

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT RIVERSIDE, CA 1/
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SEEDHEAD	QUALITY RATINGS												MEAN
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DALZ 1802	7.3	4.7	8.0	3.0	5.0	4.7	4.0	5.7	6.3	7.0	7.0	6.0	6.3	7.7	7.0	7.0	6.1
FZ 1722	7.0	5.0	6.0	2.7	4.7	4.7	4.3	6.0	7.0	6.7	7.0	7.3	6.7	7.0	6.0	6.0	6.1
UGA GZ 17-4	7.0	5.0	7.0	3.7	5.0	4.7	4.7	5.7	6.3	6.7	7.0	7.3	6.7	6.7	6.3	6.3	6.1
DALZ 1409	6.7	4.3	7.0	4.0	5.0	4.7	4.0	5.3	6.7	6.7	7.0	6.0	6.3	7.3	6.7	6.7	6.0
DALZ 1614	6.7	5.7	6.0	2.0	4.3	4.3	5.3	6.3	5.3	5.7	7.0	7.0	7.0	7.0	6.0	6.0	5.9
FAES 1319	7.0	7.3	5.0	5.0	3.7	4.0	5.3	6.7	5.0	6.3	7.0	7.0	7.0	7.0	6.0	5.7	5.9
FAES 1335	6.7	5.7	5.7	6.0	4.7	4.0	4.7	5.7	7.0	5.7	6.3	7.3	6.3	7.0	6.3	6.0	5.9
DALZ 1806	7.7	3.7	6.7	3.0	4.3	4.0	3.3	5.0	6.3	6.7	6.3	6.7	6.0	7.7	7.0	6.7	5.8
DALZ 1701	7.7	6.3	4.7	1.3	3.0	2.7	5.0	5.7	6.0	5.7	6.3	8.0	6.7	7.0	6.0	6.0	5.7
DALZ 1707	7.0	5.3	5.0	1.3	3.3	3.0	4.3	6.0	5.7	6.0	7.3	7.0	7.0	7.0	5.7	5.7	5.7
DALZ 1808	6.3	7.3	5.0	8.0	3.3	4.7	5.7	7.0	4.7	5.7	6.3	7.0	6.3	6.0	6.0	5.7	5.7
FZ 1723	6.7	4.7	6.0	2.0	4.0	3.3	4.0	6.3	5.7	6.0	7.0	7.0	7.0	6.3	6.0	6.0	5.7
FZ 1732	6.7	5.0	6.3	1.3	5.0	4.3	4.0	5.3	5.7	6.0	6.7	7.0	6.0	6.7	6.0	6.0	5.7
16-TZ-12783	7.0	4.3	4.7	6.0	3.3	3.0	4.3	5.0	6.0	6.0	6.3	7.3	7.3	7.0	5.7	6.0	5.6
DALZ 1408	6.7	3.7	7.0	3.0	5.0	4.3	3.3	5.7	6.3	6.3	6.3	5.7	5.7	7.0	6.0	6.0	5.6
DALZ 1613	6.0	4.3	6.0	4.3	4.3	4.0	4.0	6.0	5.3	6.0	6.0	6.0	6.3	7.0	6.0	6.0	5.6
DALZ 1807	6.3	3.7	7.7	6.3	4.7	4.3	3.7	4.0	5.0	5.7	5.7	6.0	6.3	8.0	7.0	6.7	5.6
EMERALD	7.3	4.3	6.3	4.0	3.0	3.0	3.7	5.3	6.7	6.3	7.0	7.0	7.0	7.0	6.0	5.3	5.6
FZ 1727	7.0	3.7	7.0	3.7	3.3	3.3	3.7	5.7	6.0	6.7	7.0	6.7	5.7	7.0	6.7	6.0	5.6
ZEON	6.3	4.0	7.0	5.0	3.3	3.0	3.7	5.3	6.0	6.0	6.7	7.0	7.0	7.0	6.0	5.7	5.6
16-TZ-13463	7.7	5.0	5.3	6.3	3.0	3.0	4.3	4.3	5.7	6.0	6.7	7.0	7.0	6.7	6.0	6.0	5.5
DALZ 1714	5.7	3.7	5.3	2.3	5.0	4.3	3.7	4.7	5.3	5.7	6.0	6.3	7.0	6.7	5.0	6.0	5.5
FZ 1367	6.0	4.3	7.0	2.7	4.7	4.0	3.7	5.0	5.7	5.7	5.7	6.3	6.0	7.0	6.0	6.0	5.5
FZ 1422	7.0	3.7	5.3	6.0	3.0	1.7	3.3	6.3	6.7	6.7	7.3	6.7	6.7	7.0	5.7	5.3	5.5
FZ 1440	7.0	4.0	7.0	4.7	4.3	4.0	3.3	4.3	5.7	6.3	6.7	6.3	6.0	6.7	6.0	6.0	5.5
DALZ 1603	6.3	4.7	3.7	5.7	3.3	2.3	4.0	6.0	6.7	5.3	6.0	6.7	7.3	6.3	6.0	5.3	5.4
FZ 1436	5.3	3.7	7.0	3.0	4.3	3.7	3.3	5.0	5.3	6.3	5.7	6.0	6.7	6.7	6.0	6.0	5.4
FZ 1327	7.0	6.7	3.3	3.7	3.3	3.3	5.0	5.3	4.3	5.3	5.7	6.7	6.7	6.3	6.0	5.3	5.3
FZ 1368	6.7	2.7	6.3	5.3	4.0	3.0	3.0	4.7	5.7	6.0	6.3	6.3	6.0	7.0	6.0	6.0	5.3
FZ 1728	5.7	2.0	7.0	5.3	4.7	3.0	2.7	3.7	5.0	5.3	6.3	6.7	6.7	7.0	6.0	6.0	5.3
DALZ 1601	7.0	4.7	3.7	4.3	3.0	2.7	3.7	5.0	5.3	5.0	6.0	6.7	7.3	6.3	6.3	5.3	5.2
FZ 1407	6.7	4.7	3.7	4.0	3.0	2.3	3.7	5.7	5.3	5.0	5.7	6.3	6.7	6.7	6.0	6.0	5.2
FZ 1410	7.3	3.7	3.3	4.0	3.0	2.3	3.3	6.0	5.3	6.0	6.7	6.3	6.3	6.0	5.7	5.3	5.2
DALZ 1311	6.7	3.7	3.3	5.3	3.3	2.0	3.3	5.7	5.3	5.0	5.0	6.7	6.7	6.3	5.3	5.3	5.0
15-TZ-11715	6.7	4.3	6.3	4.0	3.0	2.7	3.7	4.0	4.7	4.3	4.7	6.0	6.7	6.7	6.0	6.0	4.9
DALZ 1713	6.0	3.7	5.7	4.0	4.0	3.3	3.3	3.7	5.0	4.7	4.7	5.3	5.7	6.7	6.0	5.7	4.8
FZ 1721	5.7	2.7	7.0	4.0	4.0	3.0	3.0	3.7	5.3	4.7	5.0	5.3	6.0	5.7	6.0	6.0	4.8
EMPIRE	7.3	3.3	3.7	4.3	3.0	2.0	3.0	4.0	4.3	4.7	5.0	6.7	6.3	6.0	6.0	5.7	4.7
MEYER	7.0	3.3	4.3	3.3	3.0	1.7	3.0	4.0	4.7	4.3	5.3	6.7	6.0	6.0	4.0	4.0	4.4
LSD VALUE	1.5	1.3	0.6	1.8	0.8	0.8	0.9	1.3	1.7	1.5	1.4	1.2	1.5	0.7	0.4	0.8	0.5
C.V. (%)	10.6	18.1	7.7	28.0	12.6	16.0	14.7	15.1	14.8	13.5	12.3	9.5	9.6	6.3	4.8	7.7	5.5

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 2.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT GAINESVILLE, FL 1/
2023 DATA

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

NAME	SPRING GREENUP	WINTER COLOR	QUALITY RATINGS												MEAN
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
FZ 1368	8.0	6.7	5.7	5.7	6.0	6.3	7.0	7.3	8.0	7.7	7.7	6.7	7.0	6.3	6.8
FAES 1319	7.7	5.3	4.3	5.7	6.0	6.0	7.0	6.7	8.0	8.0	7.7	7.0	6.7	5.7	6.6
FZ 1722	7.7	5.3	5.0	4.7	5.7	5.7	7.7	7.3	7.7	8.3	8.0	6.3	6.3	6.3	6.6
FZ 1732	7.7	4.7	4.3	4.0	6.0	6.0	7.0	7.7	8.0	8.7	7.3	6.7	7.0	6.0	6.6
DALZ 1808	7.3	4.3	4.7	5.3	5.7	5.7	7.3	7.7	8.0	8.7	7.0	6.3	6.3	5.7	6.5
FZ 1723	6.3	5.0	4.7	5.3	6.0	6.0	6.3	6.7	7.3	7.0	7.0	6.7	7.0	6.3	6.4
UGA GZ 17-4	7.7	6.3	5.3	5.0	6.0	5.7	7.0	7.7	8.0	5.7	5.7	5.7	6.0	5.7	6.1
DALZ 1408	7.0	6.0	4.7	4.0	5.0	5.3	6.3	6.7	7.7	7.3	6.7	6.0	6.3	6.0	6.0
FZ 1327	5.7	4.3	3.7	4.0	5.7	4.7	6.3	6.3	8.0	7.0	6.7	7.0	6.3	6.0	6.0
FZ 1422	6.7	4.0	3.7	4.0	5.3	5.7	6.7	7.3	7.7	7.3	7.3	7.0	6.3	4.0	6.0
DALZ 1701	7.0	5.0	4.0	4.7	5.0	5.0	5.7	6.0	6.7	6.7	7.0	5.7	5.7	5.7	5.6
FZ 1440	6.3	4.7	3.3	3.7	4.3	5.0	6.0	6.3	7.0	7.0	6.3	5.7	6.3	6.0	5.6
DALZ 1409	6.7	5.0	4.7	4.7	5.3	5.0	6.0	6.3	6.7	5.7	6.0	5.0	5.7	5.0	5.5
FZ 1367	6.7	3.7	3.3	3.7	4.3	4.3	6.0	6.7	7.0	6.7	6.0	5.3	6.0	6.3	5.5
FZ 1436	6.7	5.0	4.0	4.3	5.0	5.0	6.0	6.7	7.0	6.3	5.3	5.3	6.0	5.0	5.5
FZ 1728	6.0	5.0	4.0	4.0	5.0	4.5	5.5	6.5	7.0	5.5	5.5	5.0	5.5	6.5	5.4
16-TZ-12783	5.7	6.0	4.7	4.7	5.0	4.7	5.7	5.7	6.0	5.7	6.3	5.0	5.0	5.0	5.3
DALZ 1603	6.0	4.0	3.7	4.0	4.7	4.3	5.0	5.3	6.3	7.0	6.7	6.3	5.7	4.3	5.3
DALZ 1713	6.7	5.7	4.0	4.0	5.3	5.3	6.3	6.0	6.3	6.0	4.7	5.0	5.7	5.3	5.3
FAES 1335	5.7	5.3	4.0	4.3	5.3	4.3	5.7	5.3	6.3	5.3	6.0	5.3	5.7	6.3	5.3
ZEON	5.7	4.3	4.0	4.0	5.0	4.0	5.0	5.7	6.7	6.3	6.7	5.7	5.7	4.3	5.3
DALZ 1311	5.0	4.0	3.3	4.3	4.7	4.7	5.0	6.0	6.0	6.0	6.3	6.3	5.7	4.0	5.2
FZ 1410	4.3	4.0	3.0	3.7	4.0	4.3	4.7	5.3	6.7	6.3	7.0	6.7	6.0	4.3	5.2
16-TZ-13463	5.7	6.0	4.7	4.7	5.0	4.3	4.7	5.7	5.7	5.3	5.3	4.7	5.3	6.0	5.1
EMERALD	6.7	4.7	4.0	4.0	4.7	5.3	5.7	6.0	6.7	5.7	5.7	5.0	4.7	4.3	5.1
DALZ 1714	5.3	5.7	5.0	4.7	5.0	4.7	5.3	5.0	5.7	4.7	5.0	4.7	5.0	5.3	5.0
DALZ 1802	5.7	5.0	4.7	4.7	5.3	4.0	4.3	6.0	5.7	5.0	5.3	5.0	4.7	5.0	5.0
15-TZ-11715	6.0	5.0	3.7	4.3	5.3	4.7	4.7	5.3	5.0	5.0	5.0	5.3	5.7	4.7	4.9
FZ 1407	5.3	4.0	3.0	3.7	4.0	3.0	4.7	5.7	6.0	5.7	6.3	5.7	5.7	4.0	4.8
FZ 1727	5.3	3.0	3.0	3.0	4.0	3.7	4.0	5.3	6.0	6.3	6.0	5.7	6.3	4.7	4.8
DALZ 1601	4.7	4.0	3.0	4.0	4.0	3.7	3.7	4.7	5.3	5.7	6.0	6.3	5.7	4.7	4.7
EMPIRE	4.7	4.0	3.0	3.0	4.0	3.7	4.7	5.0	5.7	5.0	6.7	6.0	5.7	4.3	4.7
DALZ 1613	5.7	3.0	3.0	3.0	4.0	4.0	4.3	4.3	4.7	4.7	5.7	5.7	6.0	5.3	4.6
DALZ 1806	6.0	5.0	4.0	3.7	4.7	3.7	5.0	5.0	5.0	4.7	4.7	4.7	5.3	4.7	4.6
DALZ 1707	4.3	5.0	3.7	3.7	4.3	3.7	4.7	4.3	4.7	4.7	5.7	4.7	4.7	4.7	4.4
DALZ 1614	5.7	4.0	3.7	3.7	4.3	4.0	4.0	4.0	4.3	4.3	4.3	4.3	5.0	4.0	4.2
MEYER	4.7	3.7	3.0	3.3	4.0	3.3	4.3	5.0	4.7	4.7	4.3	4.7	4.7	4.3	4.2
FZ 1721	4.0	4.3	2.7	3.3	3.7	3.0	3.7	3.3	3.7	3.3	3.3	3.7	4.0	4.0	3.5
DALZ 1807	4.0	5.7	3.0	3.3	3.3	2.7	3.0	3.7	3.0	3.0	3.7	4.0	3.7	3.7	3.3
LSD VALUE	1.5	1.1	1.0	1.2	1.1	1.2	1.5	2.0	2.0	2.3	1.7	1.3	1.2	1.0	1.0
C.V. (%)	14.7	14.5	15.6	16.1	13.5	16.4	17.2	18.7	18.4	21.8	16.8	13.4	12.5	12.2	11.7

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

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

TABLE 3.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT JAY, FL 1/
2023 DATA

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

NAME	GENETIC	SPRING	LEAF	COLOR	COLOR	SEEDHEAD	LARGE	APR	MAY	JUN	QUALITY RATINGS					MEAN
	COLOR	GREENUP	TEXTURE	OCTOBER	NOVEMBER		PATCH				JUL	AUG	SEP	OCT	NOV	
FAES 1319	8.0	5.3	3.0	7.7	6.7	3.7	1.0	5.3	6.3	7.0	8.0	9.0	7.7	7.7	7.0	7.3
DALZ 1707	7.7	5.0	4.3	7.0	6.3	1.0	1.7	5.0	6.0	7.0	7.7	8.3	8.0	8.0	7.7	7.2
DALZ 1601	7.3	5.7	1.3	7.3	6.7	4.0	1.0	4.7	6.7	7.0	7.7	8.3	7.3	8.0	7.3	7.1
EMPIRE	7.3	5.3	1.3	7.7	6.7	4.7	1.7	5.0	6.0	7.0	7.7	8.7	7.3	7.7	7.3	7.1
DALZ 1311	7.3	5.7	2.0	8.0	7.0	4.3	1.0	4.3	6.0	7.0	7.3	8.3	7.3	8.0	7.3	7.0
DALZ 1603	7.0	5.7	2.3	8.0	6.7	4.0	1.7	5.0	6.0	6.7	7.7	8.3	7.0	7.7	7.7	7.0
DALZ 1713	6.7	5.7	5.3	6.7	6.0	4.3	2.0	5.0	6.3	7.0	7.0	8.0	7.7	8.0	7.3	7.0
EMERALD	8.3	4.0	6.7	7.0	6.0	1.0	2.0	4.3	5.3	6.7	8.0	8.3	7.7	8.0	7.3	7.0
DALZ 1701	8.3	5.3	4.0	9.0	7.7	2.0	1.0	4.3	5.7	6.7	7.3	8.3	7.0	7.7	7.7	6.8
DALZ 1714	7.0	4.7	3.7	6.3	5.3	1.7	2.0	3.7	5.3	6.3	7.0	8.0	8.0	8.3	8.0	6.8
FZ 1407	7.3	5.0	1.3	8.0	7.0	4.3	1.3	4.3	5.7	6.3	7.3	8.0	7.3	8.0	7.0	6.8
FZ 1410	7.7	5.0	2.0	8.3	7.0	3.0	1.7	5.0	6.0	6.3	7.7	8.7	7.0	7.0	6.7	6.8
FZ 1422	7.3	4.0	6.0	7.3	5.3	1.3	2.7	4.0	5.0	6.7	7.3	8.7	7.7	8.0	7.0	6.8
15-TZ-11715	8.3	4.3	7.0	8.0	6.7	3.3	1.7	4.3	5.0	5.7	7.0	8.0	8.0	8.0	7.3	6.7
16-TZ-12783	7.7	5.0	4.0	7.3	5.7	1.0	2.7	4.3	5.7	6.3	6.7	7.7	7.7	7.7	7.3	6.7
FZ 1732	7.3	5.0	7.0	6.3	5.7	3.0	1.0	4.0	5.3	6.7	8.0	8.0	7.3	7.3	7.0	6.7
DALZ 1802	9.0	3.7	6.7	8.7	7.7	1.0	1.0	3.7	4.7	6.0	6.7	8.7	7.0	8.7	7.7	6.6
DALZ 1808	6.3	4.3	3.0	6.3	6.0	1.3	1.0	4.0	5.3	6.0	7.0	8.3	6.7	7.7	7.0	6.5
FZ 1722	7.3	4.3	6.3	6.7	5.7	2.0	1.0	3.7	5.3	6.7	7.0	8.0	7.0	7.3	6.7	6.5
FAES 1335	7.3	3.7	6.0	6.7	6.3	1.0	1.3	4.3	4.7	5.3	6.7	8.0	7.0	7.7	7.7	6.4
DALZ 1409	7.3	4.7	8.7	7.3	5.7	1.0	1.7	4.0	5.3	6.3	6.0	6.3	7.3	8.0	6.7	6.3
DALZ 1806	7.3	4.0	8.3	6.0	5.0	1.3	3.0	3.7	5.0	6.0	6.0	7.3	7.3	7.7	7.0	6.3
FZ 1368	7.0	5.3	5.7	7.7	6.0	2.3	2.0	4.0	5.3	6.0	6.3	7.3	7.0	7.3	6.7	6.3
UGA GZ 17-4	6.7	5.0	8.3	7.0	6.3	1.0	1.3	4.0	5.3	6.7	6.0	6.3	7.7	7.7	6.7	6.3
ZEON	8.0	4.0	7.7	6.3	6.0	1.7	1.3	3.7	5.0	5.3	7.0	7.7	7.0	7.7	7.3	6.3
FZ 1327	7.0	5.3	1.0	7.0	5.7	4.7	1.3	4.3	5.3	6.3	7.0	7.7	6.0	6.3	6.7	6.2
FZ 1723	7.0	4.3	7.3	6.3	5.3	1.3	2.3	3.7	4.0	6.0	6.7	7.7	6.7	7.7	7.0	6.2
DALZ 1613	6.0	3.7	6.0	6.0	6.0	3.0	1.7	3.3	4.7	6.0	6.7	7.3	6.3	7.3	7.0	6.1
DALZ 1807	8.0	4.7	8.7	6.7	6.3	1.3	2.0	4.0	4.7	5.7	6.7	7.0	6.7	7.3	7.0	6.1
16-TZ-13463	7.3	3.7	6.0	8.0	7.3	2.0	1.3	3.7	4.7	5.3	6.0	7.3	7.0	7.3	7.0	6.0
DALZ 1408	7.0	5.0	8.0	6.3	5.7	1.7	2.3	3.3	4.3	5.7	6.7	7.0	7.0	7.0	6.7	6.0
DALZ 1614	6.3	4.7	6.0	6.0	5.3	2.0	1.0	3.3	4.7	5.7	6.0	6.7	6.7	7.0	7.0	5.9
FZ 1727	7.3	3.0	6.7	8.0	6.7	1.0	1.7	2.7	3.3	5.3	6.3	7.3	7.7	7.7	7.0	5.9
FZ 1367	6.3	3.7	7.7	7.7	7.0	1.3	2.0	2.7	4.0	6.0	6.3	7.0	7.0	6.7	6.7	5.8
FZ 1436	6.3	3.7	7.7	6.0	6.0	1.7	2.7	3.0	4.3	5.7	6.7	7.0	6.3	6.7	6.3	5.8
FZ 1440	6.7	4.0	7.7	6.7	6.0	1.0	2.7	3.0	4.3	5.7	6.3	6.7	6.7	6.7	6.7	5.8
MEYER	8.0	3.7	4.3	6.7	4.0	1.7	3.3	3.0	3.3	5.3	6.0	7.0	5.3	5.7	5.3	5.1
FZ 1728	6.7	3.3	7.0	6.7	5.7	1.0	1.7	2.7	2.7	3.7	5.0	5.3	5.3	5.3	5.3	4.4
FZ 1721	6.0	2.0	8.0	6.3	5.0	1.0	2.7	1.7	1.7	1.7	3.0	4.0	4.3	5.3	5.0	3.3
LSD VALUE	1.1	1.2	1.7	1.3	1.4	1.0	1.6	1.1	1.0	0.9	1.2	1.1	1.2	1.0	1.0	0.5
C.V. (%)	8.5	16.5	20.7	10.7	12.6	32.1	43.9	16.5	12.6	9.5	11.0	9.1	9.9	8.2	8.1	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 4.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT FORT LAUDERDALE, FL 1/
2023 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
DALZ 1408	7.0	7.0	7.0	7.3	7.7	7.7	7.3	7.7	8.0	8.3	8.0	7.7	7.6
FZ 1436	7.0	6.7	7.0	7.7	7.7	7.3	7.3	7.0	8.0	8.7	8.7	7.7	7.6
DALZ 1713	7.3	7.0	7.0	7.3	7.7	7.3	7.3	7.7	7.3	7.7	7.7	8.0	7.4
FZ 1367	7.3	7.0	6.7	7.3	7.7	7.0	7.3	6.3	7.7	8.3	8.3	7.3	7.4
FZ 1440	7.0	7.3	6.7	7.3	7.3	7.3	7.3	7.0	7.7	8.0	8.0	7.3	7.4
FZ 1722	7.3	7.3	7.0	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.3	7.0	7.4
DALZ 1808	6.3	6.3	6.3	7.3	7.3	7.7	7.3	7.3	8.0	8.0	8.0	8.0	7.3
FAES 1335	7.0	6.7	7.0	7.0	7.3	7.7	7.0	6.7	7.3	8.3	8.3	7.7	7.3
FZ 1410	7.7	7.0	7.3	7.3	7.7	7.0	7.3	7.0	7.0	7.0	7.0	7.3	7.2
DALZ 1601	7.3	6.7	6.7	7.0	6.7	7.0	6.7	6.7	7.3	7.7	7.3	7.7	7.1
DALZ 1603	6.3	6.3	6.7	7.0	7.3	7.0	7.0	6.7	7.0	8.0	8.0	7.7	7.1
FAES 1319	6.7	6.3	6.3	6.3	7.3	7.0	7.0	7.3	7.0	8.0	8.3	7.3	7.1
FZ 1407	6.7	6.0	6.0	7.3	7.3	7.3	7.3	7.3	7.0	7.7	8.0	7.7	7.1
DALZ 1311	7.0	6.7	7.0	7.0	7.0	6.7	6.7	6.3	7.0	7.7	7.7	7.3	7.0
EMPIRE	6.7	6.7	6.7	7.3	7.0	7.0	7.0	6.3	7.0	7.3	7.7	7.7	7.0
DALZ 1714	6.7	6.3	6.0	7.0	7.0	7.0	6.7	6.0	7.3	7.7	7.7	7.0	6.9
FZ 1327	6.3	6.3	7.3	6.7	6.7	6.7	6.3	6.7	7.0	7.7	7.7	7.7	6.9
FZ 1422	6.3	6.7	6.3	7.0	7.0	7.7	7.3	6.7	7.0	7.0	7.0	7.0	6.9
FZ 1723	6.7	6.3	6.7	7.0	7.0	7.0	6.7	6.3	6.7	7.7	7.7	7.0	6.9
FZ 1732	6.3	6.3	7.0	6.7	6.7	6.7	7.0	7.0	7.3	7.7	7.7	7.0	6.9
16-TZ-13463	6.7	6.0	6.3	6.3	7.0	7.3	6.3	6.7	6.7	7.3	7.3	7.7	6.8
FZ 1727	6.7	6.3	6.3	7.0	7.3	7.3	7.3	6.3	6.7	6.7	6.3	6.7	6.8
15-TZ-11715	6.0	6.0	6.0	6.3	7.0	7.0	6.7	6.3	7.0	7.3	7.3	7.7	6.7
DALZ 1613	6.3	5.3	6.0	6.3	7.0	7.0	7.0	7.0	6.7	7.3	7.3	7.3	6.7
DALZ 1409	6.3	5.7	6.0	6.0	6.3	7.0	6.7	6.3	7.0	7.3	7.0	7.3	6.6
DALZ 1707	6.3	5.3	5.3	6.3	6.3	7.3	7.0	6.7	7.0	7.3	7.3	7.3	6.6
EMERALD	6.3	6.0	6.3	6.7	6.7	6.7	6.7	6.3	7.0	7.0	6.7	7.0	6.6
16-TZ-12783	6.3	6.0	5.0	5.7	5.7	7.0	7.0	6.0	7.0	7.7	7.3	7.3	6.5
FZ 1368	6.0	6.0	5.0	6.0	6.0	6.7	7.0	6.0	7.0	7.7	7.7	7.0	6.5
ZEON	6.3	6.3	6.3	6.0	6.0	7.3	6.7	6.0	6.7	6.7	6.7	6.7	6.5
DALZ 1701	6.0	5.7	5.7	6.3	6.3	6.7	6.7	6.3	6.7	6.7	6.7	6.7	6.4
DALZ 1806	6.3	6.0	6.0	6.0	6.0	6.3	6.3	6.0	7.0	7.0	6.7	6.7	6.4
UGA GZ 17-4	6.0	6.0	6.0	6.0	6.7	6.3	6.7	6.0	7.0	7.0	6.7	7.0	6.4
MEYER	5.7	5.3	6.0	6.0	6.0	6.7	6.0	6.0	6.7	7.0	7.0	7.0	6.3
FZ 1728	5.7	5.0	5.7	5.7	6.0	5.7	5.3	6.0	7.0	7.0	7.0	6.7	6.1
DALZ 1614	5.7	5.3	5.0	5.7	6.0	6.0	5.7	5.7	6.3	6.7	6.3	6.0	5.9
DALZ 1802	6.0	5.7	4.7	5.0	5.0	6.0	6.0	5.7	7.0	7.0	6.7	6.7	5.9
DALZ 1807	5.7	4.7	5.3	5.0	5.3	5.3	5.3	6.0	6.7	7.0	6.7	6.7	5.8
FZ 1721	5.0	4.0	4.0	4.7	5.0	4.3	5.3	6.0	6.7	7.3	7.3	7.0	5.6
LSD VALUE	1.6	1.4	1.6	1.5	1.8	1.4	1.6	1.5	1.1	1.3	1.6	1.2	0.9
C.V. (%)	11.3	12.2	13.6	12.1	12.9	10.6	10.9	10.7	7.1	8.3	9.9	7.6	7.5

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.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT GRIFFIN, GA 1/
2023 DATA

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

NAME	QUALITY RATINGS										MEAN
	GENETIC COLOR	COLOR SEPTEMBER	COLOR OCTOBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	
FZ 1327	6.3	6.3	6.0	4.3	5.0	6.0	6.3	6.3	6.7	7.0	6.0
DALZ 1614	6.0	6.0	6.0	2.7	5.3	6.3	6.7	6.7	6.7	6.7	5.9
DALZ 1701	6.7	6.3	6.0	3.0	5.7	6.0	6.7	6.7	6.7	6.7	5.9
EMPIRE	6.3	6.0	6.0	2.7	5.0	6.0	6.7	6.7	7.0	7.0	5.9
FZ 1367	6.3	6.7	6.7	3.0	5.7	6.3	6.3	6.7	6.7	6.7	5.9
FZ 1722	6.0	6.0	6.0	4.3	5.7	6.3	6.0	6.3	6.3	6.3	5.9
15-TZ-11715	6.3	6.7	6.3	4.3	5.3	6.0	6.0	6.3	6.3	6.3	5.8
16-TZ-12783	6.0	6.0	6.0	2.3	4.7	6.0	6.7	6.7	7.0	7.0	5.8
16-TZ-13463	6.0	6.7	6.7	2.3	5.0	6.0	6.3	7.0	7.0	7.0	5.8
DALZ 1707	6.3	6.3	6.3	1.7	5.3	6.0	6.7	7.0	7.0	6.7	5.8
DALZ 1311	6.0	6.0	6.0	1.7	4.7	6.3	6.7	6.7	7.0	7.0	5.7
DALZ 1408	6.0	6.0	6.0	3.0	5.3	6.0	6.3	6.3	6.3	6.3	5.7
DALZ 1613	6.3	6.3	6.0	2.3	5.0	6.0	6.7	6.3	6.7	6.7	5.7
DALZ 1713	6.3	6.7	6.3	3.3	5.0	6.0	6.3	6.3	6.3	6.7	5.7
DALZ 1808	6.0	6.0	6.0	3.3	5.3	6.0	6.3	6.3	6.3	6.3	5.7
FZ 1410	6.0	6.0	6.0	2.3	5.3	6.3	6.3	6.7	6.7	6.0	5.7
FZ 1723	6.0	6.0	6.0	3.3	4.7	6.0	6.0	6.3	6.7	6.7	5.7
DALZ 1601	6.0	6.0	6.0	3.0	5.0	6.0	6.3	6.3	6.3	6.3	5.6
FAES 1319	6.0	6.0	6.0	2.3	5.3	6.0	6.3	6.3	6.7	6.3	5.6
FAES 1335	6.3	6.3	6.0	2.7	5.0	6.0	6.3	6.3	6.3	6.3	5.6
FZ 1440	6.3	6.3	6.7	2.3	5.3	6.0	6.3	6.3	6.3	6.3	5.6
FZ 1721	6.0	6.0	6.0	2.3	5.7	6.3	6.0	6.0	6.3	6.3	5.6
MEYER	6.0	6.0	6.0	3.0	5.0	6.0	6.3	6.3	6.7	6.0	5.6
UGA GZ 17-4	6.0	6.0	6.0	1.7	5.0	6.0	6.3	6.7	6.7	6.7	5.6
DALZ 1409	6.7	6.3	6.0	2.3	5.3	6.0	6.0	6.3	6.3	6.3	5.5
FZ 1407	6.0	6.0	6.0	2.7	4.7	6.0	6.3	6.3	6.3	6.3	5.5
FZ 1728	6.3	6.3	6.0	2.3	4.7	6.0	6.3	6.3	6.7	6.3	5.5
FZ 1732	6.3	6.0	6.0	2.7	5.0	6.0	6.0	6.3	6.3	6.3	5.5
DALZ 1603	6.3	6.3	6.0	2.3	4.7	6.0	6.0	6.3	6.3	6.3	5.4
DALZ 1714	6.0	6.0	6.0	2.0	4.3	6.3	6.3	6.3	6.3	6.3	5.4
DALZ 1806	6.0	6.0	6.0	1.7	4.3	6.0	6.3	6.3	6.7	6.7	5.4
FZ 1368	6.0	6.3	6.3	3.3	5.3	5.7	5.7	6.0	6.0	6.0	5.4
FZ 1422	6.0	6.3	6.3	3.0	5.0	5.7	6.0	6.0	6.0	6.0	5.4
FZ 1436	6.0	6.0	6.0	2.0	4.7	6.0	6.3	6.3	6.3	6.3	5.4
DALZ 1807	6.0	6.0	6.0	2.3	4.7	6.0	6.0	6.0	6.0	6.0	5.3
ZEON	6.0	6.0	6.0	2.0	5.0	6.0	6.0	6.0	6.0	6.0	5.3
DALZ 1802	5.7	6.3	6.0	1.7	5.0	6.0	6.0	6.0	6.0	6.0	5.2
EMERALD	6.0	6.0	6.0	1.3	5.0	6.0	6.0	6.0	6.0	6.0	5.2
FZ 1727	6.7	6.3	6.7	2.7	4.0	6.0	6.0	6.0	6.0	6.0	5.2
LSD VALUE	1.2	1.2	0.6	3.9	1.9	1.0	1.7	2.1	1.4	1.2	1.7
C.V. (%)	6.1	6.1	4.6	46.2	12.4	4.5	7.4	8.2	7.5	7.2	7.3

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 6.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT WEST LAFAYETTE, IN 1/
2023 DATA

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

NAME	GENETIC	SPRING	LEAF	SUMMER	WINTER KILL	COLOR	MAY	QUALITY RATINGS				MEAN
	COLOR	GREENUP	TEXTURE	DENSITY		OCTOBER		JUN	JUL	AUG	SEP	
DALZ 1701	7.7	5.7	6.3	6.0	8.0	7.0	5.0	7.0	8.0	7.0	8.3	7.1
DALZ 1707	7.3	5.3	6.7	5.7	16.3	5.7	4.7	6.7	8.0	7.7	7.3	6.9
DALZ 1808	6.0	6.7	5.3	5.7	12.0	5.0	6.0	6.3	7.3	7.3	7.0	6.8
EMERALD	7.3	4.0	8.0	7.0	20.7	6.0	4.3	6.7	7.3	7.3	7.7	6.7
FAES 1319	7.0	5.7	5.7	5.7	25.0	7.0	4.0	6.7	7.0	7.7	8.0	6.7
FZ 1422	7.3	6.3	6.7	6.0	18.5	4.3	5.7	6.7	7.3	7.0	6.7	6.7
ZEON	7.0	5.3	8.3	7.0	16.3	5.7	4.7	6.3	8.0	7.3	7.0	6.7
FZ 1407	7.3	4.7	3.3	4.0	20.7	6.3	4.3	6.7	7.3	6.7	7.7	6.5
FZ 1410	7.3	4.7	3.3	4.0	29.0	5.3	4.7	6.0	7.0	6.7	8.0	6.5
DALZ 1603	7.0	4.3	3.3	4.0	24.7	5.3	5.0	6.7	7.0	6.7	6.7	6.4
EMPIRE	7.7	4.3	3.0	4.0	29.0	5.7	4.3	6.0	7.3	7.0	7.3	6.4
DALZ 1601	6.7	4.7	3.0	4.0	20.7	5.3	5.3	6.3	7.3	6.0	6.7	6.3
MEYER	7.3	6.3	5.7	5.0	16.3	4.3	6.0	6.0	6.0	6.3	6.3	6.1
DALZ 1311	7.0	4.3	3.7	4.0	33.0	5.7	3.7	6.0	7.0	6.3	7.0	6.0
DALZ 1613	7.0	4.7	6.7	6.3	33.3	7.3	4.0	5.7	6.0	6.3	7.3	5.9
DALZ 1614	6.7	4.3	7.0	6.3	29.0	7.0	3.7	5.7	6.7	6.3	7.3	5.9
FZ 1327	7.3	4.0	3.7	4.0	37.0	6.7	4.0	5.3	6.7	6.3	7.3	5.9
15-TZ-11715	7.7	3.7	7.0	6.0	37.0	5.7	3.7	5.3	6.3	6.7	7.0	5.8
FZ 1723	7.3	3.0	7.3	7.0	41.3	6.3	2.7	5.0	6.0	6.3	7.0	5.4
FZ 1727	8.0	2.3	7.7	6.3	49.7	6.7	2.7	5.0	5.7	6.3	7.0	5.3
DALZ 1713	7.0	5.0	6.0	6.0	37.0	5.0	5.0	5.0	5.0	5.0	6.0	5.2
FZ 1732	7.3	3.0	7.0	6.7	45.7	7.3	2.7	4.7	4.7	6.0	6.0	4.8
16-TZ-13463	7.5	2.0	7.0	6.0	66.3	6.3	2.7	3.7	3.7	4.7	6.0	4.1
FZ 1440	8.0	3.3	6.0	5.0	62.0	5.5	4.0	2.7	3.0	5.0	5.0	3.2
FZ 1722	7.0	1.7	7.0	6.5	74.7	7.0	1.7	2.3	2.7	3.7	4.3	2.9
16-TZ-12783	7.0	1.3	6.0	5.0	78.7	6.3	1.3	2.0	2.3	3.3	4.3	2.7
FAES 1335	7.0	1.7	6.5	5.0	83.0	6.7	1.7	2.7	2.0	3.0	3.7	2.6
DALZ 1408	.	.	.	.	.	6.0	2.0	1.0	1.0	2.0	4.0	2.0
FZ 1728	.	1.3	.	.	87.0	5.7	1.0	1.7	1.7	2.0	3.0	1.9
DALZ 1806	.	1.3	.	.	95.0	7.0	1.0	1.3	1.3	1.3	1.7	1.3
UGA GZ 17-4	8.0	1.3	8.0	.	91.0	7.5	1.0	1.5	1.3	1.5	1.5	1.3
FZ 1367	.	1.0	.	.	99.0	.	1.0	1.0	1.0	.	.	1.0
FZ 1436	.	1.0	.	.	99.0	.	1.0	1.0	1.0	.	.	1.0
DALZ 1409	.	.	.	.	.	.	.	.	.	.	.	.
DALZ 1714	.	.	.	.	.	.	.	.	.	.	.	.
DALZ 1802	.	.	.	.	.	.	.	.	.	.	.	.
DALZ 1807	.	.	.	.	.	.	.	.	.	.	.	.
FZ 1368	.	.	.	.	.	.	.	.	.	.	.	.
FZ 1721	.	.	.	.	.	.	.	.	.	.	.	.
LSD VALUE	1.2	1.8	0.7	0.6	23.7	2.0	1.6	1.7	1.8	1.5	1.5	1.4
C.V. (%)	6.5	28.2	7.5	6.2	33.2	15.0	25.8	20.2	20.5	16.3	14.3	17.3

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 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT MANHATTAN, KS 1/
2023 DATA

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

NAME	GENETIC		COLOR			QUALITY RATINGS				MEAN
	COLOR	SPRING GREENUP	WILTING	OCTOBER	SEEDHEAD	JUN	JUL	AUG	OCT	
DALZ 1808	6.3	6.0	8.7	6.3	6.3	7.7	8.0	8.0	6.7	7.6
ZEON	6.3	5.0	9.0	7.0	8.3	7.7	7.3	8.0	7.0	7.5
DALZ 1613	6.7	2.3	8.7	7.0	8.7	7.0	7.3	7.7	7.0	7.3
DALZ 1707	6.3	5.7	8.3	6.7	6.3	7.3	7.3	7.7	6.7	7.3
EMERALD	7.0	4.3	8.7	6.7	6.7	7.3	7.3	8.0	6.7	7.3
FZ 1727	7.7	1.7	8.0	7.0	9.0	7.0	7.3	7.7	7.0	7.3
DALZ 1701	7.0	5.3	9.0	6.3	4.7	7.0	7.7	7.7	6.3	7.2
DALZ 1601	6.7	5.3	9.0	7.0	6.7	7.7	6.7	7.0	7.0	7.1
FZ 1327	7.0	6.3	8.7	7.0	6.7	7.0	7.3	7.0	7.0	7.1
15-TZ-11715	7.0	3.3	9.0	6.7	8.7	7.0	6.7	7.7	6.7	7.0
FZ 1422	6.7	4.0	9.0	6.0	6.3	7.3	7.0	7.7	6.0	7.0
FZ 1732	7.0	1.7	8.3	6.7	9.0	6.3	7.0	8.0	6.7	7.0
DALZ 1603	6.0	5.0	8.7	7.0	5.7	7.3	6.7	7.0	6.7	6.9
FZ 1407	6.3	4.7	9.0	6.3	6.0	7.7	6.7	7.0	6.3	6.9
FZ 1410	6.3	4.7	9.0	6.3	6.0	7.3	7.0	7.3	6.0	6.9
DALZ 1311	5.7	5.3	9.0	6.7	5.3	6.7	6.7	7.0	6.7	6.8
FAES 1319	6.3	4.0	8.0	6.7	6.0	6.3	7.0	7.0	6.7	6.8
EMPIRE	6.3	4.3	9.0	6.3	6.3	6.7	6.3	6.7	6.3	6.5
FAES 1335	7.0	1.7	9.0	6.7	8.7	5.0	5.7	7.0	7.0	6.2
FZ 1722	7.3	1.3	8.0	6.3	8.7	5.0	6.0	6.3	6.7	6.0
16-TZ-12783	7.7	1.0	7.3	6.3	9.0	5.3	5.7	6.3	6.3	5.9
DALZ 1614	6.0	2.7	7.3	7.0	9.0	5.0	5.0	6.7	7.0	5.9
FZ 1723	6.3	2.7	8.0	5.3	8.3	5.3	5.7	6.3	6.0	5.8
MEYER	7.7	7.0	6.0	3.7	6.3	6.3	6.0	6.7	4.0	5.8
FZ 1728	7.7	1.0	8.3	6.0	9.0	5.0	5.3	6.3	6.0	5.7
DALZ 1713	6.0	1.3	9.0	7.0	9.0	4.3	5.0	5.7	7.0	5.5
FZ 1440	6.7	1.0	8.3	6.7	9.0	4.7	5.0	5.7	6.3	5.4
DALZ 1409	6.3	1.0	9.0	7.0	9.0	3.7	3.7	4.3	6.7	4.6
16-TZ-13463	6.7	2.0	6.7	6.0	9.0	3.0	3.7	5.0	5.3	4.3
DALZ 1714	5.3	1.7	9.0	7.0	9.0	3.0	3.3	4.0	6.0	4.1
FZ 1367	6.3	1.0	8.5	7.0	9.0	2.7	3.3	4.3	6.0	4.1
DALZ 1408	5.7	1.3	9.0	6.3	6.0	3.0	3.3	3.7	6.0	4.0
DALZ 1806	4.0	1.0	8.0	6.3	9.0	2.3	3.0	3.3	6.0	3.7
FZ 1436	4.3	1.0	8.0	6.7	9.0	2.7	2.7	3.0	6.0	3.6
FZ 1721	4.0	2.3	9.0	7.0	7.0	3.3	2.7	3.3	6.5	3.5
UGA GZ 17-4	4.3	1.0	8.0	6.5	9.0	2.7	2.7	3.3	5.5	3.2
DALZ 1802	1.0	1.0	.	.	.	1.0	1.0	1.0	.	1.0
DALZ 1807	1.0	1.0	.	.	.	1.0	1.0	1.0	.	1.0
FZ 1368	1.0	1.0	.	.	8.0	1.0	1.0	1.0	.	1.0
LSD VALUE	1.6	1.1	1.4	1.0	1.2	1.2	1.3	1.3	1.5	1.0
C.V. (%)	17.6	25.1	8.2	8.7	9.1	15.0	16.8	15.4	11.1	11.9

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

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

TABLE 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT COLLEGE PARK, MD 1/
2023 DATA

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

NAME	SPRING GREENUP	JUL	QUALITY RATINGS			MEAN
			AUG	SEP	OCT	
FAES 1335	3.7	6.7	7.7	8.0	8.0	7.6
FZ 1722	3.7	7.0	7.3	8.0	8.0	7.6
DALZ 1614	4.3	7.3	7.3	7.3	8.0	7.5
DALZ 1701	8.3	6.7	7.3	7.0	8.0	7.3
EMERALD	7.0	7.0	7.0	7.7	7.0	7.2
FZ 1727	3.3	7.0	7.0	7.7	7.0	7.2
DALZ 1713	3.0	5.3	6.7	8.0	8.3	7.1
FZ 1422	7.3	6.7	7.0	7.3	7.3	7.1
DALZ 1408	2.3	6.0	6.7	7.3	8.0	7.0
FAES 1319	7.3	6.0	7.0	7.3	7.7	7.0
FZ 1723	7.0	6.3	6.7	7.3	7.7	7.0
16-TZ-12783	3.0	5.7	6.7	7.7	7.7	6.9
DALZ 1409	2.7	6.0	6.3	7.3	8.0	6.9
DALZ 1808	7.7	6.3	6.7	6.7	8.0	6.9
FZ 1732	4.3	6.0	6.7	7.3	7.7	6.9
ZEON	6.7	6.0	6.7	7.3	7.7	6.9
16-TZ-13463	4.3	6.3	6.7	7.3	7.0	6.8
FZ 1367	2.0	6.0	6.3	7.0	8.0	6.8
FZ 1436	2.0	5.7	6.3	7.3	7.7	6.8
UGA GZ 17-4	3.3	5.3	6.3	7.3	8.0	6.8
DALZ 1613	4.0	5.3	6.3	7.0	8.0	6.7
MEYER	8.3	5.7	6.3	6.7	8.0	6.7
15-TZ-11715	5.7	5.7	6.3	7.3	7.0	6.6
FZ 1440	2.3	4.7	6.3	7.7	7.7	6.6
FZ 1728	3.3	5.7	6.3	7.3	7.0	6.6
DALZ 1707	7.0	4.7	6.3	7.0	8.0	6.5
EMPIRE	6.3	6.7	6.3	6.3	6.3	6.4
DALZ 1806	4.7	5.0	6.3	7.3	6.3	6.3
DALZ 1311	6.3	5.0	6.3	6.0	7.0	6.1
DALZ 1601	7.0	6.0	5.7	6.0	6.7	6.1
FZ 1327	6.7	5.7	6.0	5.7	6.3	5.9
FZ 1410	5.3	5.0	5.7	6.0	6.7	5.8
DALZ 1603	7.0	4.3	5.3	6.0	6.3	5.5
FZ 1407	5.7	3.3	4.7	4.7	6.7	4.8
FZ 1721	5.7	5.0	4.7	5.3	3.3	4.6
DALZ 1714	3.3	4.7	4.3	3.7	4.3	4.3
FZ 1368	5.0	4.0	4.0	4.0	4.0	4.0
DALZ 1802	2.0	3.7	4.0	3.7	3.3	3.7
DALZ 1807	6.3	3.3	3.7	3.7	2.3	3.3
LSD VALUE	1.2	2.5	1.3	1.1	0.9	1.0
C.V. (%)	15.6	21.5	13.0	11.2	8.5	10.5

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 9. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT RALEIGH, NC 1/
2023 DATA

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

NAME	QUALITY RATINGS									
	SPRING GREENUP	SUMMER DENSITY	DOLLAR SPOT	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
DALZ 1707	5.7	8.0	8.3	7.7	7.7	8.3	7.7	7.3	6.7	7.6
DALZ 1601	4.3	7.0	7.0	6.7	6.7	7.7	7.7	7.3	6.7	7.1
FAES 1319	5.0	7.3	6.7	5.7	6.7	8.0	7.7	7.3	7.3	7.1
DALZ 1603	4.7	6.7	7.0	6.7	7.0	7.3	7.0	7.0	7.0	7.0
DALZ 1311	4.7	7.0	7.3	7.0	7.0	7.3	7.0	6.7	6.7	6.9
DALZ 1701	4.0	7.0	7.0	6.3	7.3	7.3	6.7	6.7	7.0	6.9
FZ 1407	3.7	7.0	7.3	6.0	6.3	7.0	7.3	7.3	7.7	6.9
FZ 1727	2.3	8.0	6.3	5.0	6.7	7.3	7.3	7.3	7.3	6.8
EMERALD	4.3	8.0	5.0	6.7	6.7	7.3	6.7	6.3	6.0	6.6
FZ 1410	3.0	7.0	8.0	5.7	6.3	7.3	7.0	7.0	6.0	6.6
FZ 1722	3.3	7.7	5.7	5.7	6.0	7.0	6.7	7.0	7.3	6.6
DALZ 1614	4.3	8.0	4.7	6.3	6.3	7.0	6.7	6.3	6.3	6.5
FZ 1327	4.0	7.0	6.3	5.7	6.3	7.0	7.0	6.3	6.7	6.5
FZ 1422	3.3	7.7	6.0	5.3	6.3	7.0	7.0	7.0	6.3	6.5
DALZ 1613	3.0	7.3	6.3	5.0	5.3	6.7	7.0	7.0	7.3	6.4
DALZ 1808	5.0	7.0	6.7	6.0	6.3	7.0	6.0	6.3	6.0	6.3
FZ 1732	2.3	8.0	8.0	4.0	5.3	7.0	7.0	7.0	7.3	6.3
15-TZ-11715	3.3	7.7	8.7	4.7	5.7	6.7	6.7	6.7	6.7	6.2
EMPIRE	3.7	6.3	8.0	4.3	5.3	6.7	6.3	6.3	6.3	5.9
UGA GZ 17-4	4.0	7.3	4.0	6.0	6.7	6.7	5.7	5.3	5.3	5.9
ZEON	3.0	8.0	3.7	5.3	5.7	6.3	5.7	5.7	5.7	5.7
DALZ 1409	3.0	7.0	3.0	5.0	5.7	6.0	5.7	5.7	5.7	5.6
FZ 1723	3.0	7.7	6.7	4.3	5.0	6.0	6.0	6.0	6.3	5.6
16-TZ-13463	4.3	6.7	6.0	4.7	5.0	6.0	5.3	5.7	6.0	5.4
DALZ 1408	2.3	7.7	4.7	4.0	5.0	5.7	6.0	6.0	6.0	5.4
DALZ 1802	2.0	8.0	3.7	4.0	5.3	6.3	5.3	5.3	6.3	5.4
FZ 1367	2.3	6.7	4.3	4.7	5.0	5.0	5.3	5.3	5.7	5.2
16-TZ-12783	3.3	6.3	3.7	4.3	5.0	5.3	5.3	5.0	5.0	5.0
MEYER	5.0	5.0	7.7	4.7	4.3	5.3	4.7	5.0	5.0	4.8
FAES 1335	2.7	6.0	5.0	4.0	4.0	5.0	4.7	5.0	5.3	4.7
FZ 1440	2.0	6.3	4.3	4.3	4.3	4.3	4.7	4.7	5.0	4.6
DALZ 1807	3.0	4.7	5.0	4.7	4.7	5.0	3.7	3.7	4.7	4.4
FZ 1436	2.7	5.3	4.0	4.0	4.3	4.3	4.0	4.3	4.3	4.2
FZ 1368	2.3	6.3	3.7	3.3	3.7	4.3	4.3	4.3	4.3	4.1
DALZ 1714	3.0	5.7	4.0	3.3	3.3	3.7	4.0	4.3	5.0	3.9
DALZ 1713	2.0	5.0	7.0	3.0	3.3	3.7	3.7	3.7	4.3	3.6
DALZ 1806	2.0	6.7	3.7	2.3	2.7	3.3	3.3	3.7	4.3	3.3
FZ 1728	1.3	4.3	4.7	2.7	2.7	3.3	2.7	3.0	3.3	2.9
FZ 1721	1.0	2.7	4.0	1.0	1.3	1.7	1.7	1.7	1.7	1.5
LSD VALUE	1.0	1.4	2.1	1.2	1.2	1.2	1.4	1.3	1.3	1.0
C.V. (%)	19.2	13.3	22.6	16.0	14.5	12.8	15.8	14.9	13.8	12.0

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

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

TABLE 10.

PERCENT GROUND COVER RATINGS OF ZOYSIAGRASS CULTIVARS
 IN THE 2019 NATIONAL ZOYSIAGRASS TEST GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
 2023 DATA 2/

NAME	SEPTEMBER 13		SEPTEMBER 22		SEPTEMBER 29		OCTOBER 6		OCTOBER 13	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
DALZ 1802	99.0	96.3	99.0	94.0	99.0	91.7	99.0	89.3	99.0	86.7
FZ 1368	99.0	97.0	99.0	95.0	99.0	91.3	99.0	89.3	99.0	88.0
15-TZ-11715	99.0	96.3	99.0	93.0	99.0	90.0	99.0	88.0	99.0	84.0
DALZ 1614	99.0	95.7	99.0	93.0	99.0	89.3	99.0	87.0	99.0	82.3
DALZ 1714	99.0	97.0	99.0	95.7	99.0	93.0	99.0	90.0	99.0	87.0
DALZ 1806	99.0	95.7	99.0	92.3	99.0	87.7	99.0	85.0	99.0	80.7
FZ 1422	99.0	97.0	99.0	95.0	99.0	92.0	99.0	88.7	99.0	86.0
EMERALD	99.0	95.7	99.0	91.3	99.0	87.0	99.0	83.3	99.0	78.3
DALZ 1701	99.0	97.0	99.0	95.0	99.0	91.3	99.0	87.7	99.0	85.0
FZ 1722	99.0	96.3	99.0	91.3	99.0	88.0	99.0	85.0	99.0	82.0
DALZ 1409	99.0	95.7	99.0	91.3	99.0	87.0	99.0	82.3	99.0	79.0
16-TZ-13463	99.0	96.3	99.0	91.7	99.0	88.3	99.0	85.0	99.0	81.0
DALZ 1707	99.0	96.3	99.0	92.0	99.0	88.0	99.0	83.0	99.0	79.3
FAES 1319	99.0	96.3	99.0	94.0	99.0	90.0	99.0	87.0	99.0	82.0
UGA GZ 17-4	99.0	95.7	99.0	90.7	99.0	86.0	99.0	83.0	99.0	79.3
DALZ 1408	99.0	95.7	99.0	91.7	99.0	85.7	99.0	82.3	99.0	78.3
FZ 1436	99.0	93.3	99.0	90.0	99.0	84.3	99.0	81.0	99.0	77.3
DALZ 1311	99.0	95.7	99.0	91.3	99.0	87.7	99.0	82.3	99.0	76.7
DALZ 1613	99.0	97.0	99.0	91.3	99.0	86.0	99.0	80.7	99.0	76.0
FZ 1723	99.0	96.3	99.0	91.3	99.0	85.0	99.0	80.0	99.0	76.0
FAES 1335	99.0	95.7	99.0	91.7	99.0	86.7	99.0	81.7	99.0	76.7
FZ 1727	99.0	95.7	99.0	90.7	99.0	86.7	99.0	82.3	99.0	76.7
ZEON	99.0	96.3	99.0	92.3	99.0	89.0	99.0	84.3	99.0	78.0
DALZ 1601	99.0	96.3	99.0	93.0	99.0	89.3	99.0	83.0	99.0	77.7
DALZ 1808	99.0	94.0	99.0	90.0	99.0	85.0	99.0	81.0	99.0	76.3
EMPIRE	99.0	97.0	99.0	93.7	99.0	90.3	99.0	86.7	99.0	81.0
FZ 1367	99.0	95.7	99.0	90.0	99.0	85.0	99.0	80.0	99.0	77.0
FZ 1407	99.0	97.0	99.0	95.0	99.0	90.0	99.0	85.0	99.0	80.0
DALZ 1603	99.0	95.0	99.0	90.0	99.0	85.0	99.0	80.0	99.0	75.0
FZ 1327	99.0	95.0	99.0	90.7	99.0	85.0	99.0	79.0	99.0	74.3
FZ 1410	99.0	96.3	99.0	92.3	99.0	88.3	99.0	83.3	99.0	78.3
FZ 1732	99.0	95.7	99.0	91.3	99.0	86.0	99.0	81.3	99.0	75.0
FZ 1440	99.0	93.3	99.0	87.7	99.0	82.3	99.0	78.7	99.0	73.0
16-TZ-12783	99.0	96.3	99.0	91.3	99.0	87.7	99.0	82.3	99.0	77.3
MEYER	99.0	95.0	99.0	92.3	99.0	87.7	99.0	83.3	99.0	77.7
DALZ 1713	99.0	95.0	99.0	90.7	99.0	86.0	99.0	80.7	99.0	75.0
DALZ 1807	92.3	85.0	92.3	79.3	92.3	74.0	92.3	71.3	92.3	67.3
FZ 1728	99.0	93.3	99.0	87.3	99.0	80.7	99.0	76.0	99.0	70.7
FZ 1721	96.3	91.7	96.3	85.7	96.3	80.0	96.3	75.7	96.3	71.0
LSD VALUE	0.8	2.0	0.8	3.0	0.8	3.9	0.8	3.7	0.8	4.8
C.V. (%)	0.6	1.4	0.6	2.1	0.6	2.9	0.6	2.9	0.6	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 10. PERCENT GROUND COVER RATINGS OF ZOYSIAGRASS CULTIVARS
 (CONT'D) IN THE 2019 NATIONAL ZOYSIAGRASS TEST GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
 2023 DATA 2/

NAME	OCTOBER 27		NOVEMBER 3		NOVEMBER 10		NOVEMBER 17	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
DALZ 1802	99.0	84.0	99.0	77.3	99.0	71.0	99.0	65.0
FZ 1368	99.0	83.0	99.0	77.7	99.0	70.0	99.0	58.3
15-TZ-11715	99.0	77.3	99.0	68.3	99.0	61.0	99.0	50.0
DALZ 1614	99.0	76.0	99.0	66.0	99.0	56.0	99.0	50.0
DALZ 1714	99.0	81.7	99.0	72.0	99.0	61.7	99.0	50.0
DALZ 1806	99.0	76.0	99.0	68.3	99.0	58.7	99.0	50.0
FZ 1422	99.0	76.0	99.0	66.7	99.0	57.7	99.0	48.3
EMERALD	99.0	72.3	99.0	63.3	99.0	54.3	99.0	47.7
DALZ 1701	99.0	77.7	99.0	66.7	99.0	56.0	99.0	46.7
FZ 1722	99.0	75.0	99.0	66.7	99.0	56.0	99.0	46.7
DALZ 1409	99.0	73.3	99.0	63.3	99.0	54.3	99.0	46.0
16-TZ-13463	99.0	74.0	99.0	65.0	99.0	55.0	99.0	45.0
DALZ 1707	99.0	71.7	99.0	62.3	99.0	52.7	99.0	45.0
FAES 1319	99.0	74.0	99.0	65.0	99.0	55.0	99.0	45.0
UGA GZ 17-4	99.0	73.0	99.0	62.7	99.0	53.3	99.0	43.3
DALZ 1408	99.0	71.7	99.0	64.0	99.0	52.7	99.0	42.7
FZ 1436	99.0	72.0	99.0	62.0	99.0	55.0	99.0	42.7
DALZ 1311	99.0	68.7	99.0	59.3	99.0	50.3	99.0	42.0
DALZ 1613	99.0	67.7	99.0	60.0	99.0	51.0	99.0	41.7
FZ 1723	99.0	70.7	99.0	60.0	99.0	51.0	99.0	41.7
FAES 1335	99.0	70.7	99.0	60.7	99.0	51.0	99.0	41.0
FZ 1727	99.0	68.7	99.0	60.7	99.0	51.7	99.0	41.0
ZEON	99.0	69.0	99.0	60.0	99.0	49.3	99.0	41.0
DALZ 1601	99.0	69.3	99.0	59.3	99.0	50.0	99.0	40.0
DALZ 1808	99.0	70.3	99.0	60.7	99.0	50.0	99.0	40.0
EMPIRE	99.0	70.7	99.0	60.0	99.0	49.3	99.0	40.0
FZ 1367	99.0	71.3	99.0	62.3	99.0	51.0	99.0	40.0
FZ 1407	99.0	70.0	99.0	60.0	99.0	50.0	99.0	40.0
DALZ 1603	99.0	68.0	99.0	60.0	99.0	49.3	99.0	39.3
FZ 1327	99.0	67.0	99.0	58.3	99.0	47.7	99.0	39.3
FZ 1410	99.0	69.3	99.0	60.0	99.0	49.3	99.0	39.3
FZ 1732	99.0	68.7	99.0	60.0	99.0	50.0	99.0	39.3
FZ 1440	99.0	68.7	99.0	59.3	99.0	48.7	99.0	38.7
16-TZ-12783	99.0	69.7	99.0	60.0	99.0	48.3	99.0	38.3
MEYER	99.0	70.7	99.0	60.0	99.0	48.7	99.0	38.0
DALZ 1713	99.0	68.3	99.0	58.3	99.0	47.0	99.0	37.7
DALZ 1807	92.3	60.7	92.3	51.7	92.3	43.7	92.3	35.3
FZ 1728	99.0	65.0	99.0	57.0	99.0	45.3	99.0	32.7
FZ 1721	96.3	63.3	96.3	52.0	96.3	40.3	96.3	32.0
LSD VALUE	0.8	5.4	0.8	7.1	0.8	7.1	0.8	7.6
C.V. (%)	0.6	4.7	0.6	7.0	0.6	8.5	0.6	11.0

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

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

TABLE 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT STILLWATER, OK 1/
2023 DATA

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

NAME	QUALITY RATINGS												MEAN
	GENETIC COLOR	SPRING GREENUP	COLOR NOVEMBER	SEEDHEAD	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
DALZ 1701	7.0	6.7	3.0	9.0	6.0	6.3	7.0	8.0	8.0	8.0	6.0	2.7	6.5
DALZ 1707	6.7	5.3	2.7	8.3	5.3	5.3	6.7	8.0	8.0	7.7	6.0	3.0	6.3
DALZ 1808	6.0	5.7	2.7	9.0	5.0	6.0	6.7	7.7	8.0	7.3	6.0	3.7	6.3
EMERALD	6.3	6.0	3.3	9.0	5.3	6.0	7.0	7.0	8.0	7.3	6.0	4.0	6.3
MEYER	6.0	6.3	2.0	6.7	6.0	5.7	7.0	7.3	8.0	7.7	5.3	2.7	6.2
DALZ 1409	6.0	5.0	3.0	9.0	4.3	5.0	5.7	7.3	8.0	8.0	6.0	3.3	6.0
DALZ 1601	7.0	4.0	3.3	5.7	4.7	4.0	6.7	7.7	8.0	7.7	6.3	2.7	6.0
FZ 1422	6.3	4.3	2.7	9.0	4.3	4.3	7.0	8.0	8.0	8.3	5.7	2.7	6.0
EMPIRE	7.3	4.3	2.7	7.0	4.0	4.7	6.7	7.3	8.0	8.3	5.3	2.7	5.9
FZ 1407	6.7	4.0	3.0	6.3	4.7	3.7	6.7	7.7	8.0	7.3	6.3	3.0	5.9
ZEON	6.3	5.0	3.7	9.0	5.0	5.0	6.7	7.3	8.0	7.0	5.3	2.7	5.9
FZ 1327	7.7	3.7	2.3	7.7	4.0	3.7	6.3	8.0	8.0	8.0	5.7	3.0	5.8
FZ 1723	6.3	4.3	3.3	9.0	3.7	4.3	6.7	7.7	8.0	7.0	5.7	3.3	5.8
UGA GZ 17-4	6.7	3.7	2.7	9.0	3.7	3.0	6.3	7.7	8.0	7.3	6.7	4.0	5.8
DALZ 1311	6.3	3.7	3.0	6.3	4.0	3.7	6.3	7.7	8.0	7.3	5.7	3.0	5.7
DALZ 1802	7.7	3.0	5.0	9.0	2.0	3.0	6.0	7.0	7.5	8.5	6.5	5.0	5.7
FAES 1319	6.7	4.0	3.0	8.7	3.3	3.7	6.0	8.0	8.0	7.7	6.0	3.0	5.7
FZ 1727	6.7	3.3	2.7	9.0	3.3	3.3	5.7	7.7	8.3	7.7	6.3	3.3	5.7
15-TZ-11715	7.0	3.0	4.0	9.0	3.3	3.0	6.3	8.0	8.0	7.3	6.0	2.7	5.6
DALZ 1614	7.0	3.7	2.7	9.0	3.3	3.7	5.3	7.3	8.0	8.0	6.3	2.7	5.6
DALZ 1713	6.3	3.0	2.3	8.0	2.7	3.0	6.3	8.0	8.0	7.3	6.3	3.3	5.6
FZ 1722	7.0	2.7	3.3	9.0	2.7	2.7	5.7	8.3	8.0	8.3	6.0	3.3	5.6
FZ 1732	7.0	4.0	2.0	7.0	3.3	4.0	5.3	8.0	8.0	7.7	6.0	2.3	5.6
DALZ 1408	7.3	2.0	2.0	9.0	2.7	2.3	6.7	7.7	8.3	8.3	5.7	2.0	5.5
DALZ 1603	6.7	4.7	3.0	7.0	4.0	4.3	6.3	7.3	7.7	6.3	4.7	3.0	5.5
DALZ 1613	6.3	3.3	3.3	9.0	3.0	3.3	5.7	8.3	7.7	7.3	6.0	2.7	5.5
DALZ 1714	7.3	3.0	3.7	9.0	3.0	3.0	6.0	7.0	7.7	7.7	6.0	3.7	5.5
FZ 1410	6.7	3.3	3.0	6.3	3.7	3.3	6.3	7.7	7.7	7.3	5.0	2.7	5.5
FAES 1335	6.3	3.0	2.7	9.0	3.3	3.0	5.7	8.0	8.0	7.0	6.0	2.3	5.4
FZ 1368	7.3	3.0	2.3	9.0	2.7	3.3	5.7	7.0	7.7	8.3	6.0	2.3	5.4
16-TZ-12783	7.0	2.7	2.7	9.0	3.0	2.7	5.7	7.7	8.0	6.3	5.3	3.3	5.3
FZ 1367	7.0	2.0	2.0	8.7	2.0	2.0	5.7	7.7	8.3	8.3	6.0	2.3	5.3
FZ 1436	7.3	3.0	2.0	9.0	2.3	3.0	5.7	7.7	8.0	7.7	5.7	2.3	5.3
FZ 1440	7.0	2.7	2.0	8.0	2.7	2.7	6.0	7.0	7.7	8.0	6.0	2.7	5.3
DALZ 1806	7.7	2.7	4.0	9.0	3.0	2.7	5.7	7.3	7.3	7.0	5.3	3.3	5.2
16-TZ-13463	7.7	2.7	3.7	9.0	3.3	2.7	6.3	6.0	7.7	6.3	5.3	3.0	5.1
FZ 1728	6.7	3.3	2.7	6.7	3.3	4.0	5.3	5.3	7.3	6.3	4.3	2.7	4.8
DALZ 1807	7.5	3.3	5.0	9.0	2.0	2.0	5.5	5.5	6.0	6.5	6.0	3.5	4.6
FZ 1721	6.7	1.3	3.3	9.0	2.7	2.3	5.3	4.0	6.0	6.0	4.7	2.0	4.1
LSD VALUE	1.8	1.5	1.3	2.1	1.0	1.3	1.4	1.3	0.7	1.7	1.7	1.8	0.5
C.V. (%)	10.1	24.6	23.8	13.3	18.2	22.0	10.5	10.3	5.2	10.6	11.9	25.5	5.8

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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS								MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
16-TZ-12783	6.7	6.0	8.0	6.0	6.3	6.7	7.3	6.3	6.3	5.3	5.0	5.5
EMERALD	6.3	5.7	7.7	4.7	6.0	8.0	7.0	6.3	6.7	6.7	4.3	5.5
DALZ 1603	7.0	6.0	7.0	5.0	6.0	8.0	6.7	6.0	6.3	6.3	4.3	5.4
DALZ 1808	6.0	5.0	8.0	3.7	6.3	7.7	7.0	6.3	7.0	5.7	4.7	5.4
FAES 1335	6.3	5.7	7.7	4.3	6.7	7.7	6.3	6.3	6.3	6.0	5.0	5.4
FZ 1422	7.0	6.0	9.0	5.7	6.3	7.3	6.7	7.0	7.0	5.0	4.0	5.4
DALZ 1408	5.3	4.0	8.3	5.0	6.0	7.3	6.3	7.0	6.7	5.7	3.3	5.3
DALZ 1707	6.3	5.7	7.7	4.3	6.7	7.3	7.0	6.3	6.3	5.3	4.0	5.3
DALZ 1806	6.3	6.3	9.0	5.3	6.0	6.7	6.3	6.3	6.7	5.7	4.3	5.3
DALZ 1807	5.7	6.3	7.7	4.7	6.0	6.7	6.7	7.3	6.7	4.7	5.3	5.3
DALZ 1613	6.7	6.3	8.3	5.3	5.7	6.3	7.0	6.3	6.0	6.0	4.3	5.2
FZ 1436	6.0	5.0	8.0	3.7	6.3	7.3	6.7	6.3	6.0	5.3	5.0	5.2
FZ 1723	6.7	5.7	8.0	5.3	5.7	6.3	6.3	6.7	5.7	6.7	4.0	5.2
FZ 1728	6.3	6.3	8.7	5.3	6.0	7.0	6.7	6.3	6.0	4.7	4.7	5.2
16-TZ-13463	6.3	4.3	7.0	3.7	5.3	6.3	6.3	6.3	5.7	6.7	5.7	5.1
DALZ 1601	7.0	6.7	7.3	5.7	5.7	6.0	6.3	6.0	6.0	5.7	5.0	5.1
FZ 1410	6.0	5.7	8.0	4.0	5.3	6.0	6.7	6.7	6.0	5.7	6.0	5.1
FZ 1440	7.0	7.0	8.3	6.0	5.7	6.7	6.0	5.7	5.7	5.7	4.3	5.1
FZ 1727	6.3	5.3	8.0	4.3	5.3	6.0	6.3	6.3	6.0	6.3	5.0	5.1
DALZ 1614	6.0	4.7	8.7	4.3	5.3	6.7	6.0	6.3	5.7	5.7	4.7	5.0
DALZ 1701	6.0	5.7	8.0	5.0	6.0	5.7	5.7	6.3	5.7	4.7	5.7	5.0
DALZ 1714	7.0	6.7	7.0	6.0	6.0	5.3	6.3	5.7	5.7	5.3	5.0	5.0
FAES 1319	5.7	4.7	8.7	3.7	5.3	6.7	7.0	6.7	6.3	5.0	4.0	5.0
FZ 1327	7.0	6.0	8.0	5.3	6.0	6.3	6.0	6.3	6.0	5.3	4.0	5.0
FZ 1367	6.0	5.7	8.7	4.7	5.7	6.7	6.0	6.0	5.7	5.0	5.0	5.0
FZ 1368	6.3	5.3	7.7	4.7	5.7	5.7	6.7	7.0	6.7	4.3	4.3	5.0
MEYER	6.7	6.3	7.0	5.7	6.0	7.0	5.7	5.7	5.7	5.7	3.3	5.0
FZ 1722	6.3	5.3	8.3	4.7	5.0	5.3	6.0	6.7	5.7	5.7	5.3	4.9
FZ 1732	5.7	5.0	7.0	4.7	5.0	5.0	6.3	7.0	6.0	5.0	5.3	4.9
DALZ 1409	6.0	5.0	8.3	4.0	4.7	5.0	5.3	6.7	5.7	6.0	6.0	4.8
FZ 1407	6.3	5.7	8.3	4.7	5.0	5.0	6.3	6.7	6.3	5.0	4.3	4.8
DALZ 1802	6.3	5.7	8.0	5.0	5.7	6.0	6.3	5.3	5.3	4.3	4.3	4.7
UGA GZ 17-4	5.7	4.0	8.7	4.0	4.7	5.3	6.7	6.0	5.3	6.0	4.7	4.7
DALZ 1713	5.7	4.0	8.3	4.3	5.0	5.0	6.3	6.0	5.3	5.3	4.0	4.6
ZEON	6.3	5.0	8.0	4.3	4.3	4.7	6.3	6.3	5.7	6.0	3.3	4.6
EMPIRE	6.3	3.7	8.3	4.0	5.0	5.3	5.0	5.7	5.3	5.0	5.0	4.5
15-TZ-11715	6.3	6.0	7.0	5.0	5.0	4.3	5.7	5.3	4.3	5.0	5.0	4.4
FZ 1721	5.7	5.3	7.7	4.7	5.0	5.3	5.7	5.3	5.3	5.0	3.3	4.4
DALZ 1311	6.3	4.3	7.7	4.0	4.0	4.3	5.3	5.0	4.7	5.3	4.7	4.1
LSD VALUE	3.0	2.8	2.1	3.1	4.1	5.7	2.7	2.9	2.9	4.1	1.9	1.3
C.V. (%)	13.0	20.6	10.1	22.4	20.2	27.4	13.4	14.0	15.7	20.2	19.1	9.5

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 12.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	DENSITY	DENSITY	DENSITY	PERCENT GROUND COVER			COLOR	COLOR	COLOR
	SPRING	SUMMER	FALL	SPRING	SUMMER	FALL	SEPTEMBER	OCTOBER	NOVEMBER
16-TZ-12783	5.0	6.0	5.7	45.3	91.7	53.0	5.0	4.3	3.7
EMERALD	5.0	5.7	7.0	22.3	92.0	63.0	5.0	4.7	3.7
DALZ 1603	4.0	5.7	6.0	42.3	89.7	62.3	5.0	4.0	4.0
DALZ 1808	5.0	6.0	6.3	12.7	92.7	48.0	5.0	4.3	4.0
FAES 1335	3.7	6.0	6.3	23.7	92.7	63.7	5.0	4.3	4.0
FZ 1422	5.0	6.0	6.7	48.0	94.3	46.0	5.0	4.7	4.0
DALZ 1408	5.3	5.3	5.7	18.0	92.7	59.3	5.0	4.3	3.7
DALZ 1707	5.7	6.7	5.7	25.7	92.7	54.7	5.0	4.0	4.0
DALZ 1806	4.3	5.7	5.3	39.3	91.3	53.0	5.0	4.0	4.0
DALZ 1807	5.3	5.0	4.3	36.0	90.0	42.7	5.0	4.0	3.7
DALZ 1613	4.0	6.0	5.3	38.7	92.0	54.7	5.0	4.0	4.0
FZ 1436	4.3	5.7	5.0	16.0	91.0	52.3	5.0	4.3	3.3
FZ 1723	4.0	5.3	6.3	28.3	90.7	63.0	5.0	4.7	4.0
FZ 1728	4.3	5.7	5.7	43.3	93.3	53.7	5.0	4.0	4.0
16-TZ-13463	4.0	4.7	6.0	7.7	90.3	70.0	5.0	4.3	3.7
DALZ 1601	4.3	5.3	5.3	43.3	91.0	58.0	5.0	4.3	3.7
FZ 1410	5.0	7.0	5.7	27.3	90.0	65.0	5.0	4.3	4.0
FZ 1440	4.3	5.7	5.7	51.0	89.3	58.0	5.0	4.0	3.7
FZ 1727	4.0	5.3	6.7	20.3	90.3	64.3	5.0	4.0	3.7
DALZ 1614	4.0	5.0	5.3	11.7	87.3	63.3	5.0	4.3	3.7
DALZ 1701	4.3	5.0	4.0	38.7	87.3	47.7	4.3	4.3	3.7
DALZ 1714	4.0	6.3	4.7	51.3	91.3	50.7	4.7	4.0	3.7
FAES 1319	6.3	6.0	4.7	8.3	93.0	51.7	5.0	4.0	4.0
FZ 1327	4.3	5.3	5.3	32.7	90.7	56.7	5.0	4.3	3.7
FZ 1367	3.7	5.0	4.3	26.0	89.3	49.0	5.0	4.3	4.0
FZ 1368	6.0	6.3	4.7	18.7	92.0	46.3	5.0	4.0	3.3
MEYER	3.7	4.3	6.3	39.7	84.0	38.3	5.3	4.3	4.0
FZ 1722	4.0	5.3	6.3	27.7	91.0	52.0	5.0	4.3	4.0
FZ 1732	5.7	5.3	5.0	23.3	91.0	51.0	5.0	4.0	4.0
DALZ 1409	4.3	5.0	5.7	15.3	86.0	54.3	5.0	4.3	4.0
FZ 1407	4.7	5.7	5.0	29.7	92.0	55.0	5.0	4.0	3.7
DALZ 1802	4.0	4.7	4.0	31.7	89.3	41.3	5.0	4.0	3.7
UGA GZ 17-4	3.3	5.7	4.7	12.0	91.7	65.7	4.7	4.3	3.3
DALZ 1713	3.0	5.0	5.0	14.7	90.3	57.0	5.0	4.3	3.7
ZEON	5.0	5.7	5.3	15.7	93.0	54.0	5.0	4.3	3.7
EMPIRE	3.7	4.3	4.7	15.3	88.0	51.7	4.7	4.0	3.7
15-TZ-11715	3.3	5.0	4.7	31.7	88.0	58.3	4.7	4.0	3.7
FZ 1721	3.7	4.7	4.7	27.7	89.0	49.3	5.0	4.0	3.7
DALZ 1311	3.7	6.0	4.7	4.7	64.7	48.7	5.0	4.0	3.3
LSD VALUE	5.2	7.1	6.1	33.9	30.7	61.7	1.0	1.4	1.8
C.V. (%)	32.0	27.1	28.2	58.0	9.4	27.1	5.6	9.1	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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST AT DALLAS (DROUGHT), TX 1/
2023 DATA

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

NAME	GENETIC	SPRING	LEAF	COLOR			QUALITY DURING DRYDOWN		RECOVERY		QUALITY RATINGS			MEAN
	COLOR	GREENUP	TEXTURE	WINTER KILL	DECEMBER	SEEDHEAD	JULY 27	SEPTEMBER 8	AUGUST 16	OCTOBER 1	MAY	JUN	NOV	
EMERALD	6.3	5.7	7.7	13.3	4.3	5.7	5.0	3.0	4.3	6.0	6.3	6.7	6.0	6.3
DALZ 1409	6.7	2.7	8.0	51.7	5.0	9.0	6.0	4.3	4.3	5.7	5.0	6.3	6.3	5.9
ZEON	6.0	4.3	8.0	18.3	4.3	9.0	5.7	4.0	4.7	6.0	5.3	6.3	6.0	5.9
DALZ 1601	6.0	4.3	4.7	26.7	3.7	6.7	7.0	5.3	6.0	5.0	4.7	7.3	5.0	5.7
DALZ 1713	6.7	2.7	6.7	60.0	4.0	9.0	6.3	5.7	5.7	5.7	4.7	6.3	6.0	5.7
UGA GZ 17-4	5.7	3.0	8.0	45.0	4.7	9.0	5.3	5.0	5.3	5.0	5.3	6.0	5.7	5.7
DALZ 1311	6.3	3.7	4.7	26.7	2.7	7.7	6.3	4.7	6.0	5.0	4.3	7.0	5.0	5.4
DALZ 1802	6.7	2.3	8.0	61.7	4.3	9.0	4.7	4.3	5.0	5.7	4.3	5.7	6.3	5.4
DALZ 1807	8.7	2.0	8.0	63.3	7.0	9.0	4.7	4.0	5.0	6.0	4.3	6.0	6.0	5.4
FZ 1422	7.3	4.3	7.0	15.0	2.3	8.7	5.7	3.7	5.0	4.3	5.0	6.7	4.7	5.4
FZ 1407	6.0	4.0	4.7	46.7	4.0	8.0	4.7	5.0	5.7	5.3	4.0	6.7	5.3	5.3
DALZ 1603	5.7	3.3	5.3	51.7	3.0	8.3	6.7	6.0	6.7	6.3	3.3	6.3	6.0	5.2
FAES 1319	6.3	4.0	6.7	38.3	3.0	6.0	5.3	4.0	4.7	5.0	4.3	6.0	5.0	5.1
FZ 1732	6.0	2.0	7.3	65.0	5.3	9.0	5.0	4.7	5.0	6.0	3.7	5.3	6.3	5.1
DALZ 1707	6.3	5.3	6.3	16.7	1.7	2.3	5.3	2.7	3.7	3.7	5.0	6.7	3.3	5.0
FZ 1367	7.0	2.0	8.0	61.7	3.0	9.0	4.7	4.0	4.3	4.7	4.3	5.3	5.0	4.9
DALZ 1408	7.3	2.0	8.0	56.7	3.7	9.0	4.3	4.0	4.3	4.7	4.3	4.7	5.3	4.8
FZ 1436	6.0	2.3	8.0	68.3	3.0	9.0	4.0	3.7	4.3	4.7	4.7	5.3	4.3	4.8
FAES 1335	6.3	2.3	7.0	61.7	3.7	9.0	4.7	3.7	4.7	4.0	4.3	5.7	4.0	4.7
DALZ 1613	6.0	2.7	7.0	51.7	3.3	9.0	5.0	4.0	5.0	5.0	3.7	5.0	5.0	4.6
DALZ 1714	6.7	2.3	7.0	71.7	5.7	8.3	5.0	4.0	4.3	5.0	3.0	5.0	5.7	4.6
DALZ 1808	6.7	4.7	6.0	35.0	2.7	7.7	4.7	3.7	4.7	4.0	4.3	5.7	3.7	4.6
FZ 1440	6.0	2.0	8.0	60.0	3.0	9.0	5.3	4.3	5.0	4.3	4.0	5.3	4.3	4.6
DALZ 1614	6.0	3.0	7.0	61.7	3.0	8.7	4.7	4.7	5.3	4.7	3.3	5.0	5.0	4.4
DALZ 1701	7.0	4.0	6.3	41.7	2.0	7.0	5.3	3.7	5.7	4.0	4.0	5.0	3.7	4.2
EMPIRE	6.3	3.0	5.0	63.3	2.7	8.7	5.0	5.0	6.0	5.3	2.3	5.0	5.0	4.1
FZ 1410	6.0	2.0	5.7	81.7	4.0	9.0	5.7	5.3	5.7	5.7	2.3	4.0	5.7	4.0
DALZ 1806	7.5	1.7	8.0	79.7	5.3	9.0	3.7	3.3	5.5	4.3	4.0	3.7	4.7	3.9
FZ 1368	5.3	1.7	7.7	83.3	3.7	9.0	4.7	4.0	4.3	4.7	2.3	4.3	5.0	3.9
16-TZ-12783	6.3	1.3	7.7	91.7	3.3	9.0	3.3	4.3	4.7	5.3	2.3	3.7	5.3	3.8
FZ 1723	5.0	2.3	7.7	66.3	3.7	9.0	4.0	3.0	3.0	4.3	3.0	4.0	4.3	3.8
15-TZ-11715	6.3	3.0	7.7	70.0	3.7	9.0	3.7	4.0	4.7	5.0	2.3	3.7	5.0	3.7
FZ 1722	6.7	2.0	7.3	82.7	3.0	9.0	3.3	2.7	4.0	4.0	2.3	4.3	4.3	3.7
FZ 1727	6.5	1.3	8.0	90.0	5.0	9.0	2.7	3.0	3.3	5.0	2.0	3.0	5.7	3.6
FZ 1728	7.7	1.0	8.0	96.0	4.7	9.0	3.0	3.7	3.3	4.7	2.0	2.7	5.3	3.3
16-TZ-13463	6.5	1.3	7.7	91.3	4.3	9.0	2.7	2.3	3.0	4.3	2.0	3.3	4.3	3.2
FZ 1327	6.0	2.0	6.3	84.3	2.7	9.0	4.0	3.3	4.0	4.7	2.3	3.3	3.7	3.1
MEYER	7.5	2.5	5.5	40.0	1.0	8.0	3.0	3.0	3.5	3.0	3.0	3.5	2.0	2.8
FZ 1721	5.5	1.7	7.7	91.0	3.3	9.0	2.7	2.5	3.0	4.5	1.7	2.7	3.3	2.6
LSD VALUE	2.3	1.1	0.7	26.4	2.3	0.9	1.7	1.7	2.6	2.3	1.9	2.1	2.2	1.5
C.V. (%)	14.2	26.3	6.3	28.2	33.3	6.9	21.3	22.5	24.4	19.6	29.5	23.3	21.8	19.0

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

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

TABLE 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST GROWN UNDER SHADE AT COLLEGE STATION, TX 1/
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
FAES 1319	6.7	3.0	6.0	3.7	6.0	7.7	7.0	5.7	5.3	5.0	5.8
DALZ 1311	6.3	3.7	5.0	4.0	6.0	6.7	6.3	5.3	5.0	5.3	5.5
UGA GZ 17-4	6.7	3.7	8.0	4.3	5.7	5.3	5.7	6.0	5.3	5.7	5.4
16-TZ-12783	6.7	2.3	5.7	3.3	4.3	5.7	6.3	6.0	5.0	6.3	5.3
DALZ 1713	6.7	2.7	6.3	3.7	5.7	6.3	6.3	5.3	5.0	4.7	5.3
DALZ 1714	6.0	2.0	5.7	2.0	3.7	4.7	5.7	5.7	6.3	7.3	5.0
FZ 1422	6.7	3.3	6.7	3.3	5.0	6.3	5.7	5.7	4.0	4.3	4.9
FZ 1727	6.0	3.3	7.3	3.0	4.0	4.3	5.7	6.0	5.3	5.7	4.9
15-TZ-11715	6.0	4.0	7.3	3.7	4.0	4.7	6.7	6.0	4.3	4.3	4.8
DALZ 1802	7.7	2.3	8.0	2.7	3.7	4.7	5.7	5.7	5.3	6.0	4.8
EMPIRE	6.0	3.3	5.3	4.0	5.0	6.0	5.0	5.0	4.3	4.0	4.8
DALZ 1701	7.0	2.7	6.0	2.7	3.7	4.3	6.0	6.0	4.7	5.7	4.7
DALZ 1808	7.3	3.0	7.0	3.0	3.0	3.3	5.0	6.0	5.7	6.0	4.6
DALZ 1408	5.3	2.3	7.7	2.7	4.0	5.7	5.7	4.3	4.3	5.0	4.5
DALZ 1409	6.0	3.7	7.0	3.7	4.0	6.0	4.7	5.3	4.3	3.7	4.5
DALZ 1603	6.5	3.0	5.0	2.0	2.5	3.0	5.5	5.5	5.0	7.0	4.4
DALZ 1614	6.0	3.0	7.3	3.3	3.7	4.7	5.0	4.7	4.3	4.7	4.3
DALZ 1707	7.0	3.0	7.3	2.7	2.3	3.0	5.7	6.0	5.0	5.3	4.3
DALZ 1613	5.7	2.3	7.0	1.7	2.7	2.7	6.0	5.3	5.0	5.7	4.1
FAES 1335	6.0	2.3	7.0	3.7	3.7	5.7	5.0	4.3	3.3	3.3	4.1
FZ 1436	5.3	2.0	7.7	2.3	3.7	5.3	5.0	4.7	4.0	4.0	4.1
EMERALD	7.3	3.3	8.0	4.3	5.0	5.0	4.3	3.7	3.3	2.3	4.0
ZEON	6.7	3.0	7.3	3.0	3.7	4.0	4.3	4.3	4.0	4.7	4.0
16-TZ-13463	6.3	1.7	7.3	2.0	2.7	3.3	5.3	5.3	4.0	4.3	3.9
FZ 1722	7.7	2.0	7.3	2.0	1.7	2.3	4.3	6.0	5.0	5.3	3.8
FZ 1367	6.0	2.0	8.0	2.3	2.7	4.3	4.7	4.3	3.3	4.0	3.7
FZ 1327	7.0	2.5	5.0	3.0	3.5	4.5	4.5	4.0	3.0	2.5	3.6
FZ 1440	6.0	1.7	7.7	2.3	2.3	2.7	4.7	4.0	4.0	4.3	3.5
DALZ 1601	5.0	1.7	5.3	2.0	2.0	2.3	4.3	4.7	4.0	4.3	3.4
FZ 1368	7.5	2.3	7.0	2.3	3.7	4.0	5.0	4.0	4.0	4.5	3.3
FZ 1723	6.5	2.5	6.5	2.5	3.0	4.0	4.0	4.0	3.0	2.5	3.3
FZ 1410	6.7	1.7	4.7	1.7	2.0	1.7	4.3	4.3	4.0	4.3	3.2
DALZ 1806	8.0	2.0	7.7	1.7	2.0	2.0	4.0	3.3	4.0	4.0	3.0
FZ 1721	6.7	2.0	7.0	1.7	2.0	2.7	3.3	4.3	3.7	3.7	3.0
DALZ 1807	7.7	3.3	7.7	2.0	2.3	2.3	3.3	3.0	3.3	3.3	2.8
MEYER	6.3	2.0	5.3	1.7	2.0	2.3	3.7	3.7	3.0	3.3	2.8
FZ 1407	6.3	1.7	5.0	1.3	1.3	1.7	3.3	2.7	2.7	3.3	2.3
FZ 1728	8.0	1.5	8.0	1.0	1.0	1.0	3.0	4.0	5.0	7.0	2.1
FZ 1732	5.7	1.7	7.0	1.0	1.0	1.3	2.3	2.7	2.3	2.3	1.9
LSD VALUE	1.0	2.7	0.9	2.9	4.2	5.4	5.0	2.7	3.6	4.6	3.0
C.V. (%)	8.9	38.8	8.4	45.2	51.0	52.9	32.7	25.1	30.0	36.4	31.0

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 14.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2019 NATIONAL ZOYSIAGRASS TEST GROWN UNDER SHADE AT COLLEGE STATION, TX 1/
2023 DATA

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

NAME	PERCENT GROUND COVER RATINGS FROM APRIL-OCTOBER						
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
FAES 1319	63.3	86.7	93.3	91.7	88.3	73.3	71.7
DALZ 1311	66.7	86.7	90.0	86.7	95.0	78.3	81.7
UGA GZ 17-4	61.7	83.3	51.3	81.7	95.0	85.0	88.3
16-TZ-12783	46.7	58.3	61.7	91.7	91.7	85.0	86.7
DALZ 1713	50.0	85.0	88.3	91.7	90.0	75.0	60.0
DALZ 1714	28.3	53.3	58.3	71.7	83.3	91.7	93.3
FZ 1422	46.7	73.3	88.3	91.7	93.3	65.0	58.3
FZ 1727	46.7	60.0	60.0	88.3	93.3	85.0	85.0
15-TZ-11715	48.3	56.7	75.0	91.7	95.0	78.3	71.7
DALZ 1802	23.3	40.0	60.0	71.7	88.3	88.3	86.7
EMPIRE	46.7	73.3	75.0	81.7	90.0	65.0	65.0
DALZ 1701	20.0	48.3	58.3	75.0	81.7	76.7	80.0
DALZ 1808	35.0	35.0	51.7	75.0	85.0	85.0	85.0
DALZ 1408	18.3	51.7	61.7	81.7	95.0	65.0	85.0
DALZ 1409	33.3	58.3	76.7	68.3	95.0	58.3	60.0
DALZ 1603	17.5	40.0	50.0	75.0	92.5	82.5	90.0
DALZ 1614	38.3	53.3	55.0	71.7	73.3	68.3	68.3
DALZ 1707	36.7	30.0	38.3	75.0	85.0	73.3	81.7
DALZ 1613	16.7	25.0	43.3	73.3	80.0	78.3	75.0
FAES 1335	51.7	60.0	61.7	68.3	71.7	48.3	50.0
FZ 1436	15.0	48.3	63.3	75.0	78.3	56.7	61.7
EMERALD	58.3	66.7	55.0	63.3	71.7	25.0	31.7
ZEON	38.3	55.0	55.0	61.7	71.7	53.3	75.0
16-TZ-13463	15.0	25.0	40.0	78.3	86.7	53.3	58.3
FZ 1722	16.7	25.0	25.0	68.3	81.7	70.0	68.3
FZ 1367	11.7	30.0	41.7	63.3	70.0	48.3	71.7
FZ 1327	42.5	40.0	50.0	70.0	72.5	37.5	35.0
FZ 1440	8.3	23.3	33.3	60.0	63.3	56.7	76.7
DALZ 1601	16.7	40.0	47.5	55.0	58.3	60.0	61.7
FZ 1368	18.3	48.3	48.3	70.0	75.0	60.0	80.0
FZ 1723	15.0	47.5	47.5	55.0	67.5	32.5	20.0
FZ 1410	13.3	13.3	25.0	55.0	65.0	60.0	68.3
DALZ 1806	18.3	30.0	28.3	53.3	63.3	75.0	73.3
FZ 1721	15.0	16.7	30.0	46.7	61.7	63.3	63.3
DALZ 1807	13.3	25.0	20.0	33.3	53.3	50.0	53.3
MEYER	10.0	16.7	38.3	55.0	56.7	50.0	53.3
FZ 1407	11.7	13.3	13.3	28.3	30.0	26.7	38.3
FZ 1728	5.0	5.0	15.0	45.0	50.0	75.0	85.0
FZ 1732	5.0	8.3	8.3	30.0	33.3	28.3	35.0
LSD VALUE	49.2	64.9	72.6	60.5	54.0	66.7	74.7
C.V. (%)	74.8	61.7	55.4	33.5	28.6	38.3	37.2

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.