

## **NATIONAL TURFGRASS EVALUATION PROGRAM**

The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the American Sod Producers Association, one member from the United States Golf Association (USGA) Green Section, one member from the Turfgrass Breeders Association, an executive director and a national program coordinator. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

The policy committee is responsible for determining program policy including, (1) requirements for submission of entries, (2) scheduling tests, (3) evaluation methods, (4) selecting standard or control test entries, (5) setting entry fees, (6) coordinating tests in their respective regions, (7) establishing guidelines for publication and data distribution and (8) scheduling committee meetings.

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# 1996 NATIONAL ZOYSIAGRASS TEST

## LOCATIONS SUBMITTING DATA FOR 1998

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
California	Riverside	CA3
Florida	Gainesville	FL1
Florida	Jay	FL3
Georgia	Griffin	GA1
Illinois	Carbondale	IL2
Indiana	West Lafayette	IN1
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Louisiana	Baton Rouge	LA1
Missouri	Columbia	MO1
Mississippi	Mississippi State	MS1
South Carolina	Florence	SC1
Texas	Dallas	TX1
Texas	Lubbock	TX3
Virginia	Virginia Beach	VA4



# 1996 National Zoysiagrass Test

## Entries and Sponsors

Entry No.	Name	Type	Sponsor
1	ZEN-500	Seeded	Finelawn Research, Inc./ Turf Merchants, Inc.
2	ZEN-400	Seeded	Finelawn Research, Inc./ Turf Merchants, Inc.
3	Zenith	Seeded	Patten Seed Company
4	J-36	Seeded	Jacklin Seed Company
5	J-37	Seeded	Jacklin Seed Company
6	Chinese Common	Seeded	Standard entry
7	Z-18	Seeded	International Seeds, Inc.
8	Korean Common	Seeded	Standard entry
9	DALZ 9601	Vegetative	Texas A&M University
10	J-14	Vegetative	Jacklin Seed Company
11	Miyako	Vegetative	Japan Turfgrass, Inc.
12	HT-210	Vegetative	Horizon Turfgrass
13	DeAnza	Vegetative	Thomas Bros. Grass Co.
14	Victoria	Vegetative	Thomas Bros. Grass Co.
15	El Toro	Vegetative	Standard entry
16	JaMur	Vegetative	Bladerunner Farms
17	Zeon	Vegetative	Bladerunner Farms
18	Meyer	Vegetative	Standard entry
19	Emerald	Vegetative	Standard entry

TABLE A.

1998 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 1996 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
AR1	SILT LOAM AND SILT	6.1-6.5	151-270	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
CA3	SANDY LOAM	6.6-7.0	0-60	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
FL1	LOAMY SAND	7.1-7.5	271-450	151-240	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
FL3	SANDY LOAM	6.1-6.5	151-270	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
GA1	-	-	-	-	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
IL2	SILTY CLAY LOAM	6.1-6.5	271-450	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	501+	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	0.6-1.0	ONLY DURING SEVERE STRESS
LA1	SILT LOAM AND SILT	-	151-270	241-375	5.1-6.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
MO1	SILT LOAM AND SILT	6.1-6.5	151-270	151-240	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
MS1	SANDY CLAY LOAM	6.6-7.0	151-270	151-240	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
SC1	SANDY LOAM	5.6-6.0	61-150	0-150	2.1-3.0	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	2.1-2.5	TO PREVENT STRESS
TX3	-	-	-	-	-	-	-	-
VA4	-	6.1-6.5	61-150	0-150	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 1998

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1					X	X	X	X	X	X			X	X	X
CA3	X	X	X	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
FL3			X	X	X	X	X	X	X	X			X	X	X
GA1					X	X	X	X	X	X			X	X	X
IL2					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	X
KY1				X	X	X	X	X	X	X			X	X	X
LA1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
MO1					X	X	X	X	X	X			X	X	X
MS1				X	X	X	X	X	X	X	X		X	X	X
SC1				X	X	X	X	X	X	X	X		X	X	X
TX1	X	X	X		X	X	X	X	X	X	X	X	X	X	X
TX3				X	X	X	X	X	X	X	X				
VA4				X		X	X	X	X		X		X	X	X

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 1998

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	DOLLAR SPOT
AR1		X	X	X	X						
CA3	X	X						X			
FL1	X	X	X	X	X	X		X			
FL3								X			X
GA1		X								X	
IL2					X						
IN1				X				X			
KS1											
KY1											
LA1	X	X	X					X			
MO1		X		X	X		X	X	X		
MS1											
SC1	X		X	X	X	X					
TX1		X	X					X			
TX3			X			X					
VA4				X				X			

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 1998

LOCATION	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	BILLBUG RATING	SEEDHEAD RATING	CHLOROSIS RATING	SCALPING RATING MAY	SCALPING RATING JUNE	SCALPING RATING SEPTEMBER
AR1		X	X							
CA3	X		X	X			X	X	X	X
FL1						X				
FL3										
GA1		X	X	X			X			
IL2										
IN1										
KS1					X					
KY1										
IA1										
MD1										
MS1										
SC1										
TX1										
TX3										
VA4										

TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MO1	MS1	SC1	TX1	TX3	VA4	MEAN
* EMERALD	8.0	6.1	5.6	8.1	7.1	8.7	5.2	7.7	2.5	6.2	5.9	7.4	7.3	6.9	6.4	6.6	6.6
DALZ 9601	8.3	6.8	5.6	7.4	6.9	8.8	3.7	6.9	2.4	6.4	5.7	7.7	7.3	6.4	6.0	7.4	6.5
* EL TORO	6.4	5.6	6.8	8.0	6.3	4.3	5.4	6.3	7.3	6.4	6.1	5.8	7.1	6.5	6.6	6.6	6.4
* ZEON	7.9	6.5	5.7	7.7	7.1	8.9	3.1	6.3	1.8	6.4	4.6	7.6	6.8	6.5	6.2	7.2	6.3
* JAMUR	6.3	5.6	6.1	7.7	6.4	4.3	4.3	6.6	5.8	6.0	5.8	5.8	7.2	6.4	6.8	6.6	6.1
* VICTORIA	6.2	6.9	6.1	7.9	7.3	7.7	1.3	4.0	.	6.4	3.7	6.8	7.2	6.4	6.6	7.3	6.1
* DE ANZA	6.7	6.8	6.3	7.7	7.1	5.9	1.9	4.2	.	6.7	3.3	6.4	7.0	5.9	5.6	6.8	5.9
HT-210	5.8	5.3	5.3	7.3	6.1	8.5	1.0	4.0	.	6.2	1.7	7.2	7.6	6.8	6.8	6.5	5.7
J-14	5.4	4.3	4.3	6.8	5.8	5.7	6.0	5.2	7.1	5.8	5.4	5.2	7.1	5.8	5.8	5.7	5.7
* ZEN-400	5.1	4.9	5.1	6.8	6.1	3.1	5.7	6.1	7.5	5.8	5.6	5.3	7.0	5.5	5.1	5.7	5.6
* J-37	4.8	4.6	4.1	6.4	5.9	3.2	5.7	5.8	7.3	5.9	5.7	5.2	6.9	5.5	6.3	5.8	5.6
* MEYER	6.9	4.6	2.7	5.4	6.7	6.5	5.6	5.4	6.0	5.8	4.9	5.5	6.3	5.2	5.3	6.3	5.6
* ZENITH	4.6	4.8	3.3	5.9	6.6	4.7	4.6	5.3	8.2	5.9	4.3	5.0	6.8	5.5	5.8	5.6	5.4
* J-36	4.8	.	4.3	6.5	5.9	3.5	5.3	5.5	7.1	5.6	4.6	5.0	6.6	5.5	5.7	5.4	5.4
MIYAKO	5.2	5.1	5.9	7.5	5.9	2.3	2.4	5.3	4.7	6.4	5.6	5.3	6.6	5.7	6.8	6.1	5.4
* ZEN-500	4.6	5.0	3.3	6.5	6.2	3.4	5.6	4.3	7.2	5.6	3.8	5.3	7.3	5.0	6.0	5.9	5.3
* CHINESE COMMON	3.8	4.6	3.7	6.2	5.9	2.8	5.1	5.9	6.7	5.8	4.6	5.0	6.7	5.5	5.9	5.3	5.2
* KOREAN COMMON	3.9	4.0	3.8	4.8	5.8	2.4	2.9	4.4	4.1	5.3	2.1	5.0	6.3	4.8	5.7	5.4	4.4
* Z-18	1.2	4.0	3.4	3.8	6.1	.	1.2	4.4	2.4	5.7	1.6	5.4	4.2	.	3.5	5.4	3.7
LSD VALUE	1.4	0.6	1.0	0.7	0.5	0.7	1.1	0.8	1.7	0.4	1.2	0.5	0.5	0.7	1.3	0.4	0.2
C.V. (%)	15.6	6.7	12.6	6.6	5.1	8.3	16.9	9.7	16.3	4.1	16.5	5.2	4.9	7.1	13.2	4.3	9.7

\* COMMERCIALY AVAILABLE IN THE USA IN 1999.

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 1B.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/  
1998 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/																
	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MO1	MS1	SC1	TX1	TX3	VA4	MEAN
ZEN-400	5.1	4.9	5.1	6.8	6.1	3.1	5.7	6.1	7.5	5.8	5.6	5.3	7.0	5.5	5.1	5.7	5.6
J-37	4.8	4.6	4.1	6.4	5.9	3.2	5.7	5.8	7.3	5.9	5.7	5.2	6.9	5.5	6.3	5.8	5.6
ZENITH	4.6	4.8	3.3	5.9	6.6	4.7	4.6	5.3	8.2	5.9	4.3	5.0	6.8	5.5	5.8	5.6	5.4
J-36	4.8	.	4.3	6.5	5.9	3.5	5.3	5.5	7.1	5.6	4.6	5.0	6.6	5.5	5.7	5.4	5.4
ZEN-500	4.6	5.0	3.3	6.5	6.2	3.4	5.6	4.3	7.2	5.6	3.8	5.3	7.3	5.0	6.0	5.9	5.3
CHINESE COMMON	3.8	4.6	3.7	6.2	5.9	2.8	5.1	5.9	6.7	5.8	4.6	5.0	6.7	5.5	5.9	5.3	5.2
KOREAN COMMON	3.9	4.0	3.8	4.8	5.8	2.4	2.9	4.4	4.1	5.3	2.1	5.0	6.3	4.8	5.7	5.4	4.4
Z-18	1.2	4.0	3.4	3.8	6.1	.	1.2	4.4	2.4	5.7	1.6	5.4	4.2	.	3.5	5.4	3.7
LSD VALUE	1.1	0.5	1.0	1.0	0.6	0.7	1.2	0.7	0.5	0.5	1.2	0.4	0.7	0.9	1.9	0.3	0.2
C.V. (%)	16.3	6.4	15.9	10.6	6.0	13.2	16.8	8.8	5.3	5.5	19.0	4.9	6.5	10.1	21.5	3.7	11.2

TABLE 1C.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/  
1998 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/																
	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MO1	MS1	SC1	TX1	TX3	VA4	MEAN
EMERALD	8.0	6.1	5.6	8.1	7.1	8.7	5.2	7.7	2.5	6.2	5.9	7.4	7.3	6.9	6.4	6.6	6.6
DALZ 9601	8.3	6.8	5.6	7.4	6.9	8.8	3.7	6.9	2.4	6.4	5.7	7.7	7.3	6.4	6.0	7.4	6.5
EL TORO	6.4	5.6	6.8	8.0	6.3	4.3	5.4	6.3	7.3	6.4	6.1	5.8	7.1	6.5	6.6	6.6	6.4
ZEON	7.9	6.5	5.7	7.7	7.1	8.9	3.1	6.3	1.8	6.4	4.6	7.6	6.8	6.5	6.2	7.2	6.3
JAMUR	6.3	5.6	6.1	7.7	6.4	4.3	4.3	6.6	5.8	6.0	5.8	5.8	7.2	6.4	6.8	6.6	6.1
VICTORIA	6.2	6.9	6.1	7.9	7.3	7.7	1.3	4.0	.	6.4	3.7	6.8	7.2	6.4	6.6	7.3	6.1
DE ANZA	6.7	6.8	6.3	7.7	7.1	5.9	1.9	4.2	.	6.7	3.3	6.4	7.0	5.9	5.6	6.8	5.9
HT-210	5.8	5.3	5.3	7.3	6.1	8.5	1.0	4.0	.	6.2	1.7	7.2	7.6	6.8	6.8	6.5	5.7
J-14	5.4	4.3	4.3	6.8	5.8	5.7	6.0	5.2	7.1	5.8	5.4	5.2	7.1	5.8	5.8	5.7	5.7
MEYER	6.9	4.6	2.7	5.4	6.7	6.5	5.6	5.4	6.0	5.8	4.9	5.5	6.3	5.2	5.3	6.3	5.6
MIYAKO	5.2	5.1	5.9	7.5	5.9	2.3	2.4	5.3	4.7	6.4	5.6	5.3	6.6	5.7	6.8	6.1	5.4
LSD VALUE	1.6	0.6	1.0	0.4	0.5	0.7	1.0	0.9	2.8	0.3	1.1	0.5	0.4	0.5	0.4	0.5	0.2
C.V. (%)	14.9	6.7	11.0	3.4	4.5	6.8	16.9	10.2	29.5	2.8	14.9	5.3	3.6	5.0	3.8	4.6	8.8

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 2A.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS FOR EACH  
MONTH GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
EMERALD	4.3	5.3	5.6	5.8	6.4	7.3	7.4	7.2	7.7	6.8	6.0	5.3	6.8
DALZ 9601	4.7	5.8	5.8	5.6	6.1	6.9	6.9	6.8	7.3	6.4	6.0	5.8	6.5
ZEON	5.1	5.8	5.7	5.5	6.0	7.2	6.9	6.8	7.3	6.3	5.7	5.5	6.5
EL TORO	4.8	5.4	5.6	6.0	6.6	6.8	6.9	6.7	6.5	6.6	5.9	5.7	6.4
JAMUR	4.2	5.1	5.4	5.9	6.0	6.8	6.8	6.6	6.4	6.4	5.2	5.1	6.1
VICTORIA	4.8	5.5	5.7	5.5	5.7	6.5	6.5	6.4	6.7	6.7	6.2	6.5	6.1
DE ANZA	5.3	5.8	5.7	5.1	5.4	6.4	6.5	6.3	6.3	6.5	6.1	6.0	5.9
HT-210	4.3	5.3	5.2	4.9	5.3	6.1	6.3	6.3	6.2	6.1	6.0	5.4	5.7
J-14	4.0	4.6	4.9	5.2	5.4	5.9	6.2	6.0	6.2	6.1	4.8	4.4	5.7
ZEN-400	4.1	4.5	4.7	5.7	5.7	5.9	6.2	6.0	6.0	5.7	4.8	4.2	5.6
J-37	3.6	4.1	4.2	5.7	5.6	5.8	6.1	6.1	6.0	5.8	4.5	4.2	5.6
MEYER	3.2	3.6	3.8	4.6	5.1	6.2	6.2	5.9	6.2	5.6	4.2	3.8	5.6
MIYAKO	4.9	5.3	5.2	5.0	5.2	5.7	5.9	5.7	5.8	5.9	5.8	5.8	5.4
ZENITH	3.6	4.4	4.3	5.2	5.1	5.6	5.9	5.8	6.1	5.8	4.6	4.0	5.4
J-36	4.0	4.3	4.4	5.4	5.4	5.7	6.0	5.7	5.8	5.5	4.6	4.6	5.4
ZEN-500	3.7	4.5	4.6	5.4	5.1	5.4	5.8	5.9	5.8	5.4	4.5	3.7	5.3
CHINESE COMMON	3.6	4.1	4.4	5.4	5.3	5.5	5.7	5.6	5.6	5.2	4.1	3.9	5.2
KOREAN COMMON	2.9	3.5	3.1	4.1	4.1	4.6	4.9	5.0	5.0	4.9	4.3	3.9	4.4
Z-18	3.6	3.9	3.2	3.0	3.2	3.7	4.0	4.0	4.5	4.3	4.9	4.4	3.7
ISD VALUE	0.8	0.8	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.8	1.2	0.8	0.6
C.V. (%)	24.7	18.0	20.0	29.8	34.6	28.1	27.2	27.6	27.7	27.8	40.6	19.9	23.9

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 2B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS (SEEDED) FOR EACH MONTH GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/  
1998 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
ZEN-400	4.1	4.5	4.7	5.7	5.7	5.9	6.2	6.0	6.0	5.7	4.8	4.2	5.6
J-37	3.6	4.1	4.2	5.7	5.6	5.8	6.1	6.1	6.0	5.8	4.5	4.2	5.6
ZENITH	3.6	4.4	4.3	5.2	5.1	5.6	5.9	5.8	6.1	5.8	4.6	4.0	5.4
J-36	4.0	4.3	4.4	5.4	5.4	5.7	6.0	5.7	5.8	5.5	4.6	4.6	5.4
ZEN-500	3.7	4.5	4.6	5.4	5.1	5.4	5.8	5.9	5.8	5.4	4.5	3.7	5.3
CHINESE COMMON	3.6	4.1	4.4	5.4	5.3	5.5	5.7	5.6	5.6	5.2	4.1	3.9	5.2
KOREAN COMMON	2.9	3.5	3.1	4.1	4.1	4.6	4.9	5.0	5.0	4.9	4.3	3.9	4.4
Z-18	3.6	3.9	3.2	3.0	3.2	3.7	4.0	4.0	4.5	4.3	4.9	4.4	3.7
LSD VALUE	0.9	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.8	1.2	0.8	0.5
C.V. (%)	30.2	20.2	22.4	28.8	34.5	29.8	27.8	29.9	30.6	30.0	44.7	22.0	24.2

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS FOR EACH MONTH GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/  
1998 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
EMERALD	4.3	5.3	5.6	5.8	6.4	7.3	7.4	7.2	7.7	6.8	6.0	5.3	6.8
DALZ 9601	4.7	5.8	5.8	5.6	6.1	6.9	6.9	6.8	7.3	6.4	6.0	5.8	6.5
ZEON	5.1	5.8	5.7	5.5	6.0	7.2	6.9	6.8	7.3	6.3	5.7	5.5	6.5
EL TORO	4.8	5.4	5.6	6.0	6.6	6.8	6.9	6.7	6.5	6.6	5.9	5.7	6.4
JAMUR	4.2	5.1	5.4	5.9	6.0	6.8	6.8	6.6	6.4	6.4	5.2	5.1	6.1
VICTORIA	4.8	5.5	5.7	5.5	5.7	6.5	6.5	6.4	6.7	6.7	6.2	6.5	6.1
DE ANZA	5.3	5.8	5.7	5.1	5.4	6.4	6.5	6.3	6.3	6.5	6.1	6.0	5.9
HT-210	4.3	5.3	5.2	4.9	5.3	6.1	6.3	6.3	6.2	6.1	6.0	5.4	5.7
J-14	4.0	4.6	4.9	5.2	5.4	5.9	6.2	6.0	6.2	6.1	4.8	4.4	5.7
MEYER	3.2	3.6	3.8	4.6	5.1	6.2	6.2	5.9	6.2	5.6	4.2	3.8	5.6
MIYAKO	4.9	5.3	5.2	5.0	5.2	5.7	5.9	5.7	5.8	5.9	5.8	5.8	5.4
LSD VALUE	0.8	0.8	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.8	1.2	0.8	0.6
C.V. (%)	21.7	16.8	18.7	30.4	34.4	27.0	26.8	26.2	25.8	26.4	38.3	18.7	23.6

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 3A.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/  
1998 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MO1	MS1	SC1	TX1	TX3	VA4	MEAN
EMERALD	2.0	5	8	1.0	2.5	3	8	1.0	13.0	8.0	2.0	3.0	2.5	1	6.0	6.0	1
DALZ 9601	1.0	3	7	8.0	5.0	2	12	2.0	15.0	2.0	5.0	1.0	2.5	6	9.0	1.0	2
EL TORO	6.0	6	1	2.0	9.0	10	6	4.5	3.5	4.5	1.0	7.5	7.5	3	4.0	5.0	3
ZEON	3.0	4	6	5.0	4.0	1	13	4.5	16.0	3.0	11.0	2.0	12.5	4	8.0	3.0	4
JAMUR	7.0	7	4	5.0	8.0	11	11	3.0	10.0	9.0	3.0	7.5	5.0	5	2.5	7.0	5
VICTORIA	8.0	1	3	3.0	1.0	5	17	18.5	.	4.5	15.0	5.0	6.0	7	5.0	2.0	6
DE ANZA	5.0	2	2	5.0	2.5	7	16	17.0	.	1.0	16.0	6.0	9.5	8	16.0	4.0	7
HT-210	9.0	8	9	9.0	13.0	4	19	18.5	.	7.0	18.0	4.0	1.0	2	2.5	8.0	8
J-14	10.0	16	11	10.5	18.5	8	1	13.0	7.0	13.5	8.0	14.0	7.5	9	12.5	13.5	9
ZEN-400	12.0	11	10	10.5	12.0	15	3	6.0	2.0	13.5	6.5	11.0	9.5	13	18.0	13.5	10
J-37	13.5	13	13	14.0	16.5	14	2	8.0	3.5	11.0	4.0	15.0	11.0	12	7.0	12.0	11
MEYER	4.0	15	19	17.0	6.0	6	4	10.0	9.0	12.0	9.0	9.0	17.5	16	17.0	9.0	12
ZENITH	16.0	12	18	16.0	7.0	9	10	11.0	1.0	10.0	13.0	16.5	12.5	11	12.5	15.0	13
J-36	13.5	.	12	12.0	14.5	12	7	9.0	6.0	18.0	12.0	19.0	15.5	15	14.0	17.5	14
MIYAKO	11.0	9	5	7.0	16.5	18	15	12.0	11.0	6.0	6.5	12.5	15.5	10	1.0	10.0	15
ZEN-500	15.0	10	17	13.0	10.0	13	5	16.0	5.0	17.0	14.0	12.5	4.0	17	10.0	11.0	16
CHINESE COMMON	18.0	14	15	15.0	14.5	16	9	7.0	8.0	15.0	10.0	16.5	14.0	14	11.0	19.0	17
KOREAN COMMON	17.0	18	14	18.0	18.5	17	14	14.0	12.0	19.0	17.0	18.0	17.5	18	15.0	16.0	18
Z-18	19.0	17	16	19.0	11.0	.	18	15.0	14.0	16.0	19.0	10.0	19.0	.	19.0	17.5	19

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 3B.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEDED) CULTIVARS  
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/  
1998 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MO1	MS1	SC1	TX1	TX3	VA4	MEAN
ZEN-400	1.0	2	1	1	4.0	5	2	1	2	3	2	2.0	2	3	7	3.0	1
J-37	2.5	4	3	4	7.0	4	1	3	3	2	1	4.0	3	2	1	2.0	2
ZENITH	5.0	3	8	6	1.0	1	6	5	1	1	5	5.5	4	1	4	4.0	3
J-36	2.5	.	2	2	5.5	2	4	4	5	7	4	8.0	6	5	5	6.5	4
ZEN-500	4.0	1	7	3	2.0	3	3	8	4	6	6	3.0	1	6	2	1.0	5
CHINESE COMMON	7.0	5	5	5	5.5	6	5	2	6	4	3	5.5	5	4	3	8.0	6
KOREAN COMMON	6.0	7	4	7	8.0	7	7	6	7	8	7	7.0	7	7	6	5.0	7
Z-18	8.0	6	6	8	3.0	.	8	7	8	5	8	1.0	8	.	8	6.5	8

TABLE 3C.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/  
1998 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MO1	MS1	SC1	TX1	TX3	VA4	MEAN
EMERALD	2	5	8	1	2.5	3	4	1.0	6	8.0	2	3.0	2.5	1	6.0	6	1
DALZ 9601	1	3	7	8	5.0	2	6	2.0	7	2.0	4	1.0	2.5	6	8.0	1	2
EL TORO	6	6	1	2	8.0	9	3	4.5	1	4.5	1	7.5	6.5	3	4.0	5	3
ZEON	3	4	6	5	4.0	1	7	4.5	8	3.0	8	2.0	9.0	4	7.0	3	4
JAMUR	7	7	4	5	7.0	10	5	3.0	4	9.0	3	7.5	4.0	5	2.5	7	5
VICTORIA	8	1	3	3	1.0	5	10	10.5	.	4.5	9	5.0	5.0	7	5.0	2	6
DE ANZA	5	2	2	5	2.5	7	9	9.0	.	1.0	10	6.0	8.0	8	10.0	4	7
HT-210	9	8	9	9	9.0	4	11	10.5	.	7.0	11	4.0	1.0	2	2.5	8	8
J-14	10	11	10	10	11.0	8	1	8.0	2	11.0	6	11.0	6.5	9	9.0	11	9
MEYER	4	10	11	11	6.0	6	2	6.0	3	10.0	7	9.0	11.0	11	11.0	9	10
MIYAKO	11	9	5	7	10.0	11	8	7.0	5	6.0	5	10.0	10.0	10	1.0	10	11

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 4A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
AT DIFFERENT NITROGEN LEVELS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NITROGEN LEVELS (LBS OF N/1000 SQ. FT./YEAR)				MEAN
	1.1-2.0	2.1-3.0	3.1-4.0	4.0+	
EMERALD	6.5	6.7	6.6	6.8	6.6
DALZ 9601	6.3	6.6	6.4	7.1	6.5
EL TORO	6.2	6.1	6.7	6.1	6.3
ZEON	5.8	6.3	6.1	7.0	6.3
VICTORIA	5.5	5.9	6.3	6.6	6.1
JAMUR	6.1	5.7	6.4	5.9	6.1
DE ANZA	5.2	5.6	6.3	6.5	5.9
J-14	5.6	5.8	5.8	5.5	5.7
ZEN-400	5.8	5.3	6.0	5.6	5.7
HT-210	3.9	5.8	5.8	6.7	5.7
MEYER	5.8	5.5	5.6	5.6	5.6
J-37	5.8	5.1	5.8	5.5	5.5
J-36	5.3	5.0	5.9	5.3	5.4
ZENITH	5.4	5.0	5.7	5.5	5.4
MIYAKO	5.7	4.7	5.6	5.8	5.3
ZEN-500	5.0	5.1	5.4	5.5	5.3
CHINESE COMMON	5.3	4.7	5.5	5.4	5.2
KOREAN COMMON	3.9	4.1	4.3	5.1	4.3
Z-18	3.9	3.5	3.2	5.5	3.8
LSD VALUE	0.6	0.4	0.4	0.3	0.2
C.V. (%)	10.5	9.1	10.6	4.7	9.4

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 4B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
AT DIFFERENT NITROGEN LEVELS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NITROGEN LEVELS (LBS OF N/1000 SQ. FT./YEAR)				MEAN
	1.1-2.0	2.1-3.0	3.1-4.0	4.0+	
ZEN-400	5.8	5.3	6.0	5.6	5.7
J-37	5.8	5.1	5.8	5.5	5.5
J-36	5.3	5.0	5.9	5.3	5.4
ZENITH	5.4	5.0	5.7	5.5	5.4
ZEN-500	5.0	5.1	5.4	5.5	5.3
CHINESE COMMON	5.3	4.7	5.5	5.4	5.2
KOREAN COMMON	3.9	4.1	4.3	5.1	4.3
Z-18	3.9	3.5	3.2	5.5	3.8
LSD VALUE	0.7	0.4	0.3	0.3	0.2
C.V. (%)	11.9	11.0	9.7	5.3	9.9

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
AT DIFFERENT NITROGEN LEVELS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	NITROGEN LEVELS (LBS OF N/1000 SQ. FT./YEAR)				MEAN
	1.1-2.0	2.1-3.0	3.1-4.0	4.0+	
EMERALD	6.5	6.7	6.6	6.8	6.6
DALZ 9601	6.3	6.6	6.4	7.1	6.5
EL TORO	6.2	6.1	6.7	6.1	6.3
ZEON	5.8	6.3	6.1	7.0	6.3
VICTORIA	5.5	5.9	6.3	6.6	6.1
JAMUR	6.1	5.7	6.4	5.9	6.1
DE ANZA	5.2	5.6	6.3	6.5	5.9
J-14	5.6	5.8	5.8	5.5	5.7
HT-210	3.9	5.8	5.8	6.7	5.7
MEYER	5.8	5.5	5.6	5.6	5.6
MIYAKO	5.7	4.7	5.6	5.8	5.3
LSD VALUE	0.6	0.3	0.5	0.3	0.2
C.V. (%)	9.6	8.0	11.0	4.3	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 5A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
 GROWN AT 1.1-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GAI	MOI	MEAN
EMERALD	7.1	5.9	6.5
DALZ 9601	6.9	5.7	6.3
EL TORO	6.3	6.1	6.2
JAMUR	6.4	5.8	6.1
ZEON	7.1	4.6	5.8
ZEN-400	6.1	5.6	5.8
J-37	5.9	5.7	5.8
MEYER	6.7	4.9	5.8
MIYAKO	5.9	5.6	5.7
J-14	5.8	5.4	5.6
VICTORIA	7.3	3.7	5.5
ZENITH	6.6	4.3	5.4
CHINESE COMMON	5.9	4.6	5.3
J-36	5.9	4.6	5.3
DE ANZA	7.1	3.3	5.2
ZEN-500	6.2	3.8	5.0
KOREAN COMMON	5.8	2.1	3.9
Z-18	6.1	1.6	3.9
HT-210	6.1	1.7	3.9
LSD VALUE	0.5	1.2	0.6
C.V. (%)	5.1	16.5	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 5B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT 1.1-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	MO1	MEAN
ZEN-400	6.1	5.6	5.8
J-37	5.9	5.7	5.8
ZENITH	6.6	4.3	5.4
CHINESE COMMON	5.9	4.6	5.3
J-36	5.9	4.6	5.3
ZEN-500	6.2	3.8	5.0
KOREAN COMMON	5.8	2.1	3.9
Z-18	6.1	1.6	3.9
LSD VALUE	0.6	1.2	0.7
C.V. (%)	6.0	19.0	11.9

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT 1.1-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	MO1	MEAN
EMERALD	7.1	5.9	6.5
DALZ 9601	6.9	5.7	6.3
EL TORO	6.3	6.1	6.2
JAMUR	6.4	5.8	6.1
ZEON	7.1	4.6	5.8
MEYER	6.7	4.9	5.8
MIYAKO	5.9	5.6	5.7
J-14	5.8	5.4	5.6
VICTORIA	7.3	3.7	5.5
DE ANZA	7.1	3.3	5.2
HT-210	6.1	1.7	3.9
LSD VALUE	0.5	1.1	0.6
C.V. (%)	4.5	14.9	9.6

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

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

TABLE 6A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN AT 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	FL1	IL2	IN1	SC1	VA4	MEAN
EMERALD	5.6	8.7	5.2	7.3	6.6	6.7
DALZ 9601	5.6	8.8	3.7	7.3	7.4	6.6
ZEON	5.7	8.9	3.1	6.8	7.2	6.3
EL TORO	6.8	4.3	5.4	7.1	6.6	6.1
VICTORIA	6.1	7.7	1.3	7.2	7.3	5.9
HT-210	5.3	8.5	1.0	7.6	6.5	5.8
J-14	4.3	5.7	6.0	7.1	5.7	5.8
JAMUR	6.1	4.3	4.3	7.2	6.6	5.7
DE ANZA	6.3	5.9	1.9	7.0	6.8	5.6
MEYER	2.7	6.5	5.6	6.3	6.3	5.5
ZEN-400	5.1	3.1	5.7	7.0	5.7	5.3
J-37	4.1	3.2	5.7	6.9	5.8	5.1
ZEN-500	3.3	3.4	5.6	7.3	5.9	5.1
J-36	4.3	3.5	5.3	6.6	5.4	5.0
ZENITH	3.3	4.7	4.6	6.8	5.6	5.0
CHINESE COMMON	3.7	2.8	5.1	6.7	5.3	4.7
MIYAKO	5.9	2.3	2.4	6.6	6.1	4.7
KOREAN COMMON	3.8	2.4	2.9	6.3	5.4	4.1
Z-18	3.4	.	1.2	4.2	5.4	3.5
LSD VALUE	1.0	0.7	1.1	0.5	0.4	0.4
C.V. (%)	12.6	8.3	16.9	4.9	4.3	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 6B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	FL1	IL2	IN1	SC1	VA4	MEAN
ZEN-400	5.1	3.1	5.7	7.0	5.7	5.3
J-37	4.1	3.2	5.7	6.9	5.8	5.1
ZEN-500	3.3	3.4	5.6	7.3	5.9	5.1
J-36	4.3	3.5	5.3	6.6	5.4	5.0
ZENITH	3.3	4.7	4.6	6.8	5.6	5.0
CHINESE COMMON	3.7	2.8	5.1	6.7	5.3	4.7
KOREAN COMMON	3.8	2.4	2.9	6.3	5.4	4.1
Z-18	3.4	.	1.2	4.2	5.4	3.5
LSD VALUE	1.0	0.7	1.2	0.7	0.3	0.4
C.V. (%)	15.9	13.2	16.8	6.5	3.7	11.0

TABLE 6C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	FL1	IL2	IN1	SC1	VA4	MEAN
EMERALD	5.6	8.7	5.2	7.3	6.6	6.7
DALZ 9601	5.6	8.8	3.7	7.3	7.4	6.6
ZEON	5.7	8.9	3.1	6.8	7.2	6.3
EL TORO	6.8	4.3	5.4	7.1	6.6	6.1
VICTORIA	6.1	7.7	1.3	7.2	7.3	5.9
HT-210	5.3	8.5	1.0	7.6	6.5	5.8
J-14	4.3	5.7	6.0	7.1	5.7	5.8
JAMUR	6.1	4.3	4.3	7.2	6.6	5.7
DE ANZA	6.3	5.9	1.9	7.0	6.8	5.6
MEYER	2.7	6.5	5.6	6.3	6.3	5.5
MIYAKO	5.9	2.3	2.4	6.6	6.1	4.7
LSD VALUE	1.0	0.7	1.0	0.4	0.5	0.3
C.V. (%)	11.0	6.8	16.9	3.6	4.6	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.

TABLE 7A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
 GROWN AT 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	CA3	FL3	KS1	KY1	TX1	MEAN
EL TORO	6.4	5.6	8.0	6.3	7.3	6.5	6.7
EMERALD	8.0	6.1	8.1	7.7	2.5	6.9	6.6
JAMUR	6.3	5.6	7.7	6.6	5.8	6.4	6.4
DALZ 9601	8.3	6.8	7.4	6.9	2.4	6.4	6.4
VICTORIA	6.2	6.9	7.9	4.0	.	6.4	6.3
DE ANZA	6.7	6.8	7.7	4.2	.	5.9	6.3
ZEON	7.9	6.5	7.7	6.3	1.8	6.5	6.1
ZEN-400	5.1	4.9	6.8	6.1	7.5	5.5	6.0
J-36	4.8	.	6.5	5.5	7.1	5.5	5.9
HT-210	5.8	5.3	7.3	4.0	.	6.8	5.8
J-14	5.4	4.3	6.8	5.2	7.1	5.8	5.8
J-37	4.8	4.6	6.4	5.8	7.3	5.5	5.8
ZENITH	4.6	4.8	5.9	5.3	8.2	5.5	5.7
MEYER	6.9	4.6	5.4	5.4	6.0	5.2	5.6
MIYAKO	5.2	5.1	7.5	5.3	4.7	5.7	5.6
CHINESE COMMON	3.8	4.6	6.2	5.9	6.7	5.5	5.5
ZEN-500	4.6	5.0	6.5	4.3	7.2	5.0	5.4
KOREAN COMMON	3.9	4.0	4.8	4.4	4.1	4.8	4.3
Z-18	1.2	4.0	3.8	4.4	2.4	.	3.2
LSD VALUE	1.4	0.6	0.7	0.8	1.7	0.7	0.4
C.V. (%)	15.6	6.7	6.6	9.7	16.3	7.1	10.6

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 7B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	AR1	CA3	FL3	KS1	KY1	TX1	MEAN
ZEN-400	5.1	4.9	6.8	6.1	7.5	5.5	6.0
J-36	4.8	.	6.5	5.5	7.1	5.5	5.9
J-37	4.8	4.6	6.4	5.8	7.3	5.5	5.8
ZENITH	4.6	4.8	5.9	5.3	8.2	5.5	5.7
CHINESE COMMON	3.8	4.6	6.2	5.9	6.7	5.5	5.5
ZEN-500	4.6	5.0	6.5	4.3	7.2	5.0	5.4
KOREAN COMMON	3.9	4.0	4.8	4.4	4.1	4.8	4.3
Z-18	1.2	4.0	3.8	4.4	2.4	.	3.2
LSD VALUE	1.1	0.5	1.0	0.7	0.5	0.9	0.3
C.V. (%)	16.3	6.4	10.6	8.8	5.3	10.1	9.7

TABLE 7C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/							
NAME	AR1	CA3	FL3	KS1	KY1	TX1	MEAN
EL TORO	6.4	5.6	8.0	6.3	7.3	6.5	6.7
EMERALD	8.0	6.1	8.1	7.7	2.5	6.9	6.6
JAMUR	6.3	5.6	7.7	6.6	5.8	6.4	6.4
DALZ 9601	8.3	6.8	7.4	6.9	2.4	6.4	6.4
VICTORIA	6.2	6.9	7.9	4.0	.	6.4	6.3
DE ANZA	6.7	6.8	7.7	4.2	.	5.9	6.3
ZEON	7.9	6.5	7.7	6.3	1.8	6.5	6.1
HT-210	5.8	5.3	7.3	4.0	.	6.8	5.8
J-14	5.4	4.3	6.8	5.2	7.1	5.8	5.8
MEYER	6.9	4.6	5.4	5.4	6.0	5.2	5.6
MIYAKO	5.2	5.1	7.5	5.3	4.7	5.7	5.6
LSD VALUE	1.6	0.6	0.4	0.9	2.8	0.5	0.5
C.V. (%)	14.9	6.7	3.4	10.2	29.5	5.0	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 8A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN AT 4.0+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	LA1	MS1	MEAN
DALZ 9601	6.4	7.7	7.1
ZEON	6.4	7.6	7.0
EMERALD	6.2	7.4	6.8
HT-210	6.2	7.2	6.7
VICTORIA	6.4	6.8	6.6
DE ANZA	6.7	6.4	6.5
EL TORO	6.4	5.8	6.1
JAMUR	6.0	5.8	5.9
MIYAKO	6.4	5.3	5.8
MEYER	5.8	5.5	5.6
ZEN-400	5.8	5.3	5.6
Z-18	5.7	5.4	5.5
J-37	5.9	5.2	5.5
J-14	5.8	5.2	5.5
ZENITH	5.9	5.0	5.5
ZEN-500	5.6	5.3	5.5
CHINESE COMMON	5.8	5.0	5.4
J-36	5.6	5.0	5.3
KOREAN COMMON	5.3	5.0	5.1
LSD VALUE	0.4	0.5	0.3
C.V. (%)	4.1	5.2	4.7

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 8B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT 4.0+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	LA1	MS1	MEAN
ZEN-400	5.8	5.3	5.6
Z-18	5.7	5.4	5.5
J-37	5.9	5.2	5.5
ZENITH	5.9	5.0	5.5
ZEN-500	5.6	5.3	5.5
CHINESE COMMON	5.8	5.0	5.4
J-36	5.6	5.0	5.3
KOREAN COMMON	5.3	5.0	5.1
LSD VALUE	0.5	0.4	0.3
C.V. (%)	5.5	4.9	5.3

TABLE 8C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT 4.0+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	LA1	MS1	MEAN
DALZ 9601	6.4	7.7	7.1
ZEON	6.4	7.6	7.0
EMERALD	6.2	7.4	6.8
HT-210	6.2	7.2	6.7
VICTORIA	6.4	6.8	6.6
DE ANZA	6.7	6.4	6.5
EL TORO	6.4	5.8	6.1
JAMUR	6.0	5.8	5.9
MIYAKO	6.4	5.3	5.8
MEYER	5.8	5.5	5.6
J-14	5.8	5.2	5.5
LSD VALUE	0.3	0.5	0.3
C.V. (%)	2.8	5.3	4.3

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 9A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN AT DIFFERENT MOWING HEIGHTS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MOWING HEIGHTS (INCHES)			MEAN
	0.5-1.0	1.1-1.5	1.6+	
EMERALD	6.1	7.5	7.0	6.6
DALZ 9601	5.9	7.6	7.0	6.5
EL TORO	6.2	5.4	6.9	6.3
ZEON	5.5	7.7	7.0	6.3
VICTORIA	5.3	7.1	6.8	6.1
JAMUR	6.0	5.1	6.6	6.1
DE ANZA	5.3	6.3	6.7	5.9
J-14	5.8	5.7	5.6	5.7
ZEN-400	6.0	4.5	5.6	5.7
HT-210	4.7	7.3	6.3	5.7
MEYER	5.6	6.2	5.3	5.6
J-37	5.9	4.6	5.3	5.5
J-36	5.7	4.5	5.3	5.4
ZENITH	5.7	5.3	5.0	5.4
MIYAKO	5.1	4.4	6.1	5.3
ZEN-500	5.6	4.5	5.1	5.3
CHINESE COMMON	5.6	4.3	4.9	5.2
KOREAN COMMON	4.3	3.8	4.5	4.3
Z-18	3.7	5.7	3.5	3.8
LSD VALUE	0.3	0.4	0.4	0.2
C.V. (%)	9.9	6.2	9.6	9.4

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 9B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT DIFFERENT MOWING HEIGHTS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MOWING HEIGHTS (INCHES)			MEAN
	0.5-1.0	1.1-1.5	1.6+	
ZEN-400	6.0	4.5	5.6	5.7
J-37	5.9	4.6	5.3	5.5
J-36	5.7	4.5	5.3	5.4
ZENITH	5.7	5.3	5.0	5.4
ZEN-500	5.6	4.5	5.1	5.3
CHINESE COMMON	5.6	4.3	4.9	5.2
KOREAN COMMON	4.3	3.8	4.5	4.3
Z-18	3.7	5.7	3.5	3.8
LSD VALUE	0.3	0.5	0.4	0.2
C.V. (%)	9.3	8.2	11.3	9.9

TABLE 9C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT DIFFERENT MOWING HEIGHTS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MOWING HEIGHTS (INCHES)			MEAN
	0.5-1.0	1.1-1.5	1.6+	
EMERALD	6.1	7.5	7.0	6.6
DALZ 9601	5.9	7.6	7.0	6.5
EL TORO	6.2	5.4	6.9	6.3
ZEON	5.5	7.7	7.0	6.3
VICTORIA	5.3	7.1	6.8	6.1
JAMUR	6.0	5.1	6.6	6.1
DE ANZA	5.3	6.3	6.7	5.9
J-14	5.8	5.7	5.6	5.7
HT-210	4.7	7.3	6.3	5.7
MEYER	5.6	6.2	5.3	5.6
MIYAKO	5.1	4.4	6.1	5.3
LSD VALUE	0.3	0.4	0.4	0.2
C.V. (%)	10.3	5.3	8.7	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 10A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN AT A 0.5-1.0 INCH MOWING HEIGHT 1/  
1998 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								MEAN
	CA3	GA1	IN1	KS1	KY1	MO1	MS1	SC1	
EL TORO	5.6	6.3	5.4	6.3	7.3	6.1	5.8	7.1	6.2
EMERALD	6.1	7.1	5.2	7.7	2.5	5.9	7.4	7.3	6.1
ZEN-400	4.9	6.1	5.7	6.1	7.5	5.6	5.3	7.0	6.0
JAMUR	5.6	6.4	4.3	6.6	5.8	5.8	5.8	7.2	6.0
DALZ 9601	6.8	6.9	3.7	6.9	2.4	5.7	7.7	7.3	5.9
J-37	4.6	5.9	5.7	5.8	7.3	5.7	5.2	6.9	5.9
J-14	4.3	5.8	6.0	5.2	7.1	5.4	5.2	7.1	5.8
J-36	.	5.9	5.3	5.5	7.1	4.6	5.0	6.6	5.7
ZENITH	4.8	6.6	4.6	5.3	8.2	4.3	5.0	6.8	5.7
MEYER	4.6	6.7	5.6	5.4	6.0	4.9	5.5	6.3	5.6
CHINESE COMMON	4.6	5.9	5.1	5.9	6.7	4.6	5.0	6.7	5.6
ZEN-500	5.0	6.2	5.6	4.3	7.2	3.8	5.3	7.3	5.6
ZEON	6.5	7.1	3.1	6.3	1.8	4.6	7.6	6.8	5.5
VICTORIA	6.9	7.3	1.3	4.0	.	3.7	6.8	7.2	5.3
DE ANZA	6.8	7.1	1.9	4.2	.	3.3	6.4	7.0	5.3
MIYAKO	5.1	5.9	2.4	5.3	4.7	5.6	5.3	6.6	5.1
HT-210	5.3	6.1	1.0	4.0	.	1.7	7.2	7.6	4.7
KOREAN COMMON	4.0	5.8	2.9	4.4	4.1	2.1	5.0	6.3	4.3
Z-18	4.0	6.1	1.2	4.4	2.4	1.6	5.4	4.2	3.7
LSD VALUE	0.6	0.5	1.1	0.8	1.7	1.2	0.5	0.5	0.3
C.V. (%)	6.7	5.1	16.9	9.7	16.3	16.5	5.2	4.9	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 10B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT A 0.5-1.0 INCH MOWING HEIGHT 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
NAME	CA3	GAI	IN1	KS1	KY1	MO1	MS1	SC1	MEAN
ZEN-400	4.9	6.1	5.7	6.1	7.5	5.6	5.3	7.0	6.0
J-37	4.6	5.9	5.7	5.8	7.3	5.7	5.2	6.9	5.9
J-36	.	5.9	5.3	5.5	7.1	4.6	5.0	6.6	5.7
ZENITH	4.8	6.6	4.6	5.3	8.2	4.3	5.0	6.8	5.7
CHINESE COMMON	4.6	5.9	5.1	5.9	6.7	4.6	5.0	6.7	5.6
ZEN-500	5.0	6.2	5.6	4.3	7.2	3.8	5.3	7.3	5.6
KOREAN COMMON	4.0	5.8	2.9	4.4	4.1	2.1	5.0	6.3	4.3
Z-18	4.0	6.1	1.2	4.4	2.4	1.6	5.4	4.2	3.7
LSD VALUE	0.5	0.6	1.2	0.7	0.5	1.2	0.4	0.7	0.3
C.V. (%)	6.4	6.0	16.8	8.8	5.3	19.0	4.9	6.5	9.3

TABLE 10C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT A 0.5-1.0 INCH MOWING HEIGHT 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
NAME	CA3	GAI	IN1	KS1	KY1	MO1	MS1	SC1	MEAN
EL TORO	5.6	6.3	5.4	6.3	7.3	6.1	5.8	7.1	6.2
EMERALD	6.1	7.1	5.2	7.7	2.5	5.9	7.4	7.3	6.1
JAMUR	5.6	6.4	4.3	6.6	5.8	5.8	5.8	7.2	6.0
DALZ 9601	6.8	6.9	3.7	6.9	2.4	5.7	7.7	7.3	5.9
J-14	4.3	5.8	6.0	5.2	7.1	5.4	5.2	7.1	5.8
MEYER	4.6	6.7	5.6	5.4	6.0	4.9	5.5	6.3	5.6
ZEON	6.5	7.1	3.1	6.3	1.8	4.6	7.6	6.8	5.5
VICTORIA	6.9	7.3	1.3	4.0	.	3.7	6.8	7.2	5.3
DE ANZA	6.8	7.1	1.9	4.2	.	3.3	6.4	7.0	5.3
MIYAKO	5.1	5.9	2.4	5.3	4.7	5.6	5.3	6.6	5.1
HT-210	5.3	6.1	1.0	4.0	.	1.7	7.2	7.6	4.7
LSD VALUE	0.6	0.5	1.0	0.9	2.8	1.1	0.5	0.4	0.3
C.V. (%)	6.7	4.5	16.9	10.2	29.5	14.9	5.3	3.6	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 11A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
 GROWN AT A 1.1-1.5 INCH MOWING HEIGHT 1/  
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL2	LA1	MEAN
ZEON	8.9	6.4	7.7
DALZ 9601	8.8	6.4	7.6
EMERALD	8.7	6.2	7.5
HT-210	8.5	6.2	7.3
VICTORIA	7.7	6.4	7.1
DE ANZA	5.9	6.7	6.3
MEYER	6.5	5.8	6.2
J-14	5.7	5.8	5.7
Z-18	.	5.7	5.7
EL TORO	4.3	6.4	5.4
ZENITH	4.7	5.9	5.3
JAMUR	4.3	6.0	5.1
J-37	3.2	5.9	4.6
J-36	3.5	5.6	4.5
ZEN-500	3.4	5.6	4.5
ZEN-400	3.1	5.8	4.5
MIYAKO	2.3	6.4	4.4
CHINESE COMMON	2.8	5.8	4.3
KOREAN COMMON	2.4	5.3	3.8
LSD VALUE	0.7	0.4	0.4
C.V. (%)	8.3	4.1	6.2

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 11B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT A 1.1-1.5 INCH MOWING HEIGHT 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL2	LA1	MEAN
Z-18	.	5.7	5.7
ZENITH	4.7	5.9	5.3
J-37	3.2	5.9	4.6
J-36	3.5	5.6	4.5
ZEN-500	3.4	5.6	4.5
ZEN-400	3.1	5.8	4.5
CHINESE COMMON	2.8	5.8	4.3
KOREAN COMMON	2.4	5.3	3.8
LSD VALUE	0.7	0.5	0.5
C.V. (%)	13.2	5.5	8.2

TABLE 11C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT A 1.1-1.5 INCH MOWING HEIGHT 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL2	LA1	MEAN
ZEON	8.9	6.4	7.7
DALZ 9601	8.8	6.4	7.6
EMERALD	8.7	6.2	7.5
HT-210	8.5	6.2	7.3
VICTORIA	7.7	6.4	7.1
DE ANZA	5.9	6.7	6.3
MEYER	6.5	5.8	6.2
J-14	5.7	5.8	5.7
EL TORO	4.3	6.4	5.4
JAMUR	4.3	6.0	5.1
MIYAKO	2.3	6.4	4.4
LSD VALUE	0.7	0.3	0.4
C.V. (%)	6.8	2.8	5.3

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 12A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN AT A 1.6+ INCH MOWING HEIGHT 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/						
NAME	AR1	FL1	FL3	TX1	VA4	MEAN
EMERALD	8.0	5.6	8.1	6.9	6.6	7.0
DALZ 9601	8.3	5.6	7.4	6.4	7.4	7.0
ZEON	7.9	5.7	7.7	6.5	7.2	7.0
EL TORO	6.4	6.8	8.0	6.5	6.6	6.9
VICTORIA	6.2	6.1	7.9	6.4	7.3	6.8
DE ANZA	6.7	6.3	7.7	5.9	6.8	6.7
JAMUR	6.3	6.1	7.7	6.4	6.6	6.6
HT-210	5.8	5.3	7.3	6.8	6.5	6.3
MIYAKO	5.2	5.9	7.5	5.7	6.1	6.1
ZEN-400	5.1	5.1	6.8	5.5	5.7	5.6
J-14	5.4	4.3	6.8	5.8	5.7	5.6
J-37	4.8	4.1	6.4	5.5	5.8	5.3
MEYER	6.9	2.7	5.4	5.2	6.3	5.3
J-36	4.8	4.3	6.5	5.5	5.4	5.3
ZEN-500	4.6	3.3	6.5	5.0	5.9	5.1
ZENITH	4.6	3.3	5.9	5.5	5.6	5.0
CHINESE COMMON	3.8	3.7	6.2	5.5	5.3	4.9
KOREAN COMMON	3.9	3.8	4.8	4.8	5.4	4.5
Z-18	1.2	3.4	3.8	.	5.4	3.5
LSD VALUE	1.4	1.0	0.7	0.7	0.4	0.4
C.V. (%)	15.6	12.6	6.6	7.1	4.3	9.6

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

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

TABLE 12B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT A 1.6+ INCH MOWING HEIGHT 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	FL1	FL3	TX1	VA4	MEAN
ZEN-400	5.1	5.1	6.8	5.5	5.7	5.6
J-37	4.8	4.1	6.4	5.5	5.8	5.3
J-36	4.8	4.3	6.5	5.5	5.4	5.3
ZEN-500	4.6	3.3	6.5	5.0	5.9	5.1
ZENITH	4.6	3.3	5.9	5.5	5.6	5.0
CHINESE COMMON	3.8	3.7	6.2	5.5	5.3	4.9
KOREAN COMMON	3.9	3.8	4.8	4.8	5.4	4.5
Z-18	1.2	3.4	3.8	.	5.4	3.5
LSD VALUE	1.1	1.0	1.0	0.9	0.3	0.4
C.V. (%)	16.3	15.9	10.6	10.1	3.7	11.3

TABLE 12C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT A 1.6+ INCH MOWING HEIGHT 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	FL1	FL3	TX1	VA4	MEAN
EMERALD	8.0	5.6	8.1	6.9	6.6	7.0
DALZ 9601	8.3	5.6	7.4	6.4	7.4	7.0
ZEON	7.9	5.7	7.7	6.5	7.2	7.0
EL TORO	6.4	6.8	8.0	6.5	6.6	6.9
VICTORIA	6.2	6.1	7.9	6.4	7.3	6.8
DE ANZA	6.7	6.3	7.7	5.9	6.8	6.7
JAMUR	6.3	6.1	7.7	6.4	6.6	6.6
HT-210	5.8	5.3	7.3	6.8	6.5	6.3
MIYAKO	5.2	5.9	7.5	5.7	6.1	6.1
J-14	5.4	4.3	6.8	5.8	5.7	5.6
MEYER	6.9	2.7	5.4	5.2	6.3	5.3
LSD VALUE	1.6	1.0	0.4	0.5	0.5	0.4
C.V. (%)	14.9	11.0	3.4	5.0	4.6	8.7

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 13A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN UNDER DIFFERENT IRRIGATION LEVELS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IRRIGATION LEVELS			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
EMERALD	6.7	7.5	2.5	6.6
DALZ 9601	6.5	7.7	2.4	6.5
EL TORO	6.5	5.8	7.3	6.3
ZEON	6.1	7.7	1.8	6.3
VICTORIA	5.6	7.3	.	6.1
JAMUR	6.2	5.8	5.8	6.1
DE ANZA	5.7	6.6	.	5.9
J-14	5.6	5.6	7.1	5.7
ZEN-400	5.7	5.0	7.5	5.7
HT-210	5.1	7.0	.	5.7
MEYER	5.3	6.3	6.0	5.6
J-37	5.6	5.0	7.3	5.5
J-36	5.4	4.9	7.1	5.4
ZENITH	5.1	5.5	8.2	5.4
MIYAKO	5.6	4.9	4.7	5.3
ZEN-500	5.1	5.2	7.2	5.3
CHINESE COMMON	5.2	4.8	6.7	5.2
KOREAN COMMON	4.2	4.7	4.1	4.3
Z-18	3.3	5.6	2.4	3.8
LSD VALUE	0.3	0.3	1.7	0.2
C.V. (%)	10.1	5.7	16.3	9.4

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 13B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN UNDER DIFFERENT IRRIGATION LEVELS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IRRIGATION LEVELS			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
ZEN-400	5.7	5.0	7.5	5.7
J-37	5.6	5.0	7.3	5.5
J-36	5.4	4.9	7.1	5.4
ZENITH	5.1	5.5	8.2	5.4
ZEN-500	5.1	5.2	7.2	5.3
CHINESE COMMON	5.2	4.8	6.7	5.2
KOREAN COMMON	4.2	4.7	4.1	4.3
Z-18	3.3	5.6	2.4	3.8
LSD VALUE	0.3	0.3	0.5	0.2
C.V. (%)	11.5	6.4	5.3	9.9

TABLE 13C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN UNDER DIFFERENT IRRIGATION LEVELS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IRRIGATION LEVELS			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
EMERALD	6.7	7.5	2.5	6.6
DALZ 9601	6.5	7.7	2.4	6.5
EL TORO	6.5	5.8	7.3	6.3
ZEON	6.1	7.7	1.8	6.3
VICTORIA	5.6	7.3	.	6.1
JAMUR	6.2	5.8	5.8	6.1
DE ANZA	5.7	6.6	.	5.9
J-14	5.6	5.6	7.1	5.7
HT-210	5.1	7.0	.	5.7
MEYER	5.3	6.3	6.0	5.6
MIYAKO	5.6	4.9	4.7	5.3
LSD VALUE	0.3	0.3	2.8	0.2
C.V. (%)	9.2	5.3	29.5	9.1

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

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

TABLE 14A.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN UNDER IRRIGATION TO PREVENT STRESS 1/  
1998 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										MEAN
	AR1	CA3	FL1	FL3	IN1	KS1	LA1	MO1	SC1	TX1	
EMERALD	8.0	6.1	5.6	8.1	5.2	7.7	6.2	5.9	7.3	6.9	6.7
EL TORO	6.4	5.6	6.8	8.0	5.4	6.3	6.4	6.1	7.1	6.5	6.5
DALZ 9601	8.3	6.8	5.6	7.4	3.7	6.9	6.4	5.7	7.3	6.4	6.5
JAMUR	6.3	5.6	6.1	7.7	4.3	6.6	6.0	5.8	7.2	6.4	6.2
ZEON	7.9	6.5	5.7	7.7	3.1	6.3	6.4	4.6	6.8	6.5	6.1
ZEN-400	5.1	4.9	5.1	6.8	5.7	6.1	5.8	5.6	7.0	5.5	5.7
DE ANZA	6.7	6.8	6.3	7.7	1.9	4.2	6.7	3.3	7.0	5.9	5.7
J-14	5.4	4.3	4.3	6.8	6.0	5.2	5.8	5.4	7.1	5.8	5.6
VICTORIA	6.2	6.9	6.1	7.9	1.3	4.0	6.4	3.7	7.2	6.4	5.6
MIYAKO	5.2	5.1	5.9	7.5	2.4	5.3	6.4	5.6	6.6	5.7	5.6
J-37	4.8	4.6	4.1	6.4	5.7	5.8	5.9	5.7	6.9	5.5	5.6
J-36	4.8	.	4.3	6.5	5.3	5.5	5.6	4.6	6.6	5.5	5.4
MEYER	6.9	4.6	2.7	5.4	5.6	5.4	5.8	4.9	6.3	5.2	5.3
CHINESE COMMON	3.8	4.6	3.7	6.2	5.1	5.9	5.8	4.6	6.7	5.5	5.2
HT-210	5.8	5.3	5.3	7.3	1.0	4.0	6.2	1.7	7.6	6.8	5.1
ZENITH	4.6	4.8	3.3	5.9	4.6	5.3	5.9	4.3	6.8	5.5	5.1
ZEN-500	4.6	5.0	3.3	6.5	5.6	4.3	5.6	3.8	7.3	5.0	5.1
KOREAN COMMON	3.9	4.0	3.8	4.8	2.9	4.4	5.3	2.1	6.3	4.8	4.2
Z-18	1.2	4.0	3.4	3.8	1.2	4.4	5.7	1.6	4.2	.	3.3
LSD VALUE	1.4	0.6	1.0	0.7	1.1	0.8	0.4	1.2	0.5	0.7	0.3
C.V. (%)	15.6	6.7	12.6	6.6	16.9	9.7	4.1	16.5	4.9	7.1	10.1

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 14B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN UNDER IRRIGATION TO PREVENT STRESS 1/  
1998 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
	AR1	CA3	FL1	FL3	IN1	KS1	LA1	MO1	SC1	TX1	MEAN
ZEN-400	5.1	4.9	5.1	6.8	5.7	6.1	5.8	5.6	7.0	5.5	5.7
J-37	4.8	4.6	4.1	6.4	5.7	5.8	5.9	5.7	6.9	5.5	5.6
J-36	4.8	.	4.3	6.5	5.3	5.5	5.6	4.6	6.6	5.5	5.4
CHINESE COMMON	3.8	4.6	3.7	6.2	5.1	5.9	5.8	4.6	6.7	5.5	5.2
ZENITH	4.6	4.8	3.3	5.9	4.6	5.3	5.9	4.3	6.8	5.5	5.1
ZEN-500	4.6	5.0	3.3	6.5	5.6	4.3	5.6	3.8	7.3	5.0	5.1
KOREAN COMMON	3.9	4.0	3.8	4.8	2.9	4.4	5.3	2.1	6.3	4.8	4.2
Z-18	1.2	4.0	3.4	3.8	1.2	4.4	5.7	1.6	4.2	.	3.3
LSD VALUE	1.1	0.5	1.0	1.0	1.2	0.7	0.5	1.2	0.7	0.9	0.3
C.V. (%)	16.3	6.4	15.9	10.6	16.8	8.8	5.5	19.0	6.5	10.1	11.5

TABLE 14C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN UNDER IRRIGATION TO PREVENT STRESS 1/  
1998 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
	AR1	CA3	FL1	FL3	IN1	KS1	LA1	MO1	SC1	TX1	MEAN
EMERALD	8.0	6.1	5.6	8.1	5.2	7.7	6.2	5.9	7.3	6.9	6.7
EL TORO	6.4	5.6	6.8	8.0	5.4	6.3	6.4	6.1	7.1	6.5	6.5
DALZ 9601	8.3	6.8	5.6	7.4	3.7	6.9	6.4	5.7	7.3	6.4	6.5
JAMUR	6.3	5.6	6.1	7.7	4.3	6.6	6.0	5.8	7.2	6.4	6.2
ZEON	7.9	6.5	5.7	7.7	3.1	6.3	6.4	4.6	6.8	6.5	6.1
DE ANZA	6.7	6.8	6.3	7.7	1.9	4.2	6.7	3.3	7.0	5.9	5.7
J-14	5.4	4.3	4.3	6.8	6.0	5.2	5.8	5.4	7.1	5.8	5.6
VICTORIA	6.2	6.9	6.1	7.9	1.3	4.0	6.4	3.7	7.2	6.4	5.6
MIYAKO	5.2	5.1	5.9	7.5	2.4	5.3	6.4	5.6	6.6	5.7	5.6
MEYER	6.9	4.6	2.7	5.4	5.6	5.4	5.8	4.9	6.3	5.2	5.3
HT-210	5.8	5.3	5.3	7.3	1.0	4.0	6.2	1.7	7.6	6.8	5.1
LSD VALUE	1.6	0.6	1.0	0.4	1.0	0.9	0.3	1.1	0.4	0.5	0.3
C.V. (%)	14.9	6.7	11.0	3.4	16.9	10.2	2.8	14.9	3.6	5.0	9.2

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

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

TABLE 15A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN UNDER IRRIGATION TO PREVENT DORMANCY 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	IL2	MS1	VA4	MEAN
DALZ 9601	6.9	8.8	7.7	7.4	7.7
ZEON	7.1	8.9	7.6	7.2	7.7
EMERALD	7.1	8.7	7.4	6.6	7.5
VICTORIA	7.3	7.7	6.8	7.3	7.3
HT-210	6.1	8.5	7.2	6.5	7.0
DE ANZA	7.1	5.9	6.4	6.8	6.6
MEYER	6.7	6.5	5.5	6.3	6.3
EL TORO	6.3	4.3	5.8	6.6	5.8
JAMUR	6.4	4.3	5.8	6.6	5.8
Z-18	6.1	.	5.4	5.4	5.6
J-14	5.8	5.7	5.2	5.7	5.6
ZENITH	6.6	4.7	5.0	5.6	5.5
ZEN-500	6.2	3.4	5.3	5.9	5.2
ZEN-400	6.1	3.1	5.3	5.7	5.0
J-37	5.9	3.2	5.2	5.8	5.0
J-36	5.9	3.5	5.0	5.4	4.9
MIYAKO	5.9	2.3	5.3	6.1	4.9
CHINESE COMMON	5.9	2.8	5.0	5.3	4.8
KOREAN COMMON	5.8	2.4	5.0	5.4	4.7
LSD VALUE	0.5	0.7	0.5	0.4	0.3
C.V. (%)	5.1	8.3	5.2	4.3	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 15B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN UNDER IRRIGATION TO PREVENT DORMANCY 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	IL2	MS1	VA4	MEAN
Z-18	6.1	.	5.4	5.4	5.6
ZENITH	6.6	4.7	5.0	5.6	5.5
ZEN-500	6.2	3.4	5.3	5.9	5.2
ZEN-400	6.1	3.1	5.3	5.7	5.0
J-37	5.9	3.2	5.2	5.8	5.0
J-36	5.9	3.5	5.0	5.4	4.9
CHINESE COMMON	5.9	2.8	5.0	5.3	4.8
KOREAN COMMON	5.8	2.4	5.0	5.4	4.7
LSD VALUE	0.6	0.7	0.4	0.3	0.3
C.V. (%)	6.0	13.2	4.9	3.7	6.4

TABLE 15C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN UNDER IRRIGATION TO PREVENT DORMANCY 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	IL2	MS1	VA4	MEAN
DALZ 9601	6.9	8.8	7.7	7.4	7.7
ZEON	7.1	8.9	7.6	7.2	7.7
EMERALD	7.1	8.7	7.4	6.6	7.5
VICTORIA	7.3	7.7	6.8	7.3	7.3
HT-210	6.1	8.5	7.2	6.5	7.0
DE ANZA	7.1	5.9	6.4	6.8	6.6
MEYER	6.7	6.5	5.5	6.3	6.3
EL TORO	6.3	4.3	5.8	6.6	5.8
JAMUR	6.4	4.3	5.8	6.6	5.8
J-14	5.8	5.7	5.2	5.7	5.6
MIYAKO	5.9	2.3	5.3	6.1	4.9
LSD VALUE	0.5	0.7	0.5	0.5	0.3
C.V. (%)	4.5	6.8	5.3	4.6	5.3

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 16A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
 GROWN UNDER NO IRRIGATION OR ONLY IRRIGATED DURING SEVERE STRESS 1/  
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KY1
ZENITH	8.2
ZEN-400	7.5
EL TORO	7.3
J-37	7.3
ZEN-500	7.2
J-36	7.1
J-14	7.1
CHINESE COMMON	6.7
MEYER	6.0
JAMUR	5.8
MIYAKO	4.7
KOREAN COMMON	4.1
EMERALD	2.5
Z-18	2.4
DALZ 9601	2.4
ZEON	1.8
LSD VALUE	1.7
C.V. (%)	16.3

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 16B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN UNDER NO IRRIGATION OR ONLY IRRIGATED DURING SEVERE STRESS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KY1
ZENITH	8.2
ZEN-400	7.5
J-37	7.3
ZEN-500	7.2
J-36	7.1
CHINESE COMMON	6.7
KOREAN COMMON	4.1
Z-18	2.4
LSD VALUE	0.5
C.V. (%)	5.3

TABLE 16C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN UNDER NO IRRIGATION OR ONLY IRRIGATED DURING SEVERE STRESS 1/  
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KY1
EL TORO	7.3
J-14	7.1
MEYER	6.0
JAMUR	5.8
MIYAKO	4.7
EMERALD	2.5
DALZ 9601	2.4
ZEON	1.8
LSD VALUE	2.8
C.V. (%)	29.5

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 17A.

GENETIC COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/														
	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KY1	LA1	MO1	MS1	SC1	TX1	VA4	MEAN
EMERALD	6.0	7.7	7.0	8.7	8.7	5.3	7.0	.	7.0	6.3	6.0	7.3	7.3	4.0	6.8
MEYER	7.3	8.0	6.3	8.0	5.7	6.0	6.3	.	7.7	6.0	6.7	8.0	7.7	3.7	6.7
ZENITH	7.3	7.0	4.7	8.0	6.0	6.7	7.0	7.7	7.0	6.7	7.3	6.0	6.3	3.0	6.5
ZEN-500	7.0	6.3	5.0	8.3	5.3	6.7	7.0	7.3	7.0	6.7	6.7	7.0	6.0	3.7	6.4
VICTORIA	6.3	7.3	5.3	8.0	7.7	6.0	6.0	.	7.0	6.3	6.0	6.0	7.0	3.0	6.3
DALZ 9601	5.7	7.7	5.0	7.7	8.0	5.0	7.0	.	6.0	6.0	6.0	6.0	7.3	4.0	6.3
ZEON	6.0	7.0	4.3	7.7	8.3	5.7	6.3	.	6.3	6.0	6.3	6.0	7.0	3.7	6.2
J-36	6.7	.	4.0	8.0	5.0	5.0	6.3	7.0	7.3	6.0	6.7	7.0	6.3	3.0	6.0
HT-210	6.7	6.3	6.0	8.3	7.7	6.7	.	.	6.3	1.0	6.0	7.0	7.3	2.7	6.0
DE ANZA	6.3	7.7	5.0	7.3	6.3	5.0	6.0	.	6.7	6.0	6.3	6.0	6.3	2.3	5.9
JAMUR	6.3	7.3	4.3	7.7	6.3	6.0	5.3	.	6.7	6.0	6.0	6.0	6.3	2.7	5.9
J-37	6.3	6.3	4.0	8.0	5.3	2.3	6.0	7.0	7.7	5.7	6.7	6.7	5.7	3.0	5.8
EL TORO	5.7	7.0	4.0	8.0	6.3	3.3	6.0	.	6.0	6.0	6.0	6.0	6.0	3.3	5.7
CHINESE COMMON	5.3	6.3	4.3	8.0	5.0	3.7	6.0	6.0	7.0	5.7	6.7	6.0	6.3	3.0	5.7
ZEN-400	5.7	6.0	3.7	7.7	5.0	3.3	6.0	8.3	7.0	5.7	6.3	6.0	5.3	3.0	5.6
J-14	6.3	5.3	4.7	8.0	4.3	2.7	6.0	.	6.7	6.3	6.3	7.0	6.0	3.0	5.6
KOREAN COMMON	6.0	5.7	3.7	8.0	5.0	2.3	6.0	5.0	7.3	2.3	6.3	6.0	6.3	3.3	5.2
MIYAKO	4.3	6.0	3.7	6.0	4.7	2.0	5.7	.	7.3	5.3	6.3	4.0	5.3	3.0	4.9
Z-18	1.0	5.0	4.7	7.7	4.3	.	6.0	7.0	7.3	1.0	6.0	5.0	.	2.3	4.8
LSD VALUE	1.0	1.0	1.0	0.7	1.1	1.5	0.7	0.6	1.6	1.1	0.7	0.3	1.2	0.6	0.3
C.V. (%)	10.7	9.8	12.6	5.9	10.9	20.1	6.7	5.1	14.7	13.2	7.2	3.0	11.2	12.7	10.7

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 17B.

GENETIC COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KY1	LA1	MO1	MS1	SC1	TX1	VA4	MEAN
ZENITH	7.3	7.0	4.7	8.0	6.0	6.7	7.0	7.7	7.0	6.7	7.3	6.0	6.3	3.0	6.5
ZEN-500	7.0	6.3	5.0	8.3	5.3	6.7	7.0	7.3	7.0	6.7	6.7	7.0	6.0	3.7	6.4
J-36	6.7	.	4.0	8.0	5.0	5.0	6.3	7.0	7.3	6.0	6.7	7.0	6.3	3.0	6.0
J-37	6.3	6.3	4.0	8.0	5.3	2.3	6.0	7.0	7.7	5.7	6.7	6.7	5.7	3.0	5.8
CHINESE COMMON	5.3	6.3	4.3	8.0	5.0	3.7	6.0	6.0	7.0	5.7	6.7	6.0	6.3	3.0	5.7
ZEN-400	5.7	6.0	3.7	7.7	5.0	3.3	6.0	8.3	7.0	5.7	6.3	6.0	5.3	3.0	5.6
KOREAN COMMON	6.0	5.7	3.7	8.0	5.0	2.3	6.0	5.0	7.3	2.3	6.3	6.0	6.3	3.3	5.2
Z-18	1.0	5.0	4.7	7.7	4.3	.	6.0	7.0	7.3	1.0	6.0	5.0	.	2.3	4.8
LSD VALUE	0.9	0.9	0.7	0.6	0.8	1.7	0.4	0.6	1.5	1.5	0.9	0.3	1.2	0.6	0.3
C.V. (%)	10.2	9.5	10.7	4.4	9.8	24.9	3.5	5.1	13.3	18.9	8.2	3.3	12.5	11.6	10.7

TABLE 17C.

GENETIC COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	LA1	MO1	MS1	SC1	TX1	VA4	MEAN
EMERALD	6.0	7.7	7.0	8.7	8.7	5.3	7.0	7.0	6.3	6.0	7.3	7.3	4.0	6.8
MEYER	7.3	8.0	6.3	8.0	5.7	6.0	6.3	7.7	6.0	6.7	8.0	7.7	3.7	6.7
VICTORIA	6.3	7.3	5.3	8.0	7.7	6.0	6.0	7.0	6.3	6.0	6.0	7.0	3.0	6.3
DALZ 9601	5.7	7.7	5.0	7.7	8.0	5.0	7.0	6.0	6.0	6.0	6.0	7.3	4.0	6.3
ZEON	6.0	7.0	4.3	7.7	8.3	5.7	6.3	6.3	6.0	6.3	6.0	7.0	3.7	6.2
HT-210	6.7	6.3	6.0	8.3	7.7	6.7	.	6.3	1.0	6.0	7.0	7.3	2.7	6.0
DE ANZA	6.3	7.7	5.0	7.3	6.3	5.0	6.0	6.7	6.0	6.3	6.0	6.3	2.3	5.9
JAMUR	6.3	7.3	4.3	7.7	6.3	6.0	5.3	6.7	6.0	6.0	6.0	6.3	2.7	5.9
EL TORO	5.7	7.0	4.0	8.0	6.3	3.3	6.0	6.0	6.0	6.0	6.0	6.0	3.3	5.7
J-14	6.3	5.3	4.7	8.0	4.3	2.7	6.0	6.7	6.3	6.3	7.0	6.0	3.0	5.6
MIYAKO	4.3	6.0	3.7	6.0	4.7	2.0	5.7	7.3	5.3	6.3	4.0	5.3	3.0	4.9
LSD VALUE	1.1	1.1	1.1	0.8	1.2	1.3	0.9	1.7	0.7	0.6	0.3	1.1	0.7	0.3
C.V. (%)	11.1	9.9	13.3	6.7	11.3	17.1	8.5	15.8	8.3	6.3	2.8	10.4	13.3	10.7

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 18A.

SPRING GREENUP RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	MO1	MS1	SC1	TX1	VA4	MEAN
EL TORO	7.7	7.3	6.3	3.3	5.7	5.7	6.7	4.7	.	5.0	6.3	5.3	8.7	6.3	6.1
DALZ 9601	8.7	7.3	5.7	4.3	4.7	5.0	7.0	5.0	.	3.7	6.0	5.7	7.7	7.7	6.0
J-37	8.0	6.7	4.0	2.3	5.7	6.0	7.0	6.0	8.0	6.7	7.7	4.3	7.7	4.3	6.0
EMERALD	8.3	8.0	4.7	4.0	4.7	6.3	7.0	5.7	.	3.7	6.3	6.7	6.3	6.0	6.0
ZEN-400	6.7	6.7	5.0	2.0	7.7	4.0	7.0	6.0	5.7	6.3	7.7	5.0	8.3	4.3	5.9
JAMUR	8.3	7.0	5.7	3.3	6.0	4.7	7.0	4.3	.	4.7	5.3	5.3	8.3	5.3	5.8
VICTORIA	7.0	7.0	5.3	5.7	6.3	5.7	.	4.0	.	2.0	5.0	6.7	7.0	7.7	5.8
J-36	8.0	.	3.7	3.3	7.0	5.7	7.0	6.0	5.3	3.7	6.3	5.0	8.3	4.3	5.7
MEYER	8.3	6.7	2.7	3.3	5.0	5.3	6.7	5.3	.	4.3	5.7	7.0	8.0	5.0	5.6
ZEON	8.0	7.7	5.3	4.0	5.0	5.7	6.3	4.7	.	2.0	6.3	5.3	6.3	6.7	5.6
CHINESE COMMON	8.3	6.3	3.3	2.0	6.7	5.7	7.7	6.3	5.3	4.0	7.0	4.3	8.7	3.0	5.6
J-14	6.7	5.3	4.0	3.7	5.7	6.3	6.3	5.3	.	4.7	5.7	5.3	6.0	4.7	5.4
ZEN-500	6.3	6.3	4.0	2.7	6.0	4.3	6.7	5.3	5.3	3.0	7.7	5.0	8.0	4.3	5.4
ZENITH	6.3	6.3	3.0	3.0	5.0	4.3	6.7	6.0	5.0	3.0	7.3	4.3	7.7	4.0	5.1
KOREAN COMMON	6.3	7.0	3.7	2.0	7.3	4.7	6.5	5.0	4.7	1.3	7.0	4.7	8.0	3.3	5.1
DE ANZA	5.3	6.3	5.7	6.3	4.0	5.0	4.5	3.0	.	1.7	4.0	6.3	6.3	7.3	5.1
MIYAKO	6.3	5.7	5.7	6.3	4.0	3.7	5.3	4.0	.	4.0	3.3	4.3	5.0	8.0	5.1
HT-210	5.7	7.7	5.0	3.7	3.3	3.0	.	5.3	.	1.7	2.7	5.7	2.7	7.7	4.5
Z-18	1.0	6.0	3.7	2.7	2.7	.	.	5.0	1.0	1.0	2.3	3.0	.	7.7	3.3
LSD VALUE	1.5	0.9	1.2	1.1	1.2	2.3	1.1	1.0	0.9	2.1	1.3	0.8	1.9	1.5	0.4
C.V. (%)	13.5	8.1	17.0	19.6	13.9	27.7	9.7	12.7	11.5	38.1	14.1	9.5	16.4	16.0	16.4

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

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



TABLE 18B.

SPRING GREENUP RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	MO1	MS1	SC1	TX1	VA4	MEAN
J-37	8.0	6.7	4.0	2.3	5.7	6.0	7.0	6.0	8.0	6.7	7.7	4.3	7.7	4.3	6.0
ZEN-400	6.7	6.7	5.0	2.0	7.7	4.0	7.0	6.0	5.7	6.3	7.7	5.0	8.3	4.3	5.9
J-36	8.0	.	3.7	3.3	7.0	5.7	7.0	6.0	5.3	3.7	6.3	5.0	8.3	4.3	5.7
CHINESE COMMON	8.3	6.3	3.3	2.0	6.7	5.7	7.7	6.3	5.3	4.0	7.0	4.3	8.7	3.0	5.6
ZEN-500	6.3	6.3	4.0	2.7	6.0	4.3	6.7	5.3	5.3	3.0	7.7	5.0	8.0	4.3	5.4
ZENITH	6.3	6.3	3.0	3.0	5.0	4.3	6.7	6.0	5.0	3.0	7.3	4.3	7.7	4.0	5.1
KOREAN COMMON	6.3	7.0	3.7	2.0	7.3	4.7	6.5	5.0	4.7	1.3	7.0	4.7	8.0	3.3	5.1
Z-18	1.0	6.0	3.7	2.7	2.7	.	.	5.0	1.0	1.0	2.3	3.0	.	7.7	3.3
LSD VALUE	1.6	1.0	1.2	1.0	1.2	2.9	1.0	0.7	0.9	2.3	1.1	0.7	1.4	1.7	0.4
C.V. (%)	15.4	9.5	19.4	25.8	12.7	36.3	8.5	8.0	11.5	39.4	10.7	9.2	11.1	24.0	17.1

TABLE 18C.

SPRING GREENUP RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	MO1	MS1	SC1	TX1	VA4	MEAN
EL TORO	7.7	7.3	6.3	3.3	5.7	5.7	6.7	4.7	5.0	6.3	5.3	8.7	6.3	6.1
DALZ 9601	8.7	7.3	5.7	4.3	4.7	5.0	7.0	5.0	3.7	6.0	5.7	7.7	7.7	6.0
EMERALD	8.3	8.0	4.7	4.0	4.7	6.3	7.0	5.7	3.7	6.3	6.7	6.3	6.0	6.0
JAMUR	8.3	7.0	5.7	3.3	6.0	4.7	7.0	4.3	4.7	5.3	5.3	8.3	5.3	5.8
VICTORIA	7.0	7.0	5.3	5.7	6.3	5.7	.	4.0	2.0	5.0	6.7	7.0	7.7	5.8
MEYER	8.3	6.7	2.7	3.3	5.0	5.3	6.7	5.3	4.3	5.7	7.0	8.0	5.0	5.6
ZEON	8.0	7.7	5.3	4.0	5.0	5.7	6.3	4.7	2.0	6.3	5.3	6.3	6.7	5.6
J-14	6.7	5.3	4.0	3.7	5.7	6.3	6.3	5.3	4.7	5.7	5.3	6.0	4.7	5.4
DE ANZA	5.3	6.3	5.7	6.3	4.0	5.0	4.5	3.0	1.7	4.0	6.3	6.3	7.3	5.1
MIYAKO	6.3	5.7	5.7	6.3	4.0	3.7	5.3	4.0	4.0	3.3	4.3	5.0	8.0	5.1
HT-210	5.7	7.7	5.0	3.7	3.3	3.0	.	5.3	1.7	2.7	5.7	2.7	7.7	4.5
LSD VALUE	1.5	0.8	1.3	1.2	1.2	1.7	1.1	1.2	2.0	1.4	0.9	2.1	1.3	0.4
C.V. (%)	12.4	7.1	15.7	16.9	15.0	21.0	10.7	16.3	37.0	17.2	9.5	20.2	11.8	15.9

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 19A.

LEAF TEXTURE RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

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

NAME	AR1	CA3	FL1	FL3	GAL	IL2	IN1	KS1	KY1	LA1	MO1	MS1	SC1	TX1	VA4	MEAN
ZEON	8.3	8.3	7.3	7.7	8.7	9.0	8.3	8.0	.	8.0	7.3	8.0	7	8.0	9.0	8.1
DALZ 9601	8.3	8.0	7.3	8.0	8.7	9.0	8.3	8.3	.	8.0	6.7	8.0	7	8.0	9.0	8.0
EMERALD	7.3	8.0	6.3	8.0	8.0	9.0	8.3	8.3	.	8.0	7.3	8.3	7	8.0	9.0	7.9
HT-210	9.0	8.7	7.3	7.7	9.0	9.0	.	5.0	.	8.0	1.0	8.0	7	9.0	9.0	7.5
MEYER	5.7	6.7	4.7	7.3	7.0	7.0	6.7	7.0	.	6.0	6.0	6.0	5	6.0	8.0	6.4
VICTORIA	7.0	7.0	5.0	7.3	8.0	8.0	5.0	6.0	.	5.7	5.3	6.7	5	5.0	7.7	6.3
DE ANZA	6.0	7.0	5.3	7.0	7.3	7.7	6.0	6.0	.	6.0	5.3	6.0	5	5.3	7.7	6.3
Z-18	2.3	9.0	7.3	5.7	9.0	.	3.0	5.0	6.3	7.0	1.0	6.3	7	.	8.0	5.9
ZENITH	4.3	6.7	4.7	6.3	5.0	4.7	4.3	5.7	8.3	5.3	6.0	5.7	3	3.3	7.7	5.4
J-14	4.3	6.3	4.0	5.7	5.7	5.3	6.0	4.0	.	5.3	5.3	5.3	3	4.3	6.3	5.1
JAMUR	4.0	6.0	4.0	7.0	6.3	6.7	3.7	5.7	.	5.0	4.0	5.7	3	2.7	6.0	5.0
EL TORO	3.3	6.0	4.0	6.7	6.0	6.0	4.7	5.3	.	5.0	4.7	6.0	3	3.0	5.7	5.0
ZEN-400	3.7	5.7	4.3	6.3	4.3	4.0	4.0	5.7	7.3	5.0	5.0	5.3	3	3.0	6.7	4.9
ZEN-500	3.7	6.3	4.0	7.0	4.3	2.7	4.7	5.3	6.7	4.7	5.0	5.3	3	3.3	7.0	4.9
J-37	4.3	5.3	3.7	7.0	4.0	3.3	4.0	4.7	5.7	4.3	4.7	5.0	3	2.0	7.0	4.5
CHINESE COMMON	4.0	6.0	3.3	7.0	4.7	2.7	3.7	5.0	4.0	5.0	4.7	5.0	3	2.0	6.3	4.4
MIYAKO	3.3	4.7	3.7	7.0	5.7	4.0	3.0	5.0	.	4.0	3.7	5.0	3	2.0	5.7	4.3
J-36	3.7	.	3.7	4.7	4.0	3.7	3.0	5.0	5.0	4.7	4.0	5.0	3	2.0	6.0	4.1
KOREAN COMMON	3.7	5.0	3.7	2.3	4.0	2.0	2.7	4.7	3.0	4.0	2.3	5.3	3	2.3	6.0	3.6
LSD VALUE	1.5	1.0	0.8	2.0	0.6	1.0	1.4	1.2	0.7	0.5	1.1	0.6	0	0.8	0.7	0.3
C.V. (%)	17.9	9.3	10.1	18.6	6.3	11.3	15.6	13.2	7.9	5.7	14.4	6.5	0	12.0	6.1	11.4

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 19B.

LEAF TEXTURE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/															
	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MO1	MS1	SC1	TX1	VA4	MEAN
Z-18	2.3	9.0	7.3	5.7	9.0	.	3.0	5.0	6.3	7.0	1.0	6.3	7	.	8.0	5.9
ZENITH	4.3	6.7	4.7	6.3	5.0	4.7	4.3	5.7	8.3	5.3	6.0	5.7	3	3.3	7.7	5.4
ZEN-400	3.7	5.7	4.3	6.3	4.3	4.0	4.0	5.7	7.3	5.0	5.0	5.3	3	3.0	6.7	4.9
ZEN-500	3.7	6.3	4.0	7.0	4.3	2.7	4.7	5.3	6.7	4.7	5.0	5.3	3	3.3	7.0	4.9
J-37	4.3	5.3	3.7	7.0	4.0	3.3	4.0	4.7	5.7	4.3	4.7	5.0	3	2.0	7.0	4.5
CHINESE COMMON	4.0	6.0	3.3	7.0	4.7	2.7	3.7	5.0	4.0	5.0	4.7	5.0	3	2.0	6.3	4.4
J-36	3.7	.	3.7	4.7	4.0	3.7	3.0	5.0	5.0	4.7	4.0	5.0	3	2.0	6.0	4.1
KOREAN COMMON	3.7	5.0	3.7	2.3	4.0	2.0	2.7	4.7	3.0	4.0	2.3	5.3	3	2.3	6.0	3.6
LSD VALUE	1.8	0.9	0.9	2.9	0.6	1.3	1.4	1.2	0.7	0.7	1.4	0.7	0	1.2	0.6	0.3
C.V. (%)	30.6	9.2	12.5	30.9	7.2	24.8	21.5	14.9	7.9	8.2	21.2	8.5	0	29.4	5.2	16.6

TABLE 19C.

LEAF TEXTURE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/														
	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	LA1	MO1	MS1	SC1	TX1	VA4	MEAN
ZEON	8.3	8.3	7.3	7.7	8.7	9.0	8.3	8.0	8.0	7.3	8.0	7	8.0	9.0	8.1
DALZ 9601	8.3	8.0	7.3	8.0	8.7	9.0	8.3	8.3	8.0	6.7	8.0	7	8.0	9.0	8.0
EMERALD	7.3	8.0	6.3	8.0	8.0	9.0	8.3	8.3	8.0	7.3	8.3	7	8.0	9.0	7.9
HT-210	9.0	8.7	7.3	7.7	9.0	9.0	.	5.0	8.0	1.0	8.0	7	9.0	9.0	7.5
MEYER	5.7	6.7	4.7	7.3	7.0	7.0	6.7	7.0	6.0	6.0	6.0	5	6.0	8.0	6.4
VICTORIA	7.0	7.0	5.0	7.3	8.0	8.0	5.0	6.0	5.7	5.3	6.7	5	5.0	7.7	6.3
DE ANZA	6.0	7.0	5.3	7.0	7.3	7.7	6.0	6.0	6.0	5.3	6.0	5	5.3	7.7	6.3
J-14	4.3	6.3	4.0	5.7	5.7	5.3	6.0	4.0	5.3	5.3	5.3	3	4.3	6.3	5.1
JAMUR	4.0	6.0	4.0	7.0	6.3	6.7	3.7	5.7	5.0	4.0	5.7	3	2.7	6.0	5.0
EL TORO	3.3	6.0	4.0	6.7	6.0	6.0	4.7	5.3	5.0	4.7	6.0	3	3.0	5.7	5.0
MIYAKO	3.3	4.7	3.7	7.0	5.7	4.0	3.0	5.0	4.0	3.7	5.0	3	2.0	5.7	4.3
LSD VALUE	1.1	1.0	0.7	0.8	0.7	0.8	1.4	1.2	0.4	0.8	0.6	0	0.5	0.8	0.2
C.V. (%)	11.5	9.3	8.6	7.2	5.8	7.1	12.8	12.2	3.9	9.6	5.2	0	5.4	6.5	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 20A. SPRING DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

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

NAME	CA3	FL1	LA1	SC1	MEAN
HT-210	9.0	8.0	8.7	7.3	8.3
DALZ 9601	9.0	7.7	8.0	6.3	7.8
EMERALD	9.0	7.7	8.0	6.3	7.8
ZEON	9.0	7.7	8.0	6.0	7.7
VICTORIA	7.7	7.0	8.0	6.0	7.2
DE ANZA	7.7	7.0	8.0	5.0	6.9
JAMUR	7.3	6.7	8.0	5.0	6.8
EL TORO	7.0	7.0	8.0	4.7	6.7
J-37	7.3	5.7	8.0	4.7	6.4
ZEN-400	6.7	6.0	8.0	5.0	6.4
J-14	7.7	5.3	7.0	5.0	6.3
ZENITH	7.7	4.0	8.0	5.0	6.2
Z-18	7.3	4.3	8.0	5.0	6.2
ZEN-500	7.3	4.7	7.3	5.0	6.1
MIYAKO	5.7	6.3	8.0	4.0	6.0
CHINESE COMMON	6.7	5.0	7.7	4.3	5.9
J-36	.	5.0	7.7	4.7	5.8
MEYER	5.3	3.3	8.3	5.7	5.7
KOREAN COMMON	6.0	4.3	7.0	4.0	5.3
LSD VALUE	1.4	1.1	0.7	1.0	0.5
C.V. (%)	11.9	11.4	5.6	11.4	10.1

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 20B. SPRING DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	CA3	FL1	LA1	SC1	MEAN
J-37	7.3	5.7	8.0	4.7	6.4
ZEN-400	6.7	6.0	8.0	5.0	6.4
ZENITH	7.7	4.0	8.0	5.0	6.2
Z-18	7.3	4.3	8.0	5.0	6.2
ZEN-500	7.3	4.7	7.3	5.0	6.1
CHINESE COMMON	6.7	5.0	7.7	4.3	5.9
J-36	.	5.0	7.7	4.7	5.8
KOREAN COMMON	6.0	4.3	7.0	4.0	5.3
LSD VALUE	1.2	1.2	0.6	1.1	0.5
C.V. (%)	10.8	15.1	4.6	15.0	10.9

TABLE 20C. SPRING DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	CA3	FL1	LA1	SC1	MEAN
HT-210	9.0	8.0	8.7	7.3	8.3
DALZ 9601	9.0	7.7	8.0	6.3	7.8
EMERALD	9.0	7.7	8.0	6.3	7.8
ZEON	9.0	7.7	8.0	6.0	7.7
VICTORIA	7.7	7.0	8.0	6.0	7.2
DE ANZA	7.7	7.0	8.0	5.0	6.9
JAMUR	7.3	6.7	8.0	5.0	6.8
EL TORO	7.0	7.0	8.0	4.7	6.7
J-14	7.7	5.3	7.0	5.0	6.3
MIYAKO	5.7	6.3	8.0	4.0	6.0
MEYER	5.3	3.3	8.3	5.7	5.7
LSD VALUE	1.5	1.0	0.8	0.8	0.5
C.V. (%)	12.4	9.4	6.2	8.8	9.6

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

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

TABLE 21A. SUMMER DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/							MEAN
	ARI	CA3	FL1	GA1	LA1	MO1	TX1	
EMERALD	8.7	8.7	8.0	8.0	9.0	7.0	9.0	8.3
HT-210	8.7	9.0	8.0	8.0	8.7	5.3	9.0	8.1
ZEON	8.3	9.0	7.3	8.0	8.0	7.3	8.3	8.0
DALZ 9601	9.0	9.0	7.0	8.0	8.0	7.0	8.3	8.0
VICTORIA	6.0	9.0	7.0	7.3	8.0	6.0	7.7	7.3
DE ANZA	6.7	8.0	7.0	7.0	8.3	6.0	7.3	7.2
EL TORO	7.3	7.7	7.0	6.0	8.0	6.3	7.3	7.1
JAMUR	7.0	7.7	6.3	6.0	8.0	6.7	7.7	7.0
MEYER	6.7	7.3	3.0	7.0	8.0	6.7	7.3	6.6
J-14	6.0	5.7	5.3	6.7	7.3	6.0	7.3	6.3
MIYAKO	5.3	7.0	6.0	6.3	7.3	5.0	6.0	6.1
ZEN-400	5.0	7.0	5.7	6.3	8.0	5.0	6.0	6.1
ZENITH	5.3	7.3	4.3	7.0	7.3	5.0	6.0	6.0
J-37	4.7	7.0	5.0	6.0	7.7	5.0	6.7	6.0
CHINESE COMMON	4.0	7.0	4.7	5.7	8.0	4.7	6.7	5.8
J-36	4.7	.	4.7	6.3	7.7	4.0	6.0	5.6
ZEN-500	4.3	7.0	4.3	6.0	7.7	3.7	5.3	5.5
Z-18	0.7	7.0	5.3	8.7	8.0	2.0	.	5.3
KOREAN COMMON	4.3	6.3	4.3	5.3	7.3	2.0	6.0	5.1
LSD VALUE	1.2	1.0	1.0	0.8	0.7	2.0	1.0	0.4
C.V. (%)	12.4	7.8	10.7	7.3	5.8	23.5	9.2	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 21B. SUMMER DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/							
	AR1	CA3	FL1	GA1	LA1	MO1	TX1	MEAN
ZEN-400	5.0	7.0	5.7	6.3	8.0	5.0	6.0	6.1
ZENITH	5.3	7.3	4.3	7.0	7.3	5.0	6.0	6.0
J-37	4.7	7.0	5.0	6.0	7.7	5.0	6.7	6.0
CHINESE COMMON	4.0	7.0	4.7	5.7	8.0	4.7	6.7	5.8
J-36	4.7	.	4.7	6.3	7.7	4.0	6.0	5.6
ZEN-500	4.3	7.0	4.3	6.0	7.7	3.7	5.3	5.5
Z-18	0.7	7.0	5.3	8.7	8.0	2.0	.	5.3
KOREAN COMMON	4.3	6.3	4.3	5.3	7.3	2.0	6.0	5.1
LSD VALUE	1.3	0.8	1.0	1.1	0.7	1.8	1.2	0.5
C.V. (%)	19.2	7.0	13.5	10.6	5.9	28.1	12.4	12.9

TABLE 21C. SUMMER DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/							
	AR1	CA3	FL1	GA1	LA1	MO1	TX1	MEAN
EMERALD	8.7	8.7	8.0	8.0	9.0	7.0	9.0	8.3
HT-210	8.7	9.0	8.0	8.0	8.7	5.3	9.0	8.1
ZEON	8.3	9.0	7.3	8.0	8.0	7.3	8.3	8.0
DALZ 9601	9.0	9.0	7.0	8.0	8.0	7.0	8.3	8.0
VICTORIA	6.0	9.0	7.0	7.3	8.0	6.0	7.7	7.3
DE ANZA	6.7	8.0	7.0	7.0	8.3	6.0	7.3	7.2
EL TORO	7.3	7.7	7.0	6.0	8.0	6.3	7.3	7.1
JAMUR	7.0	7.7	6.3	6.0	8.0	6.7	7.7	7.0
MEYER	6.7	7.3	3.0	7.0	8.0	6.7	7.3	6.6
J-14	6.0	5.7	5.3	6.7	7.3	6.0	7.3	6.3
MIYAKO	5.3	7.0	6.0	6.3	7.3	5.0	6.0	6.1
LSD VALUE	1.1	1.0	1.0	0.5	0.7	2.2	0.9	0.4
C.V. (%)	9.6	8.1	9.2	4.2	5.7	21.2	7.4	10.0

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 22A. FALL DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

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

NAME	AR1	FL1	LA1	SC1	TX1	TX3	MEAN
HT-210	9.0	8.3	9.0	6.0	8.0	9.0	8.2
EMERALD	8.7	9.0	9.0	5.3	8.0	9.0	8.2
DALZ 9601	9.0	8.3	8.0	5.0	7.7	8.3	7.7
ZEON	9.0	8.0	8.3	4.7	7.7	8.7	7.7
VICTORIA	7.0	6.7	8.0	5.0	7.7	8.7	7.2
EL TORO	6.7	7.0	8.0	4.3	7.7	8.0	6.9
JAMUR	8.0	6.3	7.7	4.0	7.3	8.0	6.9
J-14	6.7	6.0	8.3	4.0	7.3	8.0	6.7
DE ANZA	6.7	7.0	7.7	4.7	6.7	7.3	6.7
ZENITH	5.7	5.0	8.0	5.0	6.3	8.0	6.3
MEYER	7.0	3.7	8.7	5.0	6.3	7.0	6.3
MIYAKO	5.3	6.0	7.3	3.0	6.7	8.3	6.1
J-37	5.0	5.3	8.0	3.7	6.3	8.0	6.1
J-36	5.3	5.0	8.0	3.7	5.3	8.0	5.9
ZEN-400	5.7	5.7	8.0	4.0	6.3	5.3	5.8
ZEN-500	4.7	4.3	8.0	4.0	6.0	8.0	5.8
CHINESE COMMON	4.3	5.0	7.7	3.7	5.7	7.7	5.7
KOREAN COMMON	4.3	4.7	7.7	3.3	5.7	6.7	5.4
Z-18	1.0	6.3	8.0	5.0	.	6.0	5.3
LSD VALUE	1.2	1.0	0.6	0.6	1.7	2.7	0.6
C.V. (%)	12.0	10.0	4.6	8.5	15.8	21.4	14.1

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 22B. FALL DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/							
NAME	AR1	FL1	LA1	SC1	TX1	TX3	MEAN
ZENITH	5.7	5.0	8.0	5.0	6.3	8.0	6.3
J-37	5.0	5.3	8.0	3.7	6.3	8.0	6.1
J-36	5.3	5.0	8.0	3.7	5.3	8.0	5.9
ZEN-400	5.7	5.7	8.0	4.0	6.3	5.3	5.8
ZEN-500	4.7	4.3	8.0	4.0	6.0	8.0	5.8
CHINESE COMMON	4.3	5.0	7.7	3.7	5.7	7.7	5.7
KOREAN COMMON	4.3	4.7	7.7	3.3	5.7	6.7	5.4
Z-18	1.0	6.3	8.0	5.0	.	6.0	5.3
LSD VALUE	1.5	1.1	0.5	0.7	1.9	4.0	0.8
C.V. (%)	20.8	13.1	3.6	10.1	20.1	34.3	21.3

TABLE 22C. FALL DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/							
NAME	AR1	FL1	LA1	SC1	TX1	TX3	MEAN
HT-210	9.0	8.3	9.0	6.0	8.0	9.0	8.2
EMERALD	8.7	9.0	9.0	5.3	8.0	9.0	8.2
DALZ 9601	9.0	8.3	8.0	5.0	7.7	8.3	7.7
ZEON	9.0	8.0	8.3	4.7	7.7	8.7	7.7
VICTORIA	7.0	6.7	8.0	5.0	7.7	8.7	7.2
EL TORO	6.7	7.0	8.0	4.3	7.7	8.0	6.9
JAMUR	8.0	6.3	7.7	4.0	7.3	8.0	6.9
J-14	6.7	6.0	8.3	4.0	7.3	8.0	6.7
DE ANZA	6.7	7.0	7.7	4.7	6.7	7.3	6.7
MEYER	7.0	3.7	8.7	5.0	6.3	7.0	6.3
MIYAKO	5.3	6.0	7.3	3.0	6.7	8.3	6.1
LSD VALUE	0.9	0.9	0.7	0.6	1.6	0.9	0.4
C.V. (%)	7.7	8.3	5.2	7.5	13.6	7.0	8.7

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 23A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/							
NAME	AR1	FL1	IN1	MO1	SC1	VA4	MEAN
EL TORO	.	68.0	81.7	91.3	90.0	97.7	85.7
ZEN-400	65.0	62.7	84.7	96.0	99.0	99.0	84.4
EMERALD	87.5	77.3	68.3	78.3	88.3	95.0	82.5
CHINESE COMMON	80.0	50.0	91.7	74.7	99.0	97.7	82.2
J-14	75.0	51.3	91.7	83.0	91.3	99.0	81.9
J-37	57.5	54.0	94.3	86.0	99.0	99.0	81.6
DALZ 9601	95.0	77.3	36.7	70.0	99.0	99.0	79.5
J-36	82.5	50.0	82.7	63.3	99.0	94.3	78.6
JAMUR	.	64.7	51.7	85.0	93.0	97.7	78.4
ZEN-500	65.0	46.0	86.7	56.7	99.0	99.0	75.4
MIYAKO	95.0	64.0	7.7	83.3	99.0	94.7	73.9
MEYER	87.5	31.3	75.0	60.0	88.3	90.0	72.0
ZEON	88.3	77.3	28.3	41.7	88.0	96.3	70.0
DE ANZA	90.0	68.7	4.3	38.3	99.0	88.0	64.7
ZENITH	26.7	40.7	53.3	51.7	99.0	97.7	61.5
VICTORIA	53.3	67.3	0.0	31.7	83.3	97.7	55.6
KOREAN COMMON	25.0	45.3	25.3	14.0	99.0	99.0	51.3
HT-210	36.7	80.7	0.0	5.0	97.7	80.0	50.0
Z-18	0.0	46.7	0.0	3.3	89.7	38.3	29.7
LSD VALUE	57.5	10.8	19.6	27.0	7.1	8.4	9.2
C.V. (%)	44.7	11.3	24.0	28.7	4.7	5.7	19.4

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 23B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	FL1	IN1	MO1	SC1	VA4	MEAN
ZEN-400	65.0	62.7	84.7	96.0	99.0	99.0	84.4
CHINESE COMMON	80.0	50.0	91.7	74.7	99.0	97.7	82.2
J-37	57.5	54.0	94.3	86.0	99.0	99.0	81.6
J-36	82.5	50.0	82.7	63.3	99.0	94.3	78.6
ZEN-500	65.0	46.0	86.7	56.7	99.0	99.0	75.4
ZENITH	26.7	40.7	53.3	51.7	99.0	97.7	61.5
KOREAN COMMON	25.0	45.3	25.3	14.0	99.0	99.0	51.3
Z-18	0.0	46.7	0.0	3.3	89.7	38.3	29.7
LSD VALUE	53.0	11.5	19.1	32.0	5.4	8.7	10.5
C.V. (%)	61.8	14.5	18.3	35.8	3.4	6.0	23.3

TABLE 23C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	FL1	IN1	MO1	SC1	VA4	MEAN
EL TORO	.	68.0	81.7	91.3	90.0	97.7	85.7
EMERALD	87.5	77.3	68.3	78.3	88.3	95.0	82.5
J-14	75.0	51.3	91.7	83.0	91.3	99.0	81.9
DALZ 9601	95.0	77.3	36.7	70.0	99.0	99.0	79.5
JAMUR	.	64.7	51.7	85.0	93.0	97.7	78.4
MIYAKO	95.0	64.0	7.7	83.3	99.0	94.7	73.9
MEYER	87.5	31.3	75.0	60.0	88.3	90.0	72.0
ZEON	88.3	77.3	28.3	41.7	88.0	96.3	70.0
DE ANZA	90.0	68.7	4.3	38.3	99.0	88.0	64.7
VICTORIA	53.3	67.3	0.0	31.7	83.3	97.7	55.6
HT-210	36.7	80.7	0.0	5.0	97.7	80.0	50.0
LSD VALUE	56.6	10.2	20.0	22.7	8.1	8.2	7.9
C.V. (%)	33.0	9.6	30.6	23.2	5.5	5.4	16.1

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 24A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/						
NAME	AR1	FL1	IL2	MO1	SC1	MEAN
EL TORO	99.0	70.0	98.7	97.7	95.0	92.1
EMERALD	99.0	78.0	86.7	96.3	95.0	91.0
MIYAKO	99.0	60.7	93.7	97.7	99.0	90.0
J-14	99.0	52.7	98.0	96.3	96.3	88.5
J-37	99.0	49.3	91.7	97.7	99.0	87.3
ZEN-400	96.0	56.0	83.0	99.0	99.0	86.6
DALZ 9601	99.0	70.0	70.0	78.0	99.0	83.2
J-36	97.7	45.3	77.3	88.3	99.0	81.5
CHINESE COMMON	92.7	47.3	87.3	79.3	99.0	81.1
JAMUR	99.0	64.0	39.0	96.3	97.7	79.2
DE ANZA	97.7	69.3	73.7	45.0	99.0	76.9
ZEON	97.7	73.3	50.3	68.3	94.7	76.9
MEYER	97.7	29.3	90.0	71.7	95.0	76.7
ZEN-500	92.7	42.0	52.7	73.3	99.0	71.9
ZENITH	94.7	41.3	58.3	51.7	99.0	69.0
KOREAN COMMON	78.3	45.3	80.0	28.3	99.0	66.2
VICTORIA	94.7	67.3	15.0	50.0	95.0	64.4
HT-210	78.0	80.7	9.7	6.7	99.0	54.8
Z-18	0.0	52.7	.	8.3	89.7	37.7
LSD VALUE	16.6	8.4	29.2	31.6	4.1	9.4
C.V. (%)	11.5	9.1	26.1	28.0	2.6	16.9

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 24B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/						
NAME	AR1	FL1	IL2	MO1	SC1	MEAN
J-37	99.0	49.3	91.7	97.7	99.0	87.3
ZEN-400	96.0	56.0	83.0	99.0	99.0	86.6
J-36	97.7	45.3	77.3	88.3	99.0	81.5
CHINESE COMMON	92.7	47.3	87.3	79.3	99.0	81.1
ZEN-500	92.7	42.0	52.7	73.3	99.0	71.9
ZENITH	94.7	41.3	58.3	51.7	99.0	69.0
KOREAN COMMON	78.3	45.3	80.0	28.3	99.0	66.2
Z-18	0.0	52.7	.	8.3	89.7	37.7
LSD VALUE	17.1	9.1	35.1	35.0	5.4	10.7
C.V. (%)	13.0	11.9	28.8	33.1	3.4	19.9

TABLE 24C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/						
NAME	AR1	FL1	IL2	MO1	SC1	MEAN
EL TORO	99.0	70.0	98.7	97.7	95.0	92.1
EMERALD	99.0	78.0	86.7	96.3	95.0	91.0
MIYAKO	99.0	60.7	93.7	97.7	99.0	90.0
J-14	99.0	52.7	98.0	96.3	96.3	88.5
DALZ 9601	99.0	70.0	70.0	78.0	99.0	83.2
JAMUR	99.0	64.0	39.0	96.3	97.7	79.2
DE ANZA	97.7	69.3	73.7	45.0	99.0	76.9
ZEON	97.7	73.3	50.3	68.3	94.7	76.9
MEYER	97.7	29.3	90.0	71.7	95.0	76.7
VICTORIA	94.7	67.3	15.0	50.0	95.0	64.4
HT-210	78.0	80.7	9.7	6.7	99.0	54.8
LSD VALUE	16.3	7.8	24.8	28.8	2.7	8.4
C.V. (%)	10.5	7.5	23.4	24.5	1.7	14.8

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 25A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	FL1	SC1	TX3	MEAN
HT-210	84.3	99.0	97.7	93.7
EMERALD	86.7	99.0	94.7	93.4
ZEON	81.0	99.0	97.7	92.6
DALZ 9601	80.0	99.0	97.7	92.2
EL TORO	67.7	99.0	97.7	88.1
VICTORIA	66.3	99.0	97.7	87.7
JAMUR	63.7	99.0	99.0	87.2
DE ANZA	66.7	99.0	94.7	86.8
MIYAKO	59.3	99.0	99.0	85.8
J-14	58.7	99.0	94.7	84.1
J-37	51.0	99.0	97.7	82.6
CHINESE COMMON	50.3	99.0	94.7	81.3
J-36	47.7	99.0	96.0	80.9
ZENITH	46.7	99.0	92.7	79.4
ZEN-500	42.7	99.0	91.3	77.7
MEYER	35.3	99.0	96.3	76.9
ZEN-400	54.3	99.0	64.7	72.7
KOREAN COMMON	46.3	99.0	58.3	67.9
Z-18	61.3	89.7	5.0	52.0
LSD VALUE	9.4	3.5	25.5	9.1
C.V. (%)	9.7	2.2	18.1	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 25B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	FL1	SC1	TX3	MEAN
J-37	51.0	99.0	97.7	82.6
CHINESE COMMON	50.3	99.0	94.7	81.3
J-36	47.7	99.0	96.0	80.9
ZENITH	46.7	99.0	92.7	79.4
ZEN-500	42.7	99.0	91.3	77.7
ZEN-400	54.3	99.0	64.7	72.7
KOREAN COMMON	46.3	99.0	58.3	67.9
Z-18	61.3	89.7	5.0	52.0
LSD VALUE	9.7	5.4	39.0	13.5
C.V. (%)	12.0	3.4	32.3	19.6

TABLE 25C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	FL1	SC1	TX3	MEAN
HT-210	84.3	99	97.7	93.7
EMERALD	86.7	99	94.7	93.4
ZEON	81.0	99	97.7	92.6
DALZ 9601	80.0	99	97.7	92.2
EL TORO	67.7	99	97.7	88.1
VICTORIA	66.3	99	97.7	87.7
JAMUR	63.7	99	99.0	87.2
DE ANZA	66.7	99	94.7	86.8
MIYAKO	59.3	99	99.0	85.8
J-14	58.7	99	94.7	84.1
MEYER	35.3	99	96.3	76.9
LSD VALUE	9.2	0	4.7	3.4
C.V. (%)	8.4	0	3.0	4.2

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 26A. FROST TOLERANCE RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

NAME	MO1
VICTORIA	6.3
DALZ 9601	6.0
DE ANZA	6.0
EMERALD	6.0
JAMUR	6.0
ZEON	6.0
EL TORO	5.3
ZENITH	5.3
MIYAKO	5.0
J-36	4.7
MEYER	4.7
ZEN-500	4.7
HT-210	4.3
J-14	4.3
J-37	4.3
ZEN-400	4.0
CHINESE COMMON	3.0
Z-18	2.3
KOREAN COMMON	2.0
LSD VALUE	1.8
C.V. (%)	23.3

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 26B. FROST TOLERANCE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

NAME	MO1
ZENITH	5.3
J-36	4.7
ZEN-500	4.7
J-37	4.3
ZEN-400	4.0
CHINESE COMMON	3.0
Z-18	2.3
KOREAN COMMON	2.0
LSD VALUE	1.8
C.V. (%)	29.0

TABLE 26C. FROST TOLERANCE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

NAME	MO1
VICTORIA	6.3
DALZ 9601	6.0
DE ANZA	6.0
EMERALD	6.0
JAMUR	6.0
ZEON	6.0
EL TORO	5.3
MIYAKO	5.0
MEYER	4.7
HT-210	4.3
J-14	4.3
LSD VALUE	1.8
C.V. (%)	20.4

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 27A.

WINTER COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

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

NAME	CA3	FL1	FL3	IN1	LA1	MO1	TX1	VA4	MEAN
VICTORIA	5.3	5.3	6.7	6.0	5.3	6.0	1	3.0	4.8
DE ANZA	6.7	5.0	6.7	6.0	5.0	5.0	1	2.3	4.7
DALZ 9601	5.0	4.3	4.0	6.0	5.3	5.3	1	4.0	4.4
ZEON	5.7	3.7	4.3	6.0	5.0	5.7	1	3.7	4.4
MIYAKO	3.7	3.7	7.0	6.0	5.0	4.3	2	3.0	4.3
EMERALD	2.0	7.0	4.7	5.0	5.0	5.7	1	4.0	4.3
HT-210	6.0	6.0	4.0	.	5.3	3.7	1	2.7	4.1
EL TORO	2.3	4.3	3.0	5.3	4.7	1.3	1	3.3	3.2
Z-18	4.0	5.0	2.3	3.0	4.3	1.0	.	2.3	3.1
MEYER	1.0	6.0	3.7	4.0	4.3	1.0	1	3.7	3.1
J-14	1.0	5.7	3.0	4.7	4.0	1.0	1	3.0	2.9
JAMUR	2.0	4.0	3.0	5.3	2.7	2.3	1	2.7	2.9
J-36	.	3.7	3.0	3.3	4.7	1.3	1	3.0	2.9
ZEN-500	1.0	4.7	3.3	3.3	4.3	1.0	1	3.7	2.8
ZENITH	1.0	4.3	2.7	3.7	4.7	1.0	1	3.0	2.7
J-37	1.0	4.0	2.3	3.0	4.0	1.3	1	3.0	2.5
CHINESE COMMON	1.0	4.3	2.0	1.0	3.7	1.0	1	3.0	2.1
ZEN-400	1.0	3.0	1.3	2.3	4.3	1.0	1	3.0	2.1
KOREAN COMMON	1.0	3.0	1.7	2.0	3.7	1.0	1	3.3	2.1
LSD VALUE	1.0	1.1	1.0	0.7	1.0	1.1	0	0.6	0.3
C.V. (%)	23.2	15.3	17.6	9.2	13.8	26.2	0	12.7	16.9

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 27B. WINTER COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

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

NAME	CA3	FL1	FL3	IN1	LA1	MO1	TX1	VA4	MEAN
Z-18	4.0	5.0	2.3	3.0	4.3	1.0	.	2.3	3.1
J-36	.	3.7	3.0	3.3	4.7	1.3	1	3.0	2.9
ZEN-500	1.0	4.7	3.3	3.3	4.3	1.0	1	3.7	2.8
ZENITH	1.0	4.3	2.7	3.7	4.7	1.0	1	3.0	2.7
J-37	1.0	4.0	2.3	3.0	4.0	1.3	1	3.0	2.5
CHINESE COMMON	1.0	4.3	2.0	1.0	3.7	1.0	1	3.0	2.1
ZEN-400	1.0	3.0	1.3	2.3	4.3	1.0	1	3.0	2.1
KOREAN COMMON	1.0	3.0	1.7	2.0	3.7	1.0	1	3.3	2.1
LSD VALUE	0.6	0.9	1.1	0.8	1.0	0.5	0	0.6	0.3
C.V. (%)	26.5	13.5	30.3	16.1	15.3	26.6	0	11.6	18.8

TABLE 27C. WINTER COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

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

NAME	CA3	FL1	FL3	IN1	LA1	MO1	TX1	VA4	MEAN
VICTORIA	5.3	5.3	6.7	6.0	5.3	6.0	1	3.0	4.8
DE ANZA	6.7	5.0	6.7	6.0	5.0	5.0	1	2.3	4.7
DALZ 9601	5.0	4.3	4.0	6.0	5.3	5.3	1	4.0	4.4
ZEON	5.7	3.7	4.3	6.0	5.0	5.7	1	3.7	4.4
MIYAKO	3.7	3.7	7.0	6.0	5.0	4.3	2	3.0	4.3
EMERALD	2.0	7.0	4.7	5.0	5.0	5.7	1	4.0	4.3
HT-210	6.0	6.0	4.0	.	5.3	3.7	1	2.7	4.1
EL TORO	2.3	4.3	3.0	5.3	4.7	1.3	1	3.3	3.2
MEYER	1.0	6.0	3.7	4.0	4.3	1.0	1	3.7	3.1
J-14	1.0	5.7	3.0	4.7	4.0	1.0	1	3.0	2.9
JAMUR	2.0	4.0	3.0	5.3	2.7	2.3	1	2.7	2.9
LSD VALUE	1.3	1.3	0.9	0.6	1.0	1.4	0	0.7	0.4
C.V. (%)	21.1	16.0	12.7	6.3	12.8	23.2	0	13.3	15.8

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 28A. DROUGHT TOLERANCE (WILTING) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/

NAME	MO1
EL TORO	7.3
JAMUR	6.3
MIYAKO	6.0
DALZ 9601	4.7
EMERALD	4.7
MEYER	4.3
ZEON	4.3
CHINESE COMMON	4.0
J-14	3.7
J-36	3.7
J-37	3.7
VICTORIA	3.7
ZEN-500	3.7
DE ANZA	3.3
ZEN-400	3.3
ZENITH	3.3
KOREAN COMMON	2.3
HT-210	2.0
Z-18	2.0
LSD VALUE	1.8
C.V. (%)	28.6

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 28B. DROUGHT TOLERANCE (WILTING) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/

NAME	MO1
CHINESE COMMON	4.0
J-36	3.7
J-37	3.7
ZEN-500	3.7
ZEN-400	3.3
ZENITH	3.3
KOREAN COMMON	2.3
Z-18	2.0
LSD VALUE	2.3
C.V. (%)	43.5

TABLE 28C. DROUGHT TOLERANCE (WILTING) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/

NAME	MO1
EL TORO	7.3
JAMUR	6.3
MIYAKO	6.0
DALZ 9601	4.7
EMERALD	4.7
MEYER	4.3
ZEON	4.3
J-14	3.7
VICTORIA	3.7
DE ANZA	3.3
HT-210	2.0
LSD VALUE	1.5
C.V. (%)	19.8

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 29A. DROUGHT TOLERANCE (DORMANCY) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/

NAME	GA1
EMERALD	7.3
VICTORIA	6.7
ZEON	6.7
DALZ 9601	6.3
EL TORO	6.3
J-37	6.3
MEYER	6.3
ZENITH	6.3
CHINESE COMMON	6.0
J-14	6.0
J-36	6.0
JAMUR	6.0
ZEN-400	6.0
DE ANZA	5.7
HT-210	5.7
ZEN-500	5.7
MIYAKO	5.3
Z-18	5.0
KOREAN COMMON	4.7
LSD VALUE	1.0
C.V. (%)	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 29B. DROUGHT TOLERANCE (DORMANCY) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/

NAME	GA1
J-37	6.3
ZENITH	6.3
CHINESE COMMON	6.0
J-36	6.0
ZEN-400	6.0
ZEN-500	5.7
Z-18	5.0
KOREAN COMMON	4.7
LSD VALUE	0.7
C.V. (%)	7.1

TABLE 29C. DROUGHT TOLERANCE (DORMANCY) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/

NAME	GA1
EMERALD	7.3
VICTORIA	6.7
ZEON	6.7
DALZ 9601	6.3
EL TORO	6.3
MEYER	6.3
J-14	6.0
JAMUR	6.0
DE ANZA	5.7
HT-210	5.7
MIYAKO	5.3
LSD VALUE	1.2
C.V. (%)	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 30A. DOLLAR SPOT RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

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

NAME	FL3
DALZ 9601	9.0
EL TORO	9.0
HT-210	9.0
J-14	9.0
J-36	9.0
J-37	9.0
KOREAN COMMON	9.0
MIYAKO	9.0
Z-18	9.0
ZEN-500	9.0
ZEON	9.0
CHINESE COMMON	6.7
JAMUR	6.7
MEYER	6.7
ZEN-400	6.7
DE ANZA	4.3
EMERALD	4.3
VICTORIA	4.3
ZENITH	4.3
LSD VALUE	4.2
C.V. (%)	34.8

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 30B. DOLLAR SPOT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

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

NAME	FL3
J-36	9.0
J-37	9.0
KOREAN COMMON	9.0
Z-18	9.0
ZEN-500	9.0
CHINESE COMMON	6.7
ZEN-400	6.7
ZENITH	4.3
LSD VALUE	4.0
C.V. (%)	31.6

TABLE 30C. DOLLAR SPOT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

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

NAME	FL3
DALZ 9601	9.0
EL TORO	9.0
HT-210	9.0
J-14	9.0
MIYAKO	9.0
ZEON	9.0
JAMUR	6.7
MEYER	6.7
DE ANZA	4.3
EMERALD	4.3
VICTORIA	4.3
LSD VALUE	4.4
C.V. (%)	37.3

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 31A. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

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

NAME	CA3
CHINESE COMMON	7.0
DE ANZA	7.0
EL TORO	7.0
JAMUR	7.0
MEYER	7.0
MIYAKO	7.0
VICTORIA	7.0
ZEN-500	7.0
ZENITH	7.0
DALZ 9601	6.7
HT-210	6.7
J-14	6.7
ZEN-400	6.7
EMERALD	6.3
J-37	6.3
ZEON	6.3
KOREAN COMMON	6.0
Z-18	6.0
LSD VALUE	1.0
C.V. (%)	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 31B. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

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

NAME	CA3
CHINESE COMMON	7.0
ZEN-500	7.0
ZENITH	7.0
ZEN-400	6.7
J-37	6.3
KOREAN COMMON	6.0
Z-18	6.0
LSD VALUE	1.3
C.V. (%)	12.4

TABLE 31C. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

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

NAME	CA3
DE ANZA	7.0
EL TORO	7.0
JAMUR	7.0
MEYER	7.0
MIYAKO	7.0
VICTORIA	7.0
DALZ 9601	6.7
HT-210	6.7
J-14	6.7
EMERALD	6.3
ZEON	6.3
LSD VALUE	0.8
C.V. (%)	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 32A. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

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

NAME	AR1	GA1	MEAN
HT-210	6.0	7.0	6.5
ZEN-500	7.0	6.0	6.5
DE ANZA	5.7	7.0	6.3
VICTORIA	6.0	6.3	6.2
EMERALD	6.3	5.7	6.0
ZENITH	5.3	6.0	5.7
DALZ 9601	4.7	6.0	5.3
J-36	4.7	6.0	5.3
J-37	5.0	5.7	5.3
ZEN-400	5.0	5.7	5.3
EL TORO	4.7	5.7	5.2
MEYER	4.3	6.0	5.2
MIYAKO	5.0	5.3	5.2
ZEON	4.3	6.0	5.2
J-14	5.0	5.0	5.0
JAMUR	4.0	5.7	4.8
CHINESE COMMON	3.7	5.0	4.3
KOREAN COMMON	3.7	5.0	4.3
Z-18	1.0	5.0	3.0
LSD VALUE	1.2	0.6	0.7
C.V. (%)	16.1	6.1	11.3

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 32B. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

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

NAME	AR1	GA1	MEAN
ZEN-500	7.0	6.0	6.5
ZENITH	5.3	6.0	5.7
J-36	4.7	6.0	5.3
J-37	5.0	5.7	5.3
ZEN-400	5.0	5.7	5.3
CHINESE COMMON	3.7	5.0	4.3
KOREAN COMMON	3.7	5.0	4.3
Z-18	1.0	5.0	3.0
LSD VALUE	1.0	0.5	0.6
C.V. (%)	14.6	5.2	10.0

TABLE 32C. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

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

NAME	AR1	GA1	MEAN
HT-210	6.0	7.0	6.5
DE ANZA	5.7	7.0	6.3
VICTORIA	6.0	6.3	6.2
EMERALD	6.3	5.7	6.0
DALZ 9601	4.7	6.0	5.3
EL TORO	4.7	5.7	5.2
MEYER	4.3	6.0	5.2
MIYAKO	5.0	5.3	5.2
ZEON	4.3	6.0	5.2
J-14	5.0	5.0	5.0
JAMUR	4.0	5.7	4.8
LSD VALUE	1.4	0.6	0.8
C.V. (%)	16.8	6.5	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 33A. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

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

NAME	AR1	CA3	GA1	MEAN
VICTORIA	3.7	7.3	7.0	6.0
DE ANZA	2.7	7.7	7.0	5.8
HT-210	4.0	7.3	6.0	5.8
EMERALD	3.7	7.3	5.7	5.6
DALZ 9601	3.0	7.3	6.0	5.4
ZEON	3.0	7.0	6.0	5.3
MIYAKO	3.0	7.0	5.7	5.2
EL TORO	2.0	7.3	5.7	5.0
MEYER	3.7	6.3	4.7	4.9
ZENITH	3.0	5.3	6.0	4.8
JAMUR	2.0	6.3	5.3	4.6
ZEN-500	3.7	5.0	4.7	4.4
J-14	3.0	5.0	4.7	4.2
J-36	2.3	.	5.7	4.0
J-37	2.3	4.7	5.0	4.0
Z-18	1.0	5.0	6.0	4.0
KOREAN COMMON	2.3	3.7	4.3	3.4
ZEN-400	2.0	3.3	4.3	3.2
CHINESE COMMON	2.3	2.0	3.3	2.6
LSD VALUE	0.7	1.1	1.0	0.5
C.V. (%)	16.6	11.4	10.9	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 33B. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

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

NAME	AR1	CA3	GA1	MEAN
ZENITH	3.0	5.3	6.0	4.8
ZEN-500	3.7	5.0	4.7	4.4
J-36	2.3	.	5.7	4.0
J-37	2.3	4.7	5.0	4.0
Z-18	1.0	5.0	6.0	4.0
KOREAN COMMON	2.3	3.7	4.3	3.4
ZEN-400	2.0	3.3	4.3	3.2
CHINESE COMMON	2.3	2.0	3.3	2.6
LSD VALUE	0.7	1.1	1.1	0.6
C.V. (%)	19.2	16.7	13.8	16.2

TABLE 33C. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

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

NAME	AR1	CA3	GA1	MEAN
VICTORIA	3.7	7.3	7.0	6.0
DE ANZA	2.7	7.7	7.0	5.8
HT-210	4.0	7.3	6.0	5.8
EMERALD	3.7	7.3	5.7	5.6
DALZ 9601	3.0	7.3	6.0	5.4
ZEON	3.0	7.0	6.0	5.3
MIYAKO	3.0	7.0	5.7	5.2
EL TORO	2.0	7.3	5.7	5.0
MEYER	3.7	6.3	4.7	4.9
JAMJR	2.0	6.3	5.3	4.6
J-14	3.0	5.0	4.7	4.2
LSD VALUE	0.7	1.0	0.8	0.5
C.V. (%)	15.0	9.4	9.0	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 34A. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

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

NAME	CA3	GA1	MEAN
VICTORIA	7.3	6.0	6.7
DE ANZA	7.7	5.0	6.3
HT-210	6.7	5.0	5.8
DALZ 9601	6.3	4.7	5.5
MIYAKO	6.3	4.0	5.2
Z-18	5.3	4.7	5.0
ZEQN	6.0	4.0	5.0
EL TORO	4.7	3.0	3.8
EMERALD	4.0	3.7	3.8
JAMUR	3.7	3.7	3.7
J-36	.	3.0	3.0
ZEN-500	1.3	2.7	2.0
ZENITH	1.0	3.0	2.0
J-37	1.0	2.7	1.8
MEYER	1.0	2.3	1.7
J-14	1.0	2.0	1.5
KOREAN COMMON	1.0	2.0	1.5
ZEN-400	1.0	1.3	1.2
CHINESE COMMON	1.0	1.0	1.0
LSD VALUE	0.9	1.1	0.8
C.V. (%)	15.7	21.3	18.5

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 34B. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

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

NAME	CA3	GA1	MEAN
Z-18	5.3	4.7	5.0
J-36	.	3.0	3.0
ZEN-500	1.3	2.7	2.0
ZENITH	1.0	3.0	2.0
J-37	1.0	2.7	1.8
KOREAN COMMON	1.0	2.0	1.5
ZEN-400	1.0	1.3	1.2
CHINESE COMMON	1.0	1.0	1.0
LSD VALUE	0.5	0.9	0.5
C.V. (%)	18.5	21.2	21.0

TABLE 34C. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

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

NAME	CA3	GA1	MEAN
VICTORIA	7.3	6.0	6.7
DE ANZA	7.7	5.0	6.3
HT-210	6.7	5.0	5.8
DALZ 9601	6.3	4.7	5.5
MIYAKO	6.3	4.0	5.2
ZEON	6.0	4.0	5.0
EL TORO	4.7	3.0	3.8
EMERALD	4.0	3.7	3.8
JAMUR	3.7	3.7	3.7
MEYER	1.0	2.3	1.7
J-14	1.0	2.0	1.5
LSD VALUE	1.1	1.3	0.9
C.V. (%)	14.0	20.7	17.0

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 35A. BILLBUG RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE 2/

NAME	KS1
DALZ 9601	9.0
EMERALD	9.0
EL TORO	8.7
JAMUR	8.7
ZEON	8.7
MIYAKO	8.3
DE ANZA	8.0
J-14	7.7
KOREAN COMMON	7.7
CHINESE COMMON	7.3
J-37	7.0
ZEN-400	7.0
Z-18	6.7
VICTORIA	6.0
MEYER	5.0
ZEN-500	5.0
J-36	4.3
ZENITH	4.0
HT-210	1.0
LSD VALUE	1.3
C.V. (%)	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 35B. BILLBUG RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE 2/

NAME	KS1
KOREAN COMMON	7.7
CHINESE COMMON	7.3
J-37	7.0
ZEN-400	7.0
Z-18	6.7
ZEN-500	5.0
J-36	4.3
ZENITH	4.0
LSD VALUE	1.8
C.V. (%)	18.6

TABLE 35C. BILLBUG RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE 2/

NAME	KS1
DALZ 9601	9.0
EMERALD	9.0
EL TORO	8.7
JAMUR	8.7
ZEON	8.7
MIYAKO	8.3
DE ANZA	8.0
J-14	7.7
VICTORIA	6.0
MEYER	5.0
HT-210	1.0
LSD VALUE	0.8
C.V. (%)	6.8

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 36A. SEEDHEAD RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	FL1
ZEON	9.0
DALZ 9601	8.7
MEYER	8.7
EMERALD	8.3
KOREAN COMMON	8.3
J-36	7.0
ZEN-500	7.0
J-37	6.7
Z-18	6.7
ZEN-400	6.7
CHINESE COMMON	6.3
J-14	5.3
ZENITH	5.3
MIYAKO	4.3
EL TORO	3.7
HT-210	3.3
DE ANZA	3.0
JAMUR	3.0
VICTORIA	3.0
LSD VALUE	1.1
C.V. (%)	11.6

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 36B. SEEDHEAD RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	FL1
KOREAN COMMON	8.3
J-36	7.0
ZEN-500	7.0
J-37	6.7
Z-18	6.7
ZEN-400	6.7
CHINESE COMMON	6.3
ZENITH	5.3
LSD VALUE	1.4
C.V. (%)	12.8

TABLE 36C. SEEDHEAD RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	FL1
ZEON	9.0
DALZ 9601	8.7
MEYER	8.7
EMERALD	8.3
J-14	5.3
MIYAKO	4.3
EL TORO	3.7
HT-210	3.3
DE ANZA	3.0
JAMUR	3.0
VICTORIA	3.0
LSD VALUE	0.9
C.V. (%)	10.0

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 37A. CHLOROSIS RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
1998 DATA

CHLOROSIS RATINGS 1-9; 9=BEST 2/

NAME	CA3	GA1	MEAN
Z-18	9.0	9.0	9.0
DALZ 9601	9.0	8.7	8.8
EMERALD	9.0	8.7	8.8
ZEON	9.0	8.7	8.8
HT-210	9.0	8.3	8.7
VICTORIA	9.0	8.0	8.5
MIYAKO	9.0	7.7	8.3
EL TORO	9.0	7.3	8.2
MEYER	8.7	7.3	8.0
DE ANZA	9.0	6.7	7.8
ZEN-400	8.0	7.3	7.7
ZENITH	8.7	6.3	7.5
JAMUR	9.0	5.3	7.2
CHINESE COMMON	8.0	6.0	7.0
ZEN-500	7.7	6.0	6.8
KOREAN COMMON	7.3	5.3	6.3
J-37	8.0	4.3	6.2
J-36	.	6.0	6.0
J-14	6.3	4.0	5.2
LSD VALUE	0.8	2.2	1.2
C.V. (%)	6.0	19.5	13.4

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 37B. CHLOROSIS RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
1998 DATA

CHLOROSIS RATINGS 1-9; 9=BEST 2/

NAME	CA3	GA1	MEAN
Z-18	9.0	9.0	9.0
ZEN-400	8.0	7.3	7.7
ZENITH	8.7	6.3	7.5
CHINESE COMMON	8.0	6.0	7.0
ZEN-500	7.7	6.0	6.8
KOREAN COMMON	7.3	5.3	6.3
J-37	8.0	4.3	6.2
J-36	.	6.0	6.0
LSD VALUE	1.1	2.8	1.6
C.V. (%)	8.1	27.7	18.9

TABLE 37C. CHLOROSIS RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
1998 DATA

CHLOROSIS RATINGS 1-9; 9=BEST 2/

NAME	CA3	GA1	MEAN
DALZ 9601	9.0	8.7	8.8
EMERALD	9.0	8.7	8.8
ZEON	9.0	8.7	8.8
HT-210	9.0	8.3	8.7
VICTORIA	9.0	8.0	8.5
MIYAKO	9.0	7.7	8.3
EL TORO	9.0	7.3	8.2
MEYER	8.7	7.3	8.0
DE ANZA	9.0	6.7	7.8
JAMUR	9.0	5.3	7.2
J-14	6.3	4.0	5.2
LSD VALUE	0.6	1.5	0.8
C.V. (%)	4.5	13.0	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 38A. SCALPING RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
 AT RIVERSIDE, CA  
 1997 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	MAY	JUNE	SEPTEMBER	MEAN
DALZ 9601	9.0	9.0	9.0	9.0
DE ANZA	9.0	9.0	9.0	9.0
EL TORO	9.0	9.0	9.0	9.0
EMERALD	9.0	9.0	9.0	9.0
JAMUR	9.0	9.0	9.0	9.0
VICTORIA	9.0	9.0	9.0	9.0
ZEON	9.0	9.0	9.0	9.0
MEYER	9.0	8.7	9.0	8.9
MIYAKO	8.7	9.0	9.0	8.9
ZEN-400	8.7	9.0	9.0	8.9
KOREAN COMMON	8.0	9.0	9.0	8.7
J-37	7.7	8.3	9.0	8.3
CHINESE COMMON	7.3	7.7	9.0	8.0
ZEN-500	7.0	8.0	9.0	8.0
HT-210	8.7	9.0	4.3	7.3
ZENITH	6.0	7.0	9.0	7.3
Z-18	5.7	8.0	5.0	6.2
J-14	4.7	5.3	8.3	6.1
J-36	.	.	.	.
LSD VALUE	1.2	0.9	1.0	0.6
C.V. (%)	9.4	7.0	7.7	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 38B. SCALPING RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
AT RIVERSIDE, CA  
1997 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	MAY	JUNE	SEPTEMBER	MEAN
ZEN-400	8.7	9.0	9	8.9
KOREAN COMMON	8.0	9.0	9	8.7
J-37	7.7	8.3	9	8.3
CHINESE COMMON	7.3	7.7	9	8.0
ZEN-500	7.0	8.0	9	8.0
ZENITH	6.0	7.0	9	7.3
Z-18	5.7	8.0	5	6.2
J-36	.	.	.	.
LSD VALUE	1.6	1.3	1.3	0.7
C.V. (%)	11.8	8.2	9.0	5.3

TABLE 38C. SCALPING RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
AT RIVERSIDE, CA  
1997 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	MAY	JUNE	SEPTEMBER	MEAN
DALZ 9601	9.0	9.0	9.0	9.0
DE ANZA	9.0	9.0	9.0	9.0
EL TORO	9.0	9.0	9.0	9.0
EMERALD	9.0	9.0	9.0	9.0
JAMUR	9.0	9.0	9.0	9.0
VICTORIA	9.0	9.0	9.0	9.0
ZEON	9.0	9.0	9.0	9.0
MEYER	9.0	8.7	9.0	8.9
MIYAKO	8.7	9.0	9.0	8.9
HT-210	8.7	9.0	4.3	7.3
J-14	4.7	5.3	8.3	6.1
LSD VALUE	0.5	0.6	1.0	0.4
C.V. (%)	3.7	4.6	7.1	3.2

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.