.0	7.7	8.7	7.7	7.7	7.0	7.3	7.7	7.7	
PVF-MVP-2020	99.0	8.0	99.0	8.7	8.7	7.7	7.0	7.0	7.3	7.7	7.7	
GLADIATOR	99.0	9.0	91.3	6.7	8.0	6.7	8.0	7.7	8.3	8.0	7.6	
PPG-FRR 127	91.0	9.0	99.0	7.7	8.0	7.7	6.7	8.0	7.0	8.3	7.6	
DLFPS-FRC-3105	99.0	8.7	99.0	7.3	7.7	7.7	6.7	7.3	8.0	8.0	7.5	
PPG-FRC 127	99.0	9.0	99.0	7.7	8.3	8.0	6.7	6.7	8.3	6.7	7.5	
COMPASS II	99.0	9.0	96.0	8.7	8.7	8.0	7.3	6.0	6.7	6.3	7.4	
PVF-HSY+	99.0	7.7	99.0	8.7	8.0	7.3	7.3	5.7	7.7	7.0	7.4	
PVF-PDB-2020	99.0	9.0	99.0	6.7	7.7	6.3	8.0	7.7	8.3	7.3	7.4	
NAI-CHU1	99.0	8.7	99.0	8.7	8.0	7.0	6.3	5.7	8.0	7.7	7.3	
PST-4SHAD	99.0	8.7	99.0	9.0	8.7	7.3	6.7	5.7	7.3	6.7	7.3	
BRITTANY 2	99.0	3.7	99.0	8.3	7.7	8.0	7.7	5.0	6.3	7.3	7.2	
DLFPS-FL-3104	99.0	9.0	99.0	6.3	7.3	6.3	7.7	7.7	7.3	8.0	7.2	
DA5-RHF	92.7	9.0	89.7	5.0	7.0	6.0	7.3	9.0	8.0	8.0	7.2	
5Z5	99.0	9.0	97.7	7.3	7.7	6.7	6.7	6.7	7.3	7.3	7.1	
JAMESTOWN VII	99.0	9.0	99.0	9.0	8.0	6.3	6.3	6.3	7.0	6.7	7.1	
PPG-FRR-134	99.0	9.0	99.0	7.0	7.3	7.3	7.0	6.3	8.0	6.7	7.1	
RESOLUTE	99.0	9.0	96.3	5.3	7.0	6.0	7.7	8.0	7.7	7.7	7.0	
SPHD-20	81.3	9.0	96.0	4.7	7.0	5.3	7.3	8.3	8.0	7.7	6.9	
5Z2	99.0	9.0	99.0	7.3	8.0	6.7	6.7	5.7	6.7	7.3	6.9	
BAR FT 132	99.0	9.0	89.7	5.7	6.7	6.0	7.0	7.3	8.0	7.3	6.9	
BYE	99.0	9.0	99.0	7.0	7.3	7.0	6.0	6.0	7.3	7.3	6.9	
RAD-FC59	91.0	9.0	97.7	7.0	8.0	7.3	6.3	6.0	6.7	6.7	6.9	
PPG-FRR 132	96.0	9.0	99.0	7.3	8.3	6.3	6.3	6.0	6.3	6.3	6.7	
SEABREEZE GT	99.0	9.0	93.0	7.0	7.0	7.0	7.3	5.3	6.3	6.0	6.6	
BAR FRC 130	99.0	9.0	99.0	7.0	7.0	6.3	6.7	6.0	6.7	6.7	6.6	
BAR FT 135	99.0	8.3	96.0	6.7	6.3	5.7	6.7	7.3	7.0	6.7	6.6	
STB1	99.0	9.0	99.0	7.7	7.0	7.0	5.7	5.3	7.0	6.7	6.6	
BAR FRC 123	99.0	6.0	99.0	8.3	7.7	7.3	7.0	4.3	4.7	6.0	6.5	
BAR FRL 122	99.0	6.0	99.0	7.0	6.3	7.0	6.7	5.0	6.0	7.3	6.5	
PST-4SWTM	99.0	7.7	99.0	7.7	7.3	6.0	7.0	5.0	6.0	6.3	6.5	
DLF-FRR-3128	99.0	7.3	99.0	7.7	7.3	7.0	6.0	4.7	5.7	6.7	6.4	
KEVIN	99.0	9.0	97.7	8.7	8.0	5.7	5.3	4.7	5.3	7.0	6.4	
QUATRO	99.0	8.7	93.0	6.7	7.3	5.7	7.0	5.0	5.0	6.7	6.3	
RAD-FR64	99.0	9.0	99.0	8.0	7.7	5.0	6.0	5.3	6.0	6.0	6.3	
CARDINAL II	99.0	8.7	99.0	7.3	6.7	6.3	6.0	4.7	7.0	5.7	6.2	
FOXFIRE 2	86.0	8.0	83.0	5.3	6.0	5.7	5.3	5.7	5.7	6.7	5.8	
BAR FO 131	99.0	7.3	99.0	6.3	6.7	5.0	6.7	4.3	5.7	5.7	5.8	
BLUE HORNET (PPG-FO-102)	86.0	9.0	99.0	6.3	7.3	5.3	5.3	5.0	5.3	5.7	5.8	
BOREAL	99.0	8.0	94.3	9.0	7.3	4.7	4.3	3.0	4.3	4.7	5.3	
LSD VALUE	18.0	1.9	10.2	1.9	1.8	1.5	1.5	1.5	1.7	1.5	0.8	
C.V. (%)	6.4	12.8	4.6	15.0	11.1	13.1	12.3	14.9	14.4	12.0	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 22.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT PULLMAN, WA 1/  
2021 DATA

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

NAME	FALL DENSITY	PERCENT SUMMER	GROUND COVER FALL	DORMANCY	QUALITY RATINGS					MEAN
					JUN	JUL	AUG	SEP	OCT	
PPG-FRC 127	6.0	61.7	93.3	5.0	5.3	4.7	6.0	6.3	6.0	5.7
PVF-MVP-2020	5.7	73.3	93.3	4.3	5.7	4.3	6.0	6.0	6.0	5.6
SEABREEZE GT	5.7	78.3	91.7	4.0	5.7	4.7	5.7	5.7	5.7	5.5
BRITTANY 2	5.3	56.7	90.0	4.7	5.7	5.3	6.0	5.0	5.0	5.4
PPG-FRC-130	5.0	68.3	91.7	5.0	5.0	5.0	6.0	5.3	5.3	5.3
PST-4SWTM	4.7	61.7	83.3	4.7	5.0	4.3	5.3	5.7	5.7	5.2
COMPASS II	5.3	70.0	91.7	4.0	5.3	4.7	5.3	5.3	5.0	5.1
NAI-HTB2	5.3	58.3	90.0	4.7	4.3	4.3	5.3	5.3	5.7	5.0
KEVIN	5.0	56.7	85.0	5.0	4.7	4.3	5.0	5.7	5.0	4.9
DLFPS-FRC-3105	5.0	53.3	83.3	3.7	4.3	3.7	5.0	5.7	5.3	4.8
PPG-FRR-134	5.0	56.7	90.0	5.7	4.0	4.0	4.7	5.7	5.7	4.8
BAR FRC 123	4.7	71.7	85.0	3.0	5.3	4.0	5.0	4.3	5.0	4.7
BAR FRC 130	5.0	71.7	88.3	3.0	4.3	3.7	5.0	5.3	5.3	4.7
NAI-CHU1	5.0	61.7	85.0	4.0	4.0	4.3	5.3	5.0	5.0	4.7
PPG-FRR 127	4.3	63.3	86.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
PPG-FRR 132	5.3	56.7	90.0	5.0	3.7	4.3	4.3	5.3	5.7	4.7
FOXFIRE 2	5.0	55.0	85.0	4.3	3.7	4.3	4.3	5.0	5.0	4.5
5Z2	4.7	50.0	85.0	4.3	4.0	4.0	5.0	5.0	4.7	4.5
BAR FRL 122	4.0	60.0	81.7	4.3	4.3	4.3	5.3	4.3	4.3	4.5
BOREAL	4.3	56.7	81.7	3.7	4.7	4.0	4.7	4.3	4.7	4.5
JAMESTOWN VII	4.7	58.3	83.3	4.0	3.7	4.7	4.3	4.7	5.3	4.5
STB1	4.7	70.0	86.7	3.7	5.0	4.0	4.3	4.7	4.7	4.5
BYE	4.3	50.0	81.7	4.0	4.0	3.3	4.3	5.3	5.0	4.4
DA5-RHF	4.3	41.7	85.0	4.7	3.3	4.0	5.0	4.7	4.7	4.3
BAR FT 135	4.0	43.3	86.7	4.3	3.3	3.7	4.7	4.7	4.7	4.2
BLUE HORNET (PPG-FO-102)	5.0	41.7	88.3	4.0	3.7	3.3	4.3	4.7	5.0	4.2
PPG-FL 128	4.7	35.0	85.0	5.0	2.7	4.0	4.7	5.0	4.7	4.2
PST-4SHAD	3.7	65.0	76.7	2.7	5.0	3.0	4.3	4.0	4.0	4.1
PVF-HSY+	4.3	53.3	83.3	4.0	3.7	3.7	3.7	4.7	4.7	4.1
RAD-FC59	4.0	53.3	83.3	3.7	4.3	3.3	4.7	4.0	4.0	4.1
DLFPS-FL-3104	4.0	33.3	82.3	4.7	3.3	3.3	4.3	4.0	4.3	3.9
CARDINAL II	4.3	46.7	83.3	3.7	3.7	3.7	3.7	4.3	4.3	3.9
BAR FT 132	4.0	43.3	76.7	5.0	3.7	3.7	4.7	3.3	3.7	3.8
RAD-FR64	4.0	61.7	75.0	3.3	4.3	3.3	4.0	3.7	3.0	3.7
BAR FO 131	3.7	53.3	80.0	3.0	3.7	3.3	4.0	3.7	3.3	3.6
DLF-FRR-3128	3.3	38.3	78.3	3.3	3.0	3.3	3.7	3.7	4.3	3.6
PVF-PDB-2020	4.3	30.0	80.0	3.7	3.0	3.3	4.0	3.7	4.0	3.6
5Z5	3.7	36.7	75.0	4.0	2.7	3.0	3.7	3.7	3.7	3.3
NAI-HAQ1+2	3.3	28.3	75.0	4.0	2.3	2.7	3.7	3.3	3.3	3.1
RESOLUTE	3.7	20.0	78.3	5.0	2.0	3.0	3.7	3.0	3.3	3.0
GLADIATOR	3.7	16.7	73.3	4.7	1.7	2.3	3.3	3.3	3.7	2.9
QUATRO	3.7	15.0	71.7	4.3	1.7	2.3	3.3	3.3	3.7	2.9
SPHD-20	3.3	28.3	75.0	3.7	2.7	2.3	2.7	2.7	2.7	2.6
LSD VALUE	1.6	34.9	13.9	3.2	1.6	1.6	1.7	1.6	1.4	1.1
C.V. (%)	18.0	34.9	8.1	25.1	23.8	21.2	19.1	19.4	17.3	15.4

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 23.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF FINELEAF FESCUE CULTIVARS IN THE  
2020 NATIONAL FINELEAF FESCUE TEST AT MADISON, WI 1/  
2021 DATA

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

NAME	SEEDLING VIGOR	QUALITY				QUALITY RATINGS					MEAN
		NOV 2020	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
COMPASS II	5.7	6.7	7.0	5.0	7.3	6.7	7.3	7.0	7.7	6.9	
PPG-FRC 127	7.0	5.7	5.3	6.3	7.7	7.0	7.0	6.3	7.0	6.7	
5Z2	6.0	6.0	6.0	5.3	6.7	7.0	7.0	7.0	7.0	6.6	
5Z5	6.3	6.3	6.0	5.3	7.7	7.0	7.3	6.0	6.7	6.6	
DLFPS-FRC-3105	5.7	5.3	5.3	6.3	8.0	7.0	7.0	6.3	6.3	6.6	
NAI-CHU1	7.3	7.0	7.0	5.3	7.0	6.7	7.0	6.7	6.3	6.6	
STB1	6.0	6.0	6.0	4.7	7.0	7.0	7.7	7.0	7.0	6.6	
GLADIATOR	6.0	6.0	4.7	6.7	7.0	7.0	6.7	6.3	7.3	6.5	
BYE	6.3	6.0	5.0	5.3	7.7	7.0	7.3	6.3	7.0	6.5	
PPG-FRR 132	6.0	5.0	5.3	5.7	7.0	7.7	6.7	6.3	7.0	6.5	
BRITTANY 2	7.0	6.3	6.3	5.0	7.0	6.3	6.7	6.3	6.3	6.3	
DLFPS-FL-3104	4.3	5.0	5.0	7.0	7.7	6.7	6.3	5.7	6.0	6.3	
CARDINAL II	5.3	5.3	5.7	5.0	7.3	6.7	6.7	6.0	6.7	6.3	
PPG-FRR 127	6.3	6.7	6.0	4.3	7.3	7.3	7.0	6.0	6.3	6.3	
RAD-FC59	5.7	6.0	6.3	5.7	7.0	6.3	6.3	6.0	6.3	6.3	
BAR FRL 122	7.0	6.7	6.3	4.7	6.3	6.7	6.7	6.0	6.7	6.2	
NAI-HTB2	3.0	4.0	4.0	6.3	7.0	7.3	6.3	6.3	6.3	6.2	
PPG-FRR-134	7.0	5.3	4.7	5.3	8.0	7.3	6.7	5.3	6.0	6.2	
PVF-PDB-2020	4.3	5.0	4.3	6.3	6.3	7.3	6.3	6.3	6.7	6.2	
RAD-FR64	6.3	6.3	6.3	4.7	7.0	6.3	6.3	6.0	7.0	6.2	
BAR FT 132	5.0	5.7	5.3	5.7	6.3	6.7	6.3	6.0	6.7	6.1	
DA5-RHF	4.0	4.7	5.3	5.3	6.3	6.7	6.3	6.0	6.7	6.1	
KEVIN	6.3	7.0	6.3	4.3	6.0	6.3	6.3	6.3	7.0	6.1	
NAI-HAQ1+2	4.3	5.0	4.7	6.7	6.7	6.7	7.3	5.3	5.7	6.1	
PPG-FL 128	5.3	5.3	4.3	6.7	6.0	6.7	7.0	6.0	6.0	6.1	
PPG-FRC-130	6.3	6.0	6.0	5.0	6.7	7.0	6.3	6.0	6.0	6.1	
FOXFIRE 2	3.7	4.3	4.7	5.3	6.3	6.3	7.0	5.7	6.3	6.0	
SEABREEZE GT	6.7	7.0	6.3	3.7	6.7	6.7	6.3	5.7	6.7	6.0	
BAR FO 131	5.7	5.7	5.3	6.7	7.0	6.3	5.7	5.3	5.7	6.0	
PST-4SWTM	6.7	6.0	6.3	5.0	6.7	6.3	6.0	5.3	6.3	6.0	
PVF-MVP-2020	4.7	5.0	5.0	5.7	7.3	6.7	7.0	5.3	5.3	6.0	
BAR FRC 123	7.0	6.7	6.0	4.7	7.0	6.3	6.0	5.0	6.0	5.9	
RESOLUTE	2.7	3.7	3.7	5.7	6.3	7.0	6.3	5.7	6.7	5.9	
DLF-FRR-3128	6.0	5.3	5.3	4.3	6.3	6.3	6.3	5.7	6.7	5.9	
SPHD-20	3.0	4.3	4.0	6.3	6.3	6.0	5.7	5.7	6.7	5.8	
JAMESTOWN VII	6.3	6.3	6.0	5.3	6.3	6.0	5.7	5.3	6.0	5.8	
PST-4SHAD	6.3	6.3	6.0	4.0	6.3	6.7	5.3	6.0	6.3	5.8	
PVF-HSY+	6.7	5.7	5.7	3.7	7.0	6.7	6.7	6.0	5.0	5.8	
BAR FRC 130	6.7	7.3	5.0	4.0	6.0	5.7	6.0	6.0	6.3	5.6	
BLUE HORNET (PPG-FO-102)	4.7	5.7	4.3	5.7	6.3	6.3	6.0	5.0	5.3	5.6	
BAR FT 135	4.3	4.7	4.3	5.3	6.0	6.0	5.3	5.0	6.3	5.5	
QUATRO	4.7	6.0	5.3	5.3	5.7	5.3	4.7	4.7	5.3	5.2	
BOREAL	7.0	7.3	6.7	3.0	4.3	4.3	4.7	4.7	5.3	4.7	
LSD VALUE	1.8	1.8	1.9	1.3	1.4	1.3	1.8	2.0	4.0	1.0	
C.V. (%)	19.1	16.4	17.5	15.2	10.9	10.0	13.1	13.6	16.7	8.0	

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

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