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2007 NATIONAL ZOYSIAGRASS TEST  
LOCATIONS SUBMITTING DATA FOR 2009

<u>State</u>	<u>Location</u>	<u>Code</u>
California	Riverside	CA3
Florida	Gainesville	FL1
Indiana	West Lafayette	IN1
Kansas	Manhattan	KS1
New Mexico	Las Cruces (Salt Tolerance)	NM1
North Carolina	Raleigh	NC1
Texas	Dallas	TX1

## 2007 NATIONAL ZOYSIAGRASS TEST

### Entries and Sponsors

Entry No.	Name	Type	Sponsor
* 1	Zenith	seeded	Standard entry
* 2	Meyer	vegetative	Standard entry
* 3	Zorro	vegetative	Standard entry
4	DALZ 0501	vegetative	Texas A&M Dallas & Phillip Jennings Turf
5	DALZ 0701	vegetative	Texas A&M Dallas
6	DALZ 0702	vegetative	Texas A&M Dallas
* 7	Shadowturf	vegetative	Ivey Gardens
8	L1F	vegetative	Bladerunner Farms
9	29-2	vegetative	Bladerunner Farms
10	240	vegetative	Bladerunner Farms
11	380-1	vegetative	Bladerunner Farms

\* COMMERCIALY AVAILABLE IN THE USA IN 2010.

TABLE A. 2009 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN THE 2002 NATIONAL ZOYSIAGRASS TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
CA3	SANDY LOAM	7.1-7.5	-	-	-	FULL SUN	1.6-2.0	TO PREVENT STRESS
FL1	SAND	6.6-7.0	-	-	0.0-1.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
IN1	SANDY CLAY LOAM	7.1-7.5	61-150	241-375	2.1-3.0	FULL SUN	0.6-1.0	-
KS1	-	-	-	-	-	-	-	-
NC1	SILTY CLAY AND CLAY	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NM1	LOAMY SAND	7.6-8.5	-	-	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	151-270	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY

TABLE B. LOCATIONS AND DATA COLLECTED IN 2009

LOCATION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING	QUALITY RATING			
CA3			X	X	X	X	X	X	X	X	X		X	X	X
FL1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IN1					X	X	X	X	X	X			X	X	X
KS1					X	X	X	X					X	X	X
NC1				X	X	X	X	X	X	X	X		X	X	X
NM1							X	X	X	X			X	X	
TX1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

TABLE B. (CONT'D) LOCATIONS AND DATA COLLECTED IN 2009

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	PERCENT WINTER COLOR	PERCENT WINTER KILL	BROWN PATCH COOL TEMP.	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	SEEDHEAD RATINGS	MOLE CRICKET	PERCENT BILLBUG	DOLLAR JULY	SPOT OCT
	CA3							X						X				
FL1	X	X	X	X	X		X		X	X	X	X	X		X			
IN1								X										
KS1				X							X							
NC1		X					X							X			X	X
NM1				X	X	X				X	X	X						
TX1	X	X	X									X	X					

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
AT RIVERSIDE, CA 1/  
2009 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/										
NAME	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
* ZORRO	7.0	6.7	7.3	6.7	7.3	8.3	7.7	8.0	7.0	7.3
DALZ 0701	6.3	6.0	6.0	6.0	6.7	7.0	6.7	8.3	6.7	6.6
DALZ 0501	6.7	6.3	6.3	6.0	6.3	5.7	5.3	7.7	5.7	6.2
DALZ 0702	6.3	6.7	6.7	5.7	6.0	6.0	6.0	8.0	4.7	6.2
L1F	6.3	6.3	6.7	5.7	6.0	6.3	5.0	8.0	5.3	6.2
* SHADOWTURF	6.3	6.7	6.3	5.7	6.7	5.7	3.7	7.7	3.0	5.7
29-2	5.3	7.0	5.0	5.0	5.7	6.0	4.7	5.3	4.7	5.4
* ZENITH	5.0	6.7	4.3	4.0	5.3	6.0	4.3	5.0	4.0	5.0
380-1	4.7	5.7	5.0	3.0	3.3	4.7	3.7	6.0	3.7	4.4
240	3.0	5.7	3.3	3.0	3.7	5.0	4.0	4.0	2.7	3.8
* MEYER	4.3	5.3	4.3	2.3	2.7	4.3	3.3	4.7	2.3	3.7
LSD VALUE	1.4	1.0	1.2	1.3	1.2	1.9	1.3	0.8	1.3	0.9
C.V. (%)	14.9	8.5	13.4	16.5	14.0	17.1	15.6	7.6	18.2	10.0

TABLE 2. MEAN TURFGRASS QUALITY AND RATINGS OF ZOYSIAGRASS CULTIVARS  
GAINESVILLE, FL 1/  
2009 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/													
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
DALZ 0701	6.0	4.3	4.0	5.0	4.0	5.3	5.0	5.0	5.7	7.3	8.3	5.3	5.4
L1F	6.3	4.3	4.3	4.7	4.0	4.7	5.3	5.7	5.3	7.0	7.3	5.7	5.4
SHADOWTURF	6.3	4.0	4.3	5.0	4.0	5.0	5.0	5.3	5.7	6.3	6.7	5.7	5.3
DALZ 0702	5.3	3.7	3.3	4.3	4.0	5.3	4.7	6.0	3.7	6.7	7.0	6.3	5.0
DALZ 0501	5.7	3.7	3.0	4.3	2.7	4.3	4.3	3.3	5.3	6.3	7.0	7.3	4.8
ZORRO	4.3	3.0	3.0	4.0	2.3	3.3	4.0	4.7	5.0	5.0	5.7	5.0	4.1
ZENITH	3.3	2.0	2.3	2.7	3.0	5.0	5.7	5.3	4.7	4.0	3.0	2.3	3.6
240	2.7	1.0	1.3	2.3	2.7	3.7	4.7	4.0	4.3	3.0	3.3	3.3	3.0
29-2	4.0	2.0	2.0	2.0	2.7	3.7	2.7	3.3	2.7	3.3	3.0	2.3	2.8
380-1	2.7	1.3	2.3	3.0	2.3	4.0	2.3	4.0	3.0	2.0	1.0	1.3	2.4
MEYER	3.0	1.0	1.0	1.3	2.0	3.3	3.0	2.3	2.3	2.3	2.3	1.7	2.1
LSD VALUE	1.1	0.7	1.2	1.9	1.7	2.6	1.8	3.2	1.7	1.6	1.6	1.4	0.9
C.V. (%)	15.2	16.9	26.2	30.2	27.0	25.5	22.7	32.2	22.2	20.0	20.3	20.4	14.6

\* COMMERCIALY AVAILABLE IN THE USA IN 2010.

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 ZOYSIAGRASS CULTIVARS AT WEST LAFAYETTE, IN 1/ 2009 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
29-2	6.0	7.7	6.0	7.0	7.7	6.3	6.8
MEYER	6.7	7.3	7.3	7.0	6.7	5.7	6.8
ZENITH	6.7	7.7	5.7	6.7	7.3	6.7	6.8
240	5.3	6.3	6.0	5.7	6.7	5.7	5.9
ZORRO	2.0	2.0	3.0	3.0	4.0	2.7	2.8
380-1	2.3	2.0	2.7	3.0	2.7	2.7	2.6
DALZ 0701	1.0	2.0	2.0	2.0	3.0	2.0	2.0
DALZ 0501	.	.	.	.	.	.	.
DALZ 0702	.	.	.	.	.	.	.
L1F	.	.	.	.	.	.	.
SHADOWTURF	.	.	.	.	.	.	.
LSD VALUE	2.0	1.9	1.7	1.9	1.5	1.8	1.1
C.V. (%)	19.9	18.2	17.2	17.8	13.6	18.5	11.6

TABLE 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS IN THE 2007 NATIONAL ZOYSIAGRASS TEST AT MANHATTAN, KS 1/ 2009 DATA

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

NAME	MAY	JUN	JUL	AUG	MEAN
380-1	4.3	7.0	8.7	8.7	7.2
DALZ 0701	2.7	8.0	8.0	8.3	6.8
ZORRO	4.0	6.7	8.0	8.3	6.8
MEYER	5.3	6.7	7.0	7.0	6.5
29-2	5.7	6.3	6.7	7.0	6.4
240	4.7	7.0	7.0	6.7	6.3
DALZ 0702	1.7	6.7	7.7	8.0	6.0
ZENITH	6.3	5.3	6.0	6.3	6.0
DALZ 0501	2.3	5.7	7.3	8.0	5.8
SHADOWTURF	1.0	4.0	5.3	7.0	4.3
L1F	1.0	1.0	1.0	1.0	1.0
LSD VALUE	1.5	1.2	1.2	1.1	0.7
C.V. (%)	26.4	12.6	11.2	10.5	8.2

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 5. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
AT RALEIGH, NC 1/  
2009 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/								
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
380-1	7.3	8.0	8.3	8.3	8.7	8.0	7.3	7.7	8.0
ZORRO	6.7	7.3	6.7	6.7	7.7	7.3	6.7	7.7	7.1
MEYER	6.3	6.3	7.0	7.7	7.7	7.0	6.7	7.0	7.0
DALZ 0702	6.3	7.0	6.0	6.0	6.7	6.7	7.0	7.7	6.7
DALZ 0501	4.3	4.7	7.0	7.0	7.0	8.0	7.7	7.3	6.6
29-2	5.3	5.7	6.7	6.3	7.0	7.0	5.7	6.0	6.2
240	4.7	5.3	7.0	6.3	7.0	7.0	5.7	5.3	6.0
DALZ 0701	5.3	6.0	4.7	5.0	6.7	6.7	6.0	7.0	5.9
ZENITH	5.0	5.7	6.7	6.0	5.7	5.7	6.0	5.7	5.8
SHADOWTURF L1F	4.7	4.7	5.7	6.0	6.0	6.7	6.0	5.7	5.7
LSD VALUE	1.3	1.2	1.3	1.3	1.3	1.0	1.7	1.3	0.8
C.V. (%)	14.1	12.4	11.4	11.0	10.2	7.9	12.9	11.2	7.8

TABLE 6. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS  
IN THE 2007 NATIONAL ZOYSIAGRASS TEST AT DALLAS, TX 1/  
2009 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
ZORRO	6.0	5.0	6.3	5.7	7.0	7.0	7.7	8.0	7.0	8.0	7.3	7.3	6.9
DALZ 0702	6.0	5.0	5.7	6.0	7.0	6.7	8.0	7.3	7.0	7.7	6.7	7.0	6.7
DALZ 0701	6.0	5.0	6.3	6.0	7.0	7.0	7.0	6.7	7.0	7.3	7.3	7.0	6.6
DALZ 0501	6.0	5.0	6.7	5.0	6.7	6.0	7.0	7.0	6.7	7.0	7.7	7.0	6.5
L1F	5.7	4.7	6.3	5.0	6.3	6.0	7.0	7.0	7.0	7.3	8.0	7.0	6.4
380-1	4.3	3.3	6.0	7.0	7.0	7.3	7.3	7.3	6.3	7.7	6.7	5.3	6.3
SHADOWTURF	5.0	4.3	5.3	5.3	6.3	6.3	7.0	7.3	6.7	7.3	7.7	7.0	6.3
240	4.3	3.3	5.3	5.7	5.7	5.3	6.0	6.0	5.0	5.7	5.7	5.0	5.3
29-2	3.7	2.3	5.0	4.7	4.7	5.0	6.0	6.0	5.3	6.0	5.7	4.3	4.9
MEYER	4.0	2.3	5.3	5.0	4.7	4.3	5.7	5.3	4.7	5.3	5.0	4.3	4.7
ZENITH	4.0	2.3	5.0	5.0	4.3	4.0	5.7	5.7	5.0	5.7	5.7	4.0	4.7
LSD VALUE	0.9	1.1	1.4	3.1	1.9	2.1	1.8	1.3	1.2	1.0	0.9	1.0	0.9
C.V. (%)	10.9	17.1	11.8	21.5	16.3	18.2	12.8	10.6	11.3	8.8	8.4	10.6	9.1

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

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

TABLE 7. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
GROWN UNDER SALT STRESS AT LAS CRUCES, NM \*/  
2009 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	PERCENT	PERCENT	PERCENT	FALL	FALL	FALL	QUALITY RATINGS				MEAN
			COVER SPRING	COVER SUMMER	COVER FALL	COLOR SEPTEMBER	COLOR OCTOBER	COLOR NOVEMBER	JUL	AUG	SEP	OCT	
SHADOWTURF	8.3	3.3	80.3	99.0	99.0	7.7	5.7	1.7	7.7	8.3	8.0	7.7	7.9
L1F	8.3	3.0	78.7	98.7	99.0	8.0	7.0	2.3	7.0	8.0	8.0	7.3	7.6
DALZ 0701	7.7	3.3	79.0	84.7	92.7	7.0	6.0	3.0	6.3	7.0	6.7	6.3	6.6
DALZ 0501	6.3	2.0	51.3	63.3	91.3	7.0	6.7	2.7	5.3	6.3	6.7	6.0	6.1
380-1	7.7	3.7	66.0	86.3	80.0	7.3	5.7	2.0	5.3	6.7	5.7	5.7	5.8
DALZ 0702	6.7	2.7	60.0	88.0	96.0	7.0	6.0	2.0	6.0	6.0	5.3	5.7	5.8
ZORRO	5.0	1.3	19.3	25.7	46.3	4.7	4.3	2.0	4.3	5.0	4.7	5.0	4.8
240	5.7	2.0	29.7	30.0	21.7	3.7	3.3	1.3	4.3	4.3	4.0	3.7	4.1
29-2	4.7	2.3	28.0	23.0	22.0	3.7	3.3	2.0	3.7	4.0	3.7	3.3	3.7
ZENITH	4.3	1.3	18.0	19.7	21.3	3.3	2.7	1.7	3.3	3.3	3.3	3.0	3.3
MEYER	4.7	1.7	7.0	14.3	15.0	2.7	2.3	1.3	2.0	2.3	2.3	3.0	2.4
LSD VALUE	0.7	0.8	27.2	19.9	22.2	1.3	1.3	0.8	1.5	1.3	1.2	1.3	1.1
C.V. (%)	7.1	19.3	35.1	22.1	22.7	14.6	17.2	21.8	18.6	15.2	14.5	15.6	12.8

\*/ THE FOLLOWING IS INFORMATION ON SALINITY AT THIS SITE:

WATER QUALITY: PH 7.9, TOTAL DISSOLVED SOLIDS 1800, SAR 2.06

SOIL QUALITY (MEASURED IN JUNE, NOV.; 0-4 INCH DEPTH): PH 7.8, 7.8; EC (dS/m) 2.1, 5.2; SAR 2.1, 8.5

SOIL QUALITY (MEASURED IN JUNE, NOV.; 4-8 INCH DEPTH): PH 8.4, 8.0; EC (dS/m) 1.6, 2.4; SAR 2.2, 4.1

TABLE 8. GENETIC COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA  
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	CA3	FL1	IN1	KS1	NC1	TX1	MEAN
380-1	5.3	7.7	8.7	8.0	8.0	9.0	7.8
29-2	7.3	7.0	8.0	6.7	6.7	8.0	7.3
240	7.3	7.0	8.0	7.7	7.0	6.3	7.2
MEYER	5.3	6.7	7.3	7.0	6.3	7.3	6.7
ZORRO	6.7	6.3	7.7	7.0	4.0	7.7	6.6
ZENITH	7.3	6.3	7.0	7.0	5.7	5.7	6.5
DALZ 0501	5.7	6.7	.	7.3	6.0	6.7	6.5
SHADOWTURF	5.0	7.7	.	7.0	5.0	7.3	6.4
DALZ 0702	5.7	6.7	.	7.0	5.0	7.3	6.3
DALZ 0701	4.7	7.3	6.0	7.3	4.0	8.0	6.2
L1F	5.0	7.0	.	.	4.3	7.7	6.0
LSD VALUE	1.7	1.0	1.1	0.6	1.0	1.7	0.5
C.V. (%)	17.6	9.4	7.7	5.1	11.1	14.0	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 9. SPRING GREENUP RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	CA3	FL1	IN1	KS1	NC1	TX1	MEAN
DALZ 0701	5.3	6.3	1.0	.	5.0	5.7	4.7
DALZ 0702	5.0	5.7	1.0	.	5.0	5.3	4.4
L1F	6.0	6.0	1.0	.	3.3	5.7	4.4
29-2	1.3	4.7	4.0	5.3	5.3	5.0	4.3
SHADOWTURF	5.7	6.3	1.0	.	2.7	5.0	4.1
ZENITH	1.3	3.0	4.0	5.0	5.7	5.7	4.1
380-1	2.7	3.3	1.3	2.0	6.7	8.0	4.0
DALZ 0501	5.7	4.7	1.0	.	2.3	6.3	4.0
MEYER	2.3	2.0	3.3	2.0	6.0	5.7	3.6
ZORRO	4.0	3.7	1.0	1.0	4.3	7.0	3.5
240	1.0	1.7	2.7	2.3	6.0	6.3	3.3
LSD VALUE	0.7	1.3	0.5	0.8	1.1	1.7	0.5
C.V. (%)	12.6	18.1	15.5	17.9	14.6	17.7	17.3

TABLE 10. LEAF TEXTURE RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	CA3	FL1	IN1	KS1	NC1	TX1	MEAN
DALZ 0501	8.3	8.0	.	9.0	8.3	7.3	8.2
SHADOWTURF	9.0	8.0	.	9.0	8.7	6.3	8.2
L1F	8.7	8.0	.	.	8.7	7.3	8.2
ZORRO	8.3	8.0	9.0	9.0	8.0	6.7	8.2
DALZ 0702	8.7	8.0	.	9.0	8.0	7.0	8.1
380-1	7.0	8.0	8.3	9.0	7.7	6.3	7.7
DALZ 0701	8.0	8.3	5.0	9.0	8.0	7.0	7.6
MEYER	5.3	6.0	7.0	6.7	7.0	5.7	6.3
29-2	5.3	6.0	7.0	7.0	5.7	5.3	6.1
240	4.3	6.0	6.0	7.0	5.7	5.7	5.8
ZENITH	4.0	5.7	5.3	5.3	5.0	5.0	5.1
LSD VALUE	0.9	0.6	0.6	0.4	0.7	1.0	0.3
C.V. (%)	7.9	5.4	4.9	3.2	5.8	10.3	6.5

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 11. SPRING DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	FL1	TX1	MEAN
DALZ 0701	6.0	6.7	6.3
SHADOWTURF	6.7	5.7	6.2
DALZ 0702	4.7	7.0	5.8
L1F	5.7	5.7	5.7
DALZ 0501	4.7	6.3	5.5
ZORRO	4.0	6.7	5.3
380-1	2.3	8.0	5.2
ZENITH	2.3	6.0	4.2
240	1.7	6.0	3.8
29-2	1.7	6.0	3.8
MEYER	2.0	5.7	3.8
LSD VALUE	2.2	2.1	1.5
C.V. (%)	36.2	20.2	26.2

TABLE 12. SUMMER DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	FL1	NC1	TX1	MEAN
DALZ 0702	5.0	6.3	9.0	6.8
DALZ 0501	4.0	6.7	9.0	6.6
L1F	5.0	5.7	9.0	6.6
ZORRO	4.0	6.7	9.0	6.6
SHADOWTURF	5.0	5.7	8.7	6.4
DALZ 0701	4.7	5.7	8.7	6.3
ZENITH	6.0	6.3	6.7	6.3
380-1	2.3	7.3	8.3	6.0
240	4.3	5.7	6.7	5.6
29-2	3.0	5.7	7.0	5.2
MEYER	3.0	6.7	6.0	5.2
LSD VALUE	2.0	1.8	1.5	1.0
C.V. (%)	29.5	17.9	11.7	18.0

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 13. FALL DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	FL1	TX1	MEAN
DALZ 0701	8.3	9.0	8.7
DALZ 0501	7.3	9.0	8.2
L1F	7.3	9.0	8.2
DALZ 0702	7.0	9.0	8.0
SHADOWTURF	7.0	9.0	8.0
ZORRO	7.0	9.0	8.0
29-2	4.3	9.0	6.7
ZENITH	4.3	8.3	6.3
240	3.3	7.7	5.5
MEYER	3.7	7.3	5.5
380-1	1.3	9.0	5.2
LSD VALUE	1.8	1.1	1.0
C.V. (%)	20.1	7.8	13.0

TATLE 14. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	FL1	KS1	MEAN
29-2	50.0	88.3	69.2
ZENITH	38.3	90.0	64.2
MEYER	25.0	86.7	55.8
380-1	38.3	65.0	51.7
240	15.0	88.3	51.7
DALZ 0701	73.3	26.7	50.0
ZORRO	48.3	38.3	43.3
DALZ 0702	66.7	18.3	42.5
DALZ 0501	65.0	18.3	41.7
SHADOWTURF	75.0	3.0	39.0
L1F	73.3	0.0	36.7
LSD VALUE	13.7	19.6	12.0
C.V. (%)	16.5	25.7	21.2

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 15. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	FL1
ZENITH	98.0
L1F	93.3
SHADOWTURF	93.3
240	90.3
DALZ 0701	90.0
DALZ 0702	90.0
MEYER	90.0
29-2	88.3
DALZ 0501	88.3
ZORRO	86.7
380-1	76.7
LSD VALUE	10.0
C.V. (%)	7.0

TABLE 16. WINTER COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	NC1	MEAN
DALZ 0501	6.3	7.0	4.7	6.0
DALZ 0702	5.0	6.7	4.7	5.4
L1F	4.7	7.0	4.3	5.3
SHADOWTURF	4.7	7.0	4.3	5.3
DALZ 0701	6.0	5.3	4.0	5.1
ZORRO	3.7	4.3	6.0	4.7
29-2	1.7	3.3	7.7	4.2
ZENITH	1.3	2.7	8.3	4.1
MEYER	1.0	2.7	8.7	4.1
240	1.0	3.0	7.7	3.9
380-1	1.7	1.0	7.0	3.2
LSD VALUE	1.8	1.6	1.3	0.9
C.V. (%)	32.7	22.0	13.6	21.1

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 17. PERCENT WINTER KILL RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	IN1
DALZ 0501	99.0
DALZ 0702	99.0
L1F	99.0
SHADOWTURF	99.0
DALZ 0701	97.3
380-1	83.0
ZORRO	80.7
240	22.3
29-2	4.0
ZENITH	2.7
MEYER	1.7
LSD VALUE	13.0
C.V. (%)	12.9

TABLE 18. BROWN PATCH (WARM TEMPERATURE) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	FL1
DALZ 0501	7.7
L1F	7.7
DALZ 0702	7.3
SHADOWTURF	7.3
ZORRO	6.7
DALZ 0701	6.3
240	3.7
29-2	3.3
380-1	3.3
MEYER	3.0
ZENITH	3.0
LSD VALUE	1.8
C.V. (%)	20.9

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. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	FL1
DALZ 0701	6.3
29-2	6.0
SHADOWTURF	5.7
240	5.3
DALZ 0501	5.0
L1F	5.0
DALZ 0702	4.7
380-1	4.3
MEYER	4.3
ZENITH	4.3
ZORRO	4.3
LSD VALUE	2.7
C.V. (%)	33.7

TABLE 20. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	FL1	KS1	MEAN
DALZ 0701	7.7	7.0	7.3
L1F	7.3	.	7.3
DALZ 0702	7.3	7.0	7.2
29-2	7.0	6.7	6.8
SHADOWTURF	7.0	6.7	6.8
DALZ 0501	6.3	6.7	6.5
ZORRO	4.7	6.7	5.7
ZENITH	4.3	5.0	4.7
240	4.0	5.0	4.5
380-1	3.7	5.3	4.5
MEYER	2.3	6.3	4.3
LSD VALUE	2.6	1.0	1.5
C.V. (%)	28.8	10.1	21.1

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 21. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	FL1	NC1	TX1	MEAN
DALZ 0702	7.7	7.7	7.0	7.4
DALZ 0701	7.0	7.7	7.0	7.2
380-1	8.0	6.3	6.3	6.9
L1F	7.3	6.0	7.3	6.9
DALZ 0501	5.0	7.3	7.3	6.6
SHADOWTURF	7.0	5.7	6.3	6.3
ZORRO	5.3	5.3	6.7	5.8
29-2	7.7	4.0	5.3	5.7
240	6.0	3.3	5.7	5.0
MEYER	5.0	3.3	5.7	4.7
ZENITH	4.7	2.3	5.0	4.0
LSD VALUE	1.5	1.0	1.0	0.7
C.V. (%)	14.6	11.2	10.3	12.3

TABLE 22. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	TX1	MEAN
DALZ 0501	5.0	8.3	7.3	6.9
L1F	4.7	7.3	7.3	6.4
DALZ 0702	4.7	7.0	7.0	6.2
DALZ 0701	5.0	5.7	7.0	5.9
SHADOWTURF	4.0	6.7	6.3	5.7
ZORRO	3.7	5.3	6.7	5.2
240	2.0	3.3	5.7	3.7
29-2	2.0	3.3	5.3	3.6
380-1	2.3	2.0	6.3	3.6
MEYER	2.0	2.3	5.7	3.3
ZENITH	2.0	3.0	5.0	3.3
LSD VALUE	0.7	1.5	1.0	0.7
C.V. (%)	13.6	19.0	10.3	14.5

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 23. SEEDHEAD RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	NC1
380-1	9.0
DALZ 0501	9.0
DALZ 0701	9.0
DALZ 0702	9.0
L1F	9.0
SHADOWTURF	9.0
ZORRO	9.0
ZENITH	6.7
MEYER	6.0
29-2	4.3
240	3.7
LSD VALUE	0.5
C.V. (%)	4.0

TABLE 24. MOLE CRICKET RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2009 DATA

MOLE CRICKET RATINGS 1-9; 9=NO DAMAGE 2/

NAME	FL1
380-1	8.0
MEYER	8.0
240	7.7
ZENITH	7.7
L1F	7.3
29-2	7.0
SHADOWTURF	7.0
DALZ 0501	6.7
ZORRO	6.3
DALZ 0702	6.0
DALZ 0701	5.7
LSD VALUE	1.4
C.V. (%)	12.1

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 25. DOLLAR SPOT RATINGS OF ZOYSIAGRASS CULTIVARS  
AT RALEIGH, NC 1/  
2009 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	OCTOBER	MEAN
MEYER	9.0	8.0	8.5
240	9.0	7.3	8.2
29-2	9.0	7.3	8.2
ZENITH	9.0	7.3	8.2
380-1	8.7	7.0	7.8
DALZ 0501	6.3	7.3	6.8
SHADOWTURF	6.0	7.3	6.7
ZORRO	5.7	7.0	6.3
L1F	5.0	7.0	6.0
DALZ 0702	4.0	5.0	4.5
DALZ 0701	3.7	4.7	4.2
LSD VALUS	1.3	1.6	0.8
C.V. (%)	12.2	13.1	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.