

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.

Executive Director - Dr. Robert Shearman, University of Nebraska

National Program Coordinator - Kevin N. Morris, National Turfgrass Federation, Inc.

CURRENT POLICY COMMITTEE MEMBERS:

Dr. A. Douglas Brede, Jacklin Seed Company
Dr. David Chalmers, Virginia Tech University
Dr. Thomas Fermanian, University of Illinois
Dr. Donald Floyd, Pickseed West, Inc.
Mr. Al Gardner, Gardner Turfgrass, Inc.
Dr. Michael Kenna, USGA Green Section
Dr. Anthony Koski, Colorado State University
Dr. Jeff Nus, Golf Course Superintendents Association of America
Dr. Bridget Ruummele, University of Rhode Island

FOR ADDITIONAL REPORTS OR INFORMATION WRITE:

Kevin Morris, National Program Coordinator
National Turfgrass Evaluation Program
Beltsville Agricultural Research Center-West
Building 002, Room 013
Beltsville, Maryland 20705

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1996 NATIONAL ZOYSIAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 1997

<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
Baton Rouge	Louisiana	LA1
Maryland	Silver Spring	MD1
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.

1997 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	1.1-1.5	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	3.1-4.0	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 DORMANCY
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	501+	1.1-2.0	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	NO IRRIGATION
LA1	SILT LOAM AND SILT	6.1-6.5	151-270	241-375	5.1-6.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
MD1	SANDY LOAM	5.6-6.0	61-150	151-240	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
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	241-375	4.1-5.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
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	-	-	-	-	2.1-3.0	-	1.6-2.0	TO PREVENT DORMANCY

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1997

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
CA3							X	X	X	X	X	X		X	
FL1							X	X	X	X	X	X	X	X	X
FL3					X	X	X	X	X	X	X		X		X
GA1					X	X	X	X	X	X				X	
IL2					X	X	X	X	X	X			X	X	X
IN1								X	X				X	X	X
KS1						X	X	X	X				X	X	X
KY1					X	X	X	X	X	X			X	X	X
LA1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
MD1								X	X	X				X	
MO1															
MS1					X	X	X	X	X	X	X		X	X	X
SC1				X	X	X	X	X	X	X			X	X	X
TX1				X	X	X	X	X	X	X	X	X	X	X	X
TX3					X	X	X	X					X		X
VA4					X	X	X	X	X	X	X		X	X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1997

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER			FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILL	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	PERCENT ESTABLISHMENT	PERCENT LEAF RUST	MOLE CRICKET DAMAGE	MOLE CRICKET		LEAF RUST
					SPRING	SUMMER	FALL										SEP	NOV	
AR1				X	X	X	X												
CA3													X						
FL1	X		X	X	X	X	X		X							X			
FL3	X																X	X	
GA1					X						X	X							
IL2	X																		
IN1							X	X						X					
KS1					X	X	X												
KY1	X						X	X		X	X				X				
LA1	X	X	X	X	X														
MD1																			
MO1					X		X												
MS1	X																		
SC1	X			X	X	X	X	X	X					X					
TX1			X		X	X			X		X								
TX3	X							X	X										
VA4	X						X							X					X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1997

LOCATION	ESTABLISHMENT RATINGS										%ESTABLISHMENT AFTER PLANTING				PERCENT ESTABLISHMENT RATINGS				
	AUG.96	SEP.96	OCT.96	NOV.96	DEC.96	JAN.97	FEB.97	MAR.97	MAY 97	JUN.97	8	10	11	12	AUGUST	SEPTEMBER	SPRING	SUMMER	FALL
											WEEKS	WEEKS	WEEKS	WEEKS	96	96	97	97	97
AR1																			
CA3	X	X	X	X	X	X	X	X	X	X									
FL1																			
FL3																			
GA1											X	X		X					
IL2																			
IN1																			
KS1																			
KY1															X	X			
LA1																			
MD1																	X	X	X
MO1																			
MS1											X		X						
SC1																			
TX1																			
TX3																			
VA4																			

TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1997 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MS1	SC1	TX1	TX3	VA4	MEAN
* EL TORO	4.3	5.9	6.8	8.2	5.8	6.2	3.0	4.8	4.2	6.3	3.3	6.0	6.8	5.9	8.6	6.0	5.8
DALZ 9601	4.8	6.0	6.0	7.8	6.1	8.8	2.2	4.0	1.1	6.3	3.4	7.9	6.9	6.2	7.4	6.0	5.7
J-37	3.1	5.3	4.7	5.9	5.2	6.0	6.0	6.1	7.1	5.7	4.7	5.5	6.4	5.7	7.5	5.9	5.7
* JAMUR	5.1	6.3	6.4	8.1	5.7	6.5	2.2	4.4	1.1	6.5	3.0	6.0	6.8	6.0	8.7	6.3	5.6
* EMERALD	3.9	5.4	5.2	7.8	5.3	8.2	2.5	4.3	1.0	5.6	3.3	7.5	7.1	6.3	7.8	6.4	5.5
* ZENITH	2.4	5.9	3.3	4.5	5.7	5.8	2.7	6.1	7.4	5.9	4.4	5.9	6.6	5.6	7.9	6.8	5.4
* ZEN-400	3.4	5.3	4.9	4.7	5.6	4.8	3.7	6.1	7.1	5.8	4.4	5.3	6.7	5.8	7.8	5.4	5.4
* ZEON	3.2	6.4	6.2	7.3	5.6	8.4	2.2	3.2	1.0	6.1	3.1	8.0	6.2	6.2	7.2	6.3	5.4
J-14	3.8	5.7	3.8	7.0	5.3	7.7	3.8	4.6	5.0	5.2	3.7	5.4	6.6	6.0	7.3	5.2	5.4
* J-36	3.1	.	4.4	5.8	5.5	3.7	3.8	5.4	7.2	4.8	4.8	5.1	7.0	5.7	7.8	5.4	5.3
* CHINESE COMMON	2.6	4.9	4.1	5.2	5.0	3.2	4.5	6.4	7.0	6.0	4.4	5.4	7.1	5.5	8.0	5.2	5.3
* DE ANZA	4.3	6.4	5.9	8.3	5.9	8.0	1.7	2.2	1.0	6.7	2.9	6.6	7.2	5.6	6.7	5.0	5.3
MIYAKO	4.7	5.3	7.4	8.2	4.8	5.1	2.0	3.8	1.6	5.8	3.0	5.7	6.9	5.7	8.8	5.0	5.2
HT-210	3.2	5.7	6.3	7.7	5.2	9.0	1.0	2.3	1.0	6.2	1.6	7.2	7.3	5.3	7.5	6.8	5.2
* ZEN-500	2.9	5.8	4.1	4.7	5.2	3.3	3.8	4.1	7.2	5.5	4.0	5.0	6.4	5.1	7.9	6.6	5.1
* VICTORIA	3.0	6.3	4.8	8.0	5.6	6.8	1.0	1.9	1.0	6.5	2.6	6.8	6.7	5.8	7.1	6.6	5.0
* MEYER	3.7	3.6	2.7	6.0	5.3	7.8	2.5	4.2	3.9	4.4	3.2	5.7	7.0	5.3	7.0	6.4	4.9
Z-18	1.0	4.9	4.7	1.2	4.2	6.8	1.0	2.5	1.0	5.4	1.8	5.5	6.1	1.5	2.0	5.9	3.5
* KOREAN COMMON	1.9	3.5	3.1	1.5	4.7	3.1	1.7	3.2	1.2	4.1	2.2	2.9	4.7	3.2	6.3	3.5	3.2
LSD VALUE	1.5	0.9	1.5	0.8	0.4	2.0	1.3	1.5	1.3	0.7	0.9	1.0	0.7	0.5	0.9	0.8	0.3
CV (%)	27.0	10.4	18.7	7.7	4.9	20.2	29.3	22.4	22.6	7.3	16.1	11.5	9.2	6.3	7.1	8.8	13.6

* COMMERCIALY AVAILABLE IN THE USA IN 1998

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/
1997 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/																
	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MS1	SC1	TX1	TX3	VA4	MEAN
J-37	3.1	5.3	4.7	5.9	5.2	6.0	6.0	6.1	7.1	5.7	4.7	5.5	6.4	5.7	7.5	5.9	5.7
ZENITH	2.4	5.9	3.3	4.5	5.7	5.8	2.7	6.1	7.4	5.9	4.4	5.9	6.6	5.6	7.9	6.8	5.4
ZEN-400	3.4	5.3	4.9	4.7	5.6	4.8	3.7	6.1	7.1	5.8	4.4	5.3	6.7	5.8	7.8	5.4	5.4
J-36	3.1	.	4.4	5.8	5.5	3.7	3.8	5.4	7.2	4.8	4.8	5.1	7.0	5.7	7.8	5.4	5.3
CHINESE COMMON	2.6	4.9	4.1	5.2	5.0	3.2	4.5	6.4	7.0	6.0	4.4	5.4	7.1	5.5	8.0	5.2	5.3
ZEN-500	2.9	5.8	4.1	4.7	5.2	3.3	3.8	4.1	7.2	5.5	4.0	5.0	6.4	5.1	7.9	6.6	5.1
Z-18	1.0	4.9	4.7	1.2	4.2	6.8	1.0	2.5	1.0	5.4	1.8	5.5	6.1	1.5	2.0	5.9	3.5
KOREAN COMMON	1.9	3.5	3.1	1.5	4.7	3.1	1.7	3.2	1.2	4.1	2.2	2.9	4.7	3.2	6.3	3.5	3.2
LSD VALUE	1.4	0.8	1.9	1.0	0.4	1.6	1.9	1.8	0.5	0.9	1.0	1.0	0.8	0.7	1.0	1.0	0.3
CV (%)	33.4	9.2	27.8	15.4	5.4	21.8	34.4	22.5	6.0	10.0	16.5	16.5	11.2	8.5	8.2	11.2	15.8

TABLE 1C.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1997 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/																
	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MS1	SC1	TX1	TX3	VA4	MEAN
EL TORO	4.3	5.9	6.8	8.2	5.8	6.2	3.0	4.8	4.2	6.3	3.3	6.0	6.8	5.9	8.6	6.0	5.8
DALZ 9601	4.8	6.0	6.0	7.8	6.1	8.8	2.2	4.0	1.1	6.3	3.4	7.9	6.9	6.2	7.4	6.0	5.7
JAMUR	5.1	6.3	6.4	8.1	5.7	6.5	2.2	4.4	1.1	6.5	3.0	6.0	6.8	6.0	8.7	6.3	5.6
EMERALD	3.9	5.4	5.2	7.8	5.3	8.2	2.5	4.3	1.0	5.6	3.3	7.5	7.1	6.3	7.8	6.4	5.5
ZEON	3.2	6.4	6.2	7.3	5.6	8.4	2.2	3.2	1.0	6.1	3.1	8.0	6.2	6.2	7.2	6.3	5.4
J-14	3.8	5.7	3.8	7.0	5.3	7.7	3.8	4.6	5.0	5.2	3.7	5.4	6.6	6.0	7.3	5.2	5.4
DE ANZA	4.3	6.4	5.9	8.3	5.9	8.0	1.7	2.2	1.0	6.7	2.9	6.6	7.2	5.6	6.7	5.0	5.3
MIYAKO	4.7	5.3	7.4	8.2	4.8	5.1	2.0	3.8	1.6	5.8	3.0	5.7	6.9	5.7	8.8	5.0	5.2
HT-210	3.2	5.7	6.3	7.7	5.2	9.0	1.0	2.3	1.0	6.2	1.6	7.2	7.3	5.3	7.5	6.8	5.2
VICTORIA	3.0	6.3	4.8	8.0	5.6	6.8	1.0	1.9	1.0	6.5	2.6	6.8	6.7	5.8	7.1	6.6	5.0
MEYER	3.7	3.6	2.7	6.0	5.3	7.8	2.5	4.2	3.9	4.4	3.2	5.7	7.0	5.3	7.0	6.4	4.9
LSD VALUE	1.5	1.0	1.2	0.5	0.4	2.3	0.5	1.2	1.6	0.5	0.7	0.4	0.6	0.5	0.8	0.7	0.3
CV (%)	24.0	10.9	13.1	3.9	4.5	19.1	13.2	21.4	50.9	5.0	15.3	3.6	7.7	4.9	6.4	7.0	12.1

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

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

TABLE 2A.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS FOR EACH
MONTH GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1997 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
EL TORO	4.0	4.0	4.7	5.3	6.5	6.0	6.4	6.2	6.3	6.3	6.1	4.7	5.8
DALZ 9601	4.0	3.7	4.0	5.0	6.7	5.9	6.3	6.1	6.1	6.9	6.5	4.8	5.8
J-37	3.3	2.7	4.0	5.2	5.7	5.9	6.0	6.2	6.3	6.0	5.2	3.4	5.7
JAMUR	4.0	4.0	5.7	5.3	6.7	6.1	6.2	6.0	5.8	6.4	6.3	4.5	5.6
EMERALD	2.7	2.3	3.0	5.3	6.7	5.8	6.2	6.0	6.0	6.5	6.0	3.8	5.6
ZENITH	3.3	3.0	5.0	5.1	5.8	6.0	5.7	6.0	6.3	6.0	5.2	3.2	5.5
ZEN-400	3.0	2.7	4.0	5.0	5.8	5.8	5.7	5.9	6.2	5.9	5.2	3.3	5.5
ZEON	4.0	3.7	4.0	4.9	6.4	5.5	5.8	5.9	5.9	6.7	6.6	5.0	5.5
J-14	3.0	3.0	3.0	4.8	6.2	5.6	5.9	5.9	6.1	5.8	5.0	3.3	5.5
CHINESE COMMON	3.7	2.7	5.3	5.1	5.6	5.6	5.7	6.1	5.8	5.4	4.6	3.1	5.4
DE ANZA	4.0	4.0	5.7	5.1	6.3	5.5	6.0	5.6	5.7	6.6	6.5	5.0	5.4
J-36	2.3	2.0	3.0	4.8	5.4	5.4	5.5	5.9	6.1	5.9	5.1	3.0	5.4
MIYAKO	4.0	3.0	3.3	5.0	6.0	5.2	5.7	5.7	5.7	6.0	6.3	4.8	5.3
HT-210	4.0	4.0	4.3	4.7	6.7	5.5	6.0	6.0	5.7	6.3	6.4	4.3	5.3
ZEN-500	2.7	2.7	4.7	4.4	5.4	5.4	5.4	5.6	5.9	5.6	5.4	3.2	5.2
VICTORIA	4.0	4.0	3.7	4.9	6.2	5.3	5.8	5.5	5.5	6.4	6.5	4.5	5.1
MEYER	2.0	2.7	2.3	4.2	5.9	5.2	5.6	5.5	5.5	5.5	4.6	2.8	5.0
Z-18	3.7	3.0	3.0	3.4	3.6	3.5	4.1	4.3	4.5	5.1	5.1	3.8	3.8
KOREAN COMMON	1.0	1.0	2.0	3.7	3.4	3.3	3.4	3.8	3.6	3.7	3.7	2.6	3.2
LSD VALUE	0.9	0.7	1.4	1.2	0.7	1.1	0.8	0.8	0.9	0.8	0.9	0.9	0.7
CV (%)	16.1	14.4	21.8	27.1	23.4	40.8	33.1	36.4	36.1	29.7	26.6	28.8	35.2

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 2B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS FOR EACH MONTH GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1997 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	
J-37	3.3	2.7	4.0	5.2	5.7	5.9	6.0	6.2	6.3	6.0	5.2	3.4	5.7
ZENITH	3.3	3.0	5.0	5.1	5.8	6.0	5.7	6.0	6.3	6.0	5.2	3.2	5.5
ZEN-400	3.0	2.7	4.0	5.0	5.8	5.8	5.7	5.9	6.2	5.9	5.2	3.3	5.5
CHINESE COMMON	3.7	2.7	5.3	5.1	5.6	5.6	5.7	6.1	5.8	5.4	4.6	3.1	5.4
J-36	2.3	2.0	3.0	4.8	5.4	5.4	5.5	5.9	6.1	5.9	5.1	3.0	5.4
ZEN-500	2.7	2.7	4.7	4.4	5.4	5.4	5.4	5.6	5.9	5.6	5.4	3.2	5.2
Z-18	3.7	3.0	3.0	3.4	3.6	3.5	4.1	4.3	4.5	5.1	5.1	3.8	3.8
KOREAN COMMON	1.0	1.0	2.0	3.7	3.4	3.3	3.4	3.8	3.6	3.7	3.7	2.6	3.2
LSD VALUE	1.3	0.9	1.8	1.3	0.7	0.9	0.7	0.7	0.8	0.7	1.0	0.7	0.6
CV (%)	27.5	22.0	28.4	29.0	27.0	36.3	33.2	32.2	32.4	32.6	32.1	28.2	31.1

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS FOR EACH MONTH GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1997 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	
EL TORO	4.0	4.0	4.7	5.3	6.5	6.0	6.4	6.2	6.3	6.3	6.1	4.7	5.8
DALZ 9601	4.0	3.7	4.0	5.0	6.7	5.9	6.3	6.1	6.1	6.9	6.5	4.8	5.8
JAMUR	4.0	4.0	5.7	5.3	6.7	6.1	6.2	6.0	5.8	6.4	6.3	4.5	5.6
EMERALD	2.7	2.3	3.0	5.3	6.7	5.8	6.2	6.0	6.0	6.5	6.0	3.8	5.6
ZEON	4.0	3.7	4.0	4.9	6.4	5.5	5.8	5.9	5.9	6.7	6.6	5.0	5.5
J-14	3.0	3.0	3.0	4.8	6.2	5.6	5.9	5.9	6.1	5.8	5.0	3.3	5.5
DE ANZA	4.0	4.0	5.7	5.1	6.3	5.5	6.0	5.6	5.7	6.6	6.5	5.0	5.4
MIYAKO	4.0	3.0	3.3	5.0	6.0	5.2	5.7	5.7	5.7	6.0	6.3	4.8	5.3
HT-210	4.0	4.0	4.3	4.7	6.7	5.5	6.0	6.0	5.7	6.3	6.4	4.3	5.3
VICTORIA	4.0	4.0	3.7	4.9	6.2	5.3	5.8	5.5	5.5	6.4	6.5	4.5	5.1
MEYER	2.0	2.7	2.3	4.2	5.9	5.2	5.6	5.5	5.5	5.5	4.6	2.8	5.0
LSD VALUE	0.3	0.6	1.0	1.2	0.8	1.2	0.8	0.9	0.9	0.8	0.9	1.0	0.8
CV (%)	4.8	10.0	15.8	25.8	20.9	43.4	33.0	38.8	38.2	27.6	23.4	28.7	37.4

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 3A.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1997 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MS1	SC1	TX1	TX3	VA4	MEAN
EL TORO	4.5	6.5	2	2.0	3.0	11.0	7.0	6.0	8.0	5.0	9.5	7.5	10	6.0	3.0	9.5	1
DALZ 9601	2.0	5.0	6	6.0	1.0	2.0	12.0	12.0	12.5	4.0	8.0	2.0	8	2.5	12.0	9.5	2
J-37	12.5	13.5	12	12.0	15.0	12.0	1.0	3.0	5.0	12.0	2.0	12.0	15	9.0	10.5	12.0	3
JAMUR	1.0	3.0	3	4.0	4.5	10.0	12.0	8.0	12.5	2.5	13.5	7.5	9	5.0	2.0	7.0	4
EMERALD	6.0	11.0	8	7.0	10.0	4.0	9.5	9.0	16.5	13.0	9.5	3.0	4	1.0	8.0	5.0	5
ZENITH	17.0	6.5	17	17.0	4.5	13.0	8.0	3.0	1.0	9.0	4.0	9.0	14	12.0	5.5	1.5	6
ZEN-400	9.0	13.5	9	15.5	8.0	15.0	6.0	3.0	4.0	10.0	5.0	16.0	12	7.5	8.0	13.5	7
ZEON	10.5	1.0	5	9.0	6.5	3.0	12.0	14.5	16.5	7.0	12.0	1.0	17	2.5	14.0	8.0	8
J-14	7.0	10.0	16	10.0	12.0	7.0	4.0	7.0	7.0	16.0	7.0	14.0	13	4.0	13.0	16.0	9
J-36	12.5	.	13	13.0	9.0	16.0	4.0	5.0	3.0	17.0	1.0	17.0	5	10.5	8.0	13.5	10
CHINESE COMMON	16.0	15.0	15	14.0	16.0	18.0	2.0	1.0	6.0	8.0	3.0	15.0	3	14.0	4.0	15.0	11
DE ANZA	4.5	2.0	7	1.0	2.0	5.0	15.5	18.0	16.5	1.0	15.0	6.0	2	13.0	17.0	18.0	12
MIYAKO	3.0	12.0	1	3.0	17.0	14.0	14.0	13.0	10.0	11.0	13.5	10.0	7	10.5	1.0	17.0	13
HT-210	10.5	9.0	4	8.0	13.5	1.0	18.0	17.0	16.5	6.0	19.0	4.0	1	16.0	10.5	1.5	14
ZEN-500	15.0	8.0	14	15.5	13.5	17.0	4.0	11.0	2.0	14.0	6.0	18.0	16	17.0	5.5	4.0	15
VICTORIA	14.0	4.0	10	5.0	6.5	8.5	18.0	19.0	16.5	2.5	16.0	5.0	11	7.5	15.0	3.0	16
MEYER	8.0	17.0	19	11.0	11.0	6.0	9.5	10.0	9.0	18.0	11.0	11.0	6	15.0	16.0	6.0	17
Z-18	19.0	16.0	11	19.0	19.0	8.5	18.0	16.0	16.5	15.0	18.0	13.0	18	19.0	19.0	11.0	18
KOREAN COMMON	18.0	18.0	18	18.0	18.0	19.0	15.5	14.5	11.0	19.0	17.0	19.0	19	18.0	18.0	19.0	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/
1997 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MS1	SC1	TX1	TX3	VA4	MEAN
J-37	2.5	3.5	3	1.0	5	2	1.0	3	5	4	2	2	5	2	6.0	4.0	1
ZENITH	6.0	1.0	7	6.0	1	3	6.0	3	1	2	4	1	4	4	2.5	1.0	2
ZEN-400	1.0	3.5	1	4.5	2	4	5.0	3	4	3	5	5	3	1	4.5	5.5	3
J-36	2.5	.	4	2.0	3	5	3.5	5	3	7	1	6	2	3	4.5	5.5	4
CHINESE COMMON	5.0	5.0	6	3.0	6	7	2.0	1	6	1	3	4	1	5	1.0	7.0	5
ZEN-500	4.0	2.0	5	4.5	4	6	3.5	6	2	5	6	7	6	6	2.5	2.0	6
Z-18	8.0	6.0	2	8.0	8	1	8.0	8	8	6	8	3	7	8	8.0	3.0	7
KOREAN COMMON	7.0	7.0	8	7.0	7	8	7.0	7	7	8	7	8	8	7	7.0	8.0	8

TABLE 3C.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1997 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MS1	SC1	TX1	TX3	VA4	MEAN
EL TORO	4.5	6	2	2	3.0	10	2.0	1	2.0	5.0	3.5	7.5	8	6.0	3	7.5	1
DALZ 9601	2.0	5	6	6	1.0	2	6.0	6	5.5	4.0	2.0	2.0	6	2.5	6	7.5	2
JAMUR	1.0	3	3	4	4.0	9	6.0	3	5.5	2.5	7.5	7.5	7	5.0	2	5.0	3
EMERALD	6.0	9	8	7	7.0	4	3.5	4	9.0	9.0	3.5	3.0	3	1.0	4	3.0	4
ZEON	9.5	1	5	9	5.5	3	6.0	8	9.0	7.0	6.0	1.0	11	2.5	8	6.0	5
J-14	7.0	8	10	10	9.0	7	1.0	2	1.0	10.0	1.0	11.0	10	4.0	7	9.0	6
DE ANZA	4.5	2	7	1	2.0	5	9.0	10	9.0	1.0	9.0	6.0	2	9.0	11	11.0	7
MIYAKO	3.0	10	1	3	11.0	11	8.0	7	4.0	8.0	7.5	9.0	5	8.0	1	10.0	8
HT-210	9.5	7	4	8	10.0	1	10.5	9	9.0	6.0	11.0	4.0	1	11.0	5	1.0	9
VICTORIA	11.0	4	9	5	5.5	8	10.5	11	9.0	2.5	10.0	5.0	9	7.0	9	2.0	10
MEYER	8.0	11	11	11	8.0	6	3.5	5	3.0	11.0	5.0	10.0	4	10.0	10	4.0	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/
1997 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+	
EL TORO	4.1	6.3	5.8	6.1	5.6
DALZ 9601	3.9	7.2	5.1	7.1	5.6
J-37	5.3	6.1	5.4	5.6	5.5
JAMUR	3.6	6.5	5.3	6.3	5.4
EMERALD	3.7	7.2	4.8	6.5	5.3
ZEON	3.6	7.0	4.8	7.1	5.3
ZENITH	4.3	6.4	5.0	5.9	5.3
ZEN-400	4.6	5.6	5.3	5.6	5.3
J-14	4.3	6.5	5.1	5.3	5.3
DE ANZA	3.5	6.7	4.8	6.7	5.2
J-36	4.7	5.4	5.3	5.0	5.1
CHINESE COMMON	4.6	5.2	5.1	5.7	5.1
HT-210	2.6	7.7	4.5	6.7	5.1
MIYAKO	3.3	5.7	5.2	5.8	5.0
ZEN-500	4.4	5.4	4.9	5.3	4.9
VICTORIA	3.1	6.7	4.4	6.7	4.9
MEYER	3.7	7.1	4.2	5.0	4.8
Z-18	2.3	6.3	2.4	5.4	3.6
KOREAN COMMON	2.9	3.8	2.5	3.5	3.0
LSD VALUE	0.5	0.6	0.5	0.6	0.3
C.V. (%)	15.0	12.4	15.8	10.3	14.2

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

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

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
AT DIFFERENT NITROGEN LEVEL 1/
1997 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+	
J-37	5.3	6.1	5.4	5.6	5.5
ZENITH	4.3	6.4	5.0	5.9	5.3
ZEN-400	4.6	5.6	5.3	5.6	5.3
J-36	4.7	5.4	5.3	5.0	5.1
CHINESE COMMON	4.6	5.2	5.1	5.7	5.1
ZEN-500	4.4	5.4	4.9	5.3	4.9
Z-18	2.3	6.3	2.4	5.4	3.6
KOREAN COMMON	2.9	3.8	2.5	3.5	3.0
LSD VALUE	0.7	0.6	0.5	0.7	0.3
C.V. (%)	19.0	13.9	17.5	14.6	16.5

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
AT DIFFERENT NITROGEN LEVEL 1/
1997 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+	
EL TORO	4.1	6.3	5.8	6.1	5.6
DALZ 9601	3.9	7.2	5.1	7.1	5.6
JAMUR	3.6	6.5	5.3	6.3	5.4
EMERALD	3.7	7.2	4.8	6.5	5.3
ZEON	3.6	7.0	4.8	7.1	5.3
J-14	4.3	6.5	5.1	5.3	5.3
DE ANZA	3.5	6.7	4.8	6.7	5.2
HT-210	2.6	7.7	4.5	6.7	5.1
MIYAKO	3.3	5.7	5.2	5.8	5.0
VICTORIA	3.1	6.7	4.4	6.7	4.9
MEYER	3.7	7.1	4.2	5.0	4.8
LSD VALUE	0.3	0.6	0.4	0.3	0.3
C.V. (%)	9.6	11.9	14.6	4.3	12.6

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 5A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
 GROWN AT 1.1-2.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
 1997 DATA

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

NAME	GA1	IN1	MD1	MEAN
J-37	5.2	6.0	4.7	5.3
J-36	5.5	3.8	4.8	4.7
CHINESE COMMON	5.0	4.5	4.4	4.6
ZEN-400	5.6	3.7	4.4	4.6
ZEN-500	5.2	3.8	4.0	4.4
ZENITH	5.7	2.7	4.4	4.3
J-14	5.3	3.8	3.7	4.3
EL TORO	5.8	3.0	3.3	4.1
DALZ 9601	6.1	2.2	3.4	3.9
EMERALD	5.3	2.5	3.3	3.7
MEYER	5.3	2.5	3.2	3.7
JAMUR	5.7	2.2	3.0	3.6
ZEON	5.6	2.2	3.1	3.6
DE ANZA	5.9	1.7	2.9	3.5
MIYAKO	4.8	2.0	3.0	3.3
VICTORIA	5.6	1.0	2.6	3.1
KOREAN COMMON	4.7	1.7	2.2	2.9
HT-210	5.2	1.0	1.6	2.6
Z-18	4.2	1.0	1.8	2.3
LSD VALUE	0.4	1.3	0.9	0.5
CV (%)	4.9	29.3	16.1	15.0

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 5B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT 1.1-2.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	GA1	IN1	MD1	MEAN
J-37	5.2	6.0	4.7	5.3
J-36	5.5	3.8	4.8	4.7
CHINESE COMMON	5.0	4.5	4.4	4.6
ZEN-400	5.6	3.7	4.4	4.6
ZEN-500	5.2	3.8	4.0	4.4
ZENITH	5.7	2.7	4.4	4.3
KOREAN COMMON	4.7	1.7	2.2	2.9
Z-18	4.2	1.0	1.8	2.3
LSD VALUE	0.4	1.9	1.0	0.7
CV (%)	5.4	34.4	16.5	19.0

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT 1.1-2.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	GA1	IN1	MD1	MEAN
J-14	5.3	3.8	3.7	4.3
EL TORO	5.8	3.0	3.3	4.1
DALZ 9601	6.1	2.2	3.4	3.9
EMERALD	5.3	2.5	3.3	3.7
MEYER	5.3	2.5	3.2	3.7
JAMUR	5.7	2.2	3.0	3.6
ZEON	5.6	2.2	3.1	3.6
DE ANZA	5.9	1.7	2.9	3.5
MIYAKO	4.8	2.0	3.0	3.3
VICTORIA	5.6	1.0	2.6	3.1
HT-210	5.2	1.0	1.6	2.6
LSD VALUE	0.4	0.5	0.7	0.3
CV (%)	4.5	13.2	15.3	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 6A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
 GROWN AT 2.1-3.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
 1997 DATA

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

NAME	IL2	SC1	VA4	MEAN
HT-210	9.0	7.3	6.8	7.7
DALZ 9601	8.8	6.9	6.0	7.2
EMERALD	8.2	7.1	6.4	7.2
MEYER	7.8	7.0	6.4	7.1
ZEON	8.4	6.2	6.3	7.0
DE ANZA	8.0	7.2	5.0	6.7
VICTORIA	6.8	6.7	6.6	6.7
JAMUR	6.5	6.8	6.3	6.5
J-14	7.7	6.6	5.2	6.5
ZENITH	5.8	6.6	6.8	6.4
EL TORO	6.2	6.8	6.0	6.3
Z-18	6.8	6.1	5.9	6.3
J-37	6.0	6.4	5.9	6.1
MIYAKO	5.1	6.9	5.0	5.7
ZEN-400	4.8	6.7	5.4	5.6
ZEN-500	3.3	6.4	6.6	5.4
J-36	3.7	7.0	5.4	5.4
CHINESE COMMON	3.2	7.1	5.2	5.2
KOREAN COMMON	3.1	4.7	3.5	3.8
LSD VALUE	2.0	0.7	0.8	0.6
CV (%)	20.2	9.2	8.8	12.6

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 6B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT 2.1-3.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	IL2	SC1	VA4	MEAN
ZENITH	5.8	6.6	6.8	6.4
Z-18	6.8	6.1	5.9	6.3
J-37	6.0	6.4	5.9	6.1
ZEN-400	4.8	6.7	5.4	5.6
ZEN-500	3.3	6.4	6.6	5.4
J-36	3.7	7.0	5.4	5.4
CHINESE COMMON	3.2	7.1	5.2	5.2
KOREAN COMMON	3.1	4.7	3.5	3.8
LSD VALUE	1.6	0.8	1.0	0.6
CV (%)	21.8	11.2	11.2	13.9

TABLE 6C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT 2.1-3.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	IL2	SC1	VA4	MEAN
HT-210	9.0	7.3	6.8	7.7
DALZ 9601	8.8	6.9	6.0	7.2
EMERALD	8.2	7.1	6.4	7.2
MEYER	7.8	7.0	6.4	7.1
ZECN	8.4	6.2	6.3	7.0
DE ANZA	8.0	7.2	5.0	6.7
VICTORIA	6.8	6.7	6.6	6.7
JAMJR	6.5	6.8	6.3	6.5
J-14	7.7	6.6	5.2	6.5
EL TORO	6.2	6.8	6.0	6.3
MIYAKO	5.1	6.9	5.0	5.7
LSD VALUE	2.3	0.6	0.7	0.6
CV (%)	19.1	7.7	7.0	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 7A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT 3.1-4.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	AR1	CA3	FL1	FL3	KS1	KY1	TX1	MEAN
EL TORO	4.3	5.9	6.8	8.2	4.8	4.2	5.9	5.8
J-37	3.1	5.3	4.7	5.9	6.1	7.1	5.7	5.4
JAMUR	5.1	6.3	6.4	8.1	4.4	1.1	6.0	5.3
ZEN-400	3.4	5.3	4.9	4.7	6.1	7.1	5.8	5.3
J-36	3.1	.	4.4	5.8	5.4	7.2	5.7	5.3
MIYAKO	4.7	5.3	7.4	8.2	3.8	1.6	5.7	5.2
J-14	3.8	5.7	3.8	7.0	4.6	5.0	6.0	5.1
DALZ 9601	4.8	6.0	6.0	7.8	4.0	1.1	6.2	5.1
CHINESE COMMON	2.6	4.9	4.1	5.2	6.4	7.0	5.5	5.1
ZENITH	2.4	5.9	3.3	4.5	6.1	7.4	5.6	5.0
ZEN-500	2.9	5.8	4.1	4.7	4.1	7.2	5.1	4.9
EMERALD	3.9	5.4	5.2	7.8	4.3	1.0	6.3	4.8
DE ANZA	4.3	6.4	5.9	8.3	2.2	1.0	5.6	4.8
ZEON	3.2	6.4	6.2	7.3	3.2	1.0	6.2	4.8
HT-210	3.2	5.7	6.3	7.7	2.3	1.0	5.3	4.5
VICTORIA	3.0	6.3	4.8	8.0	1.9	1.0	5.8	4.4
MEYER	3.7	3.6	2.7	6.0	4.2	3.9	5.3	4.2
KOREAN COMMON	1.9	3.5	3.1	1.5	3.2	1.2	3.2	2.5
Z-18	1.0	4.9	4.7	1.2	2.5	1.0	1.5	2.4
LSD VALUE	1.5	0.9	1.5	0.8	1.5	1.3	0.5	0.5
CV (%)	27.0	10.4	18.7	7.7	22.4	22.6	6.3	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 7B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT 3.1-4.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	ARI	CA3	FL1	FL3	KS1	KY1	TX1	MEAN
J-37	3.1	5.3	4.7	5.9	6.1	7.1	5.7	5.4
ZEN-400	3.4	5.3	4.9	4.7	6.1	7.1	5.8	5.3
J-36	3.1	.	4.4	5.8	5.4	7.2	5.7	5.3
CHINESE COMMON	2.6	4.9	4.1	5.2	6.4	7.0	5.5	5.1
ZENITH	2.4	5.9	3.3	4.5	6.1	7.4	5.6	5.0
ZEN-500	2.9	5.8	4.1	4.7	4.1	7.2	5.1	4.9
KOREAN COMMON	1.9	3.5	3.1	1.5	3.2	1.2	3.2	2.5
Z-18	1.0	4.9	4.7	1.2	2.5	1.0	1.5	2.4
LSD VALUE	1.4	0.8	1.9	1.0	1.8	0.5	0.7	0.5
CV (%)	33.4	9.2	27.8	15.4	22.5	6.0	8.5	17.5

TABLE 7C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT 3.1-4.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF								
NAME	ARI	CA3	FL1	FL3	KS1	KY1	TX1	MEAN
EL TORO	4.3	5.9	6.8	8.2	4.8	4.2	5.9	5.8
JAMUR	5.1	6.3	6.4	8.1	4.4	1.1	6.0	5.3
MIYAKO	4.7	5.3	7.4	8.2	3.8	1.6	5.7	5.2
J-14	3.8	5.7	3.8	7.0	4.6	5.0	6.0	5.1
DALZ 9601	4.8	6.0	6.0	7.8	4.0	1.1	6.2	5.1
EMERALD	3.9	5.4	5.2	7.8	4.3	1.0	6.3	4.8
DE ANZA	4.3	6.4	5.9	8.3	2.2	1.0	5.6	4.8
ZEON	3.2	6.4	6.2	7.3	3.2	1.0	6.2	4.8
HT-210	3.2	5.7	6.3	7.7	2.3	1.0	5.3	4.5
VICTORIA	3.0	6.3	4.8	8.0	1.9	1.0	5.8	4.4
MEYER	3.7	3.6	2.7	6.0	4.2	3.9	5.3	4.2
LSD VALUE	1.5	1.0	1.2	0.5	1.2	1.6	0.5	0.4
CV (%)	24.0	10.9	13.1	3.9	21.4	50.9	4.9	14.6

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 8A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT 4.1+ LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	LA1	MS1	MEAN
DALZ 9601	6.3	7.9	7.1
ZEON	6.1	8.0	7.1
HT-210	6.2	7.2	6.7
DE ANZA	6.7	6.6	6.7
VICTORIA	6.5	6.8	6.7
EMERALD	5.6	7.5	6.5
JAMUR	6.5	6.0	6.3
EL TORO	6.3	6.0	6.1
ZENITH	5.9	5.9	5.9
MIYAKO	5.8	5.7	5.8
CHINESE COMMON	6.0	5.4	5.7
J-37	5.7	5.5	5.6
ZEN-400	5.8	5.3	5.6
Z-18	5.4	5.5	5.4
J-14	5.2	5.4	5.3
ZEN-500	5.5	5.0	5.3
MEYER	4.4	5.7	5.0
J-36	4.8	5.1	5.0
KOREAN COMMON	4.1	2.9	3.5
LSD VALUE	0.7	1.0	0.6
CV (%)	7.3	11.5	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 8B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT 4.1+ LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	LA1	MS1	MEAN
ZENITH	5.9	5.9	5.9
CHINESE COMMON	6.0	5.4	5.7
J-37	5.7	5.5	5.6
ZEN-400	5.8	5.3	5.6
Z-18	5.4	5.5	5.4
ZEN-500	5.5	5.0	5.3
J-36	4.8	5.1	5.0
KOREAN COMMON	4.1	2.9	3.5
LSD VALUE	0.9	1.0	0.7
CV (%)	10.0	16.5	14.6

TABLE 8C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT 4.1+ LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1997 DATA

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

NAME	LA1	MS1	MEAN
DALZ 9601	6.3	7.9	7.1
ZEON	6.1	8.0	7.1
HT-210	6.2	7.2	6.7
DE ANZA	6.7	6.6	6.7
VICTORIA	6.5	6.8	6.7
EMERALD	5.6	7.5	6.5
JAMUR	6.5	6.0	6.3
EL TORO	6.3	6.0	6.1
MIYAKO	5.8	5.7	5.8
J-14	5.2	5.4	5.3
MEYER	4.4	5.7	5.0
LSD VALUE	0.5	0.4	0.3
CV (%)	5.0	3.6	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
AT DIFFERENT MOWING HEIGHTS 1/
1997 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+	
EL TORO	4.8	5.7	6.8	5.6
DALZ 9601	4.2	7.0	6.5	5.6
J-37	5.8	5.1	5.5	5.5
JAMUR	4.2	6.0	6.7	5.4
EMERALD	4.1	6.3	6.4	5.3
ZEON	4.0	6.4	6.5	5.3
ZENITH	5.6	5.0	5.1	5.3
ZEN-400	5.6	4.8	5.2	5.3
J-14	5.0	5.5	5.5	5.3
DE ANZA	3.9	6.4	6.2	5.2
J-36	5.6	4.2	5.3	5.1
CHINESE COMMON	5.6	4.3	5.0	5.1
HT-210	3.4	6.4	6.5	5.1
MIYAKO	3.9	5.3	6.6	5.0
ZEN-500	5.2	4.2	5.1	4.9
VICTORIA	3.6	5.8	6.3	4.9
MEYER	4.2	5.4	5.1	4.8
Z-18	3.1	4.7	3.3	3.6
KOREAN COMMON	3.0	3.0	2.8	3.0
LSD VALUE	0.4	0.7	0.5	0.3
C.V. (%)	14.9	16.0	10.9	14.2

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

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

TABLE 9B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
AT DIFFERENT MOWING HEIGHTS 1/
1997 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+	
J-37	5.8	5.1	5.5	5.5
ZENITH	5.6	5.0	5.1	5.3
ZEN-400	5.6	4.8	5.2	5.3
J-36	5.6	4.2	5.3	5.1
CHINESE COMMON	5.6	4.3	5.0	5.1
ZEN-500	5.2	4.2	5.1	4.9
Z-18	3.1	4.7	3.3	3.6
KOREAN COMMON	3.0	3.0	2.8	3.0
LSD VALUE	0.4	0.6	0.6	0.3
C.V. (%)	15.2	18.8	16.3	16.5

TABLE 9C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
AT DIFFERENT MOWING HEIGHTS 1/
1997 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+	
EL TORO	4.8	5.7	6.8	5.6
DALZ 9601	4.2	7.0	6.5	5.6
JAMUR	4.2	6.0	6.7	5.4
EMERALD	4.1	6.3	6.4	5.3
ZEON	4.0	6.4	6.5	5.3
J-14	5.0	5.5	5.5	5.3
DE ANZA	3.9	6.4	6.2	5.2
HT-210	3.4	6.4	6.5	5.1
MIYAKO	3.9	5.3	6.6	5.0
VICTORIA	3.6	5.8	6.3	4.9
MEYER	4.2	5.4	5.1	4.8
LSD VALUE	0.3	0.7	0.4	0.3
C.V. (%)	14.6	14.7	7.5	12.6

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 10A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT A 0.5-1.0 INCH MOWING HEIGHT 1/
1997 DATA

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

NAME	CA3	GA1	IN1	KS1	KY1	MD1	SC1	MEAN
J-37	5.3	5.2	6.0	6.1	7.1	4.7	6.4	5.8
CHINESE COMMON	4.9	5.0	4.5	6.4	7.0	4.4	7.1	5.6
J-36	.	5.5	3.8	5.4	7.2	4.8	7.0	5.6
ZENITH	5.9	5.7	2.7	6.1	7.4	4.4	6.6	5.6
ZEN-400	5.3	5.6	3.7	6.1	7.1	4.4	6.7	5.6
ZEN-500	5.8	5.2	3.8	4.1	7.2	4.0	6.4	5.2
J-14	5.7	5.3	3.8	4.6	5.0	3.7	6.6	5.0
EL TORO	5.9	5.8	3.0	4.8	4.2	3.3	6.8	4.8
DALZ 9601	6.0	6.1	2.2	4.0	1.1	3.4	6.9	4.2
MEYER	3.6	5.3	2.5	4.2	3.9	3.2	7.0	4.2
JAMUR	6.3	5.7	2.2	4.4	1.1	3.0	6.8	4.2
EMERALD	5.4	5.3	2.5	4.3	1.0	3.3	7.1	4.1
ZEON	6.4	5.6	2.2	3.2	1.0	3.1	6.2	4.0
MIYAKO	5.3	4.8	2.0	3.8	1.6	3.0	6.9	3.9
DE ANZA	6.4	5.9	1.7	2.2	1.0	2.9	7.2	3.9
VICTORIA	6.3	5.6	1.0	1.9	1.0	2.6	6.7	3.6
HT-210	5.7	5.2	1.0	2.3	1.0	1.6	7.3	3.4
Z-18	4.9	4.2	1.0	2.5	1.0	1.8	6.1	3.1
KOREAN COMMON	3.5	4.7	1.7	3.2	1.2	2.2	4.7	3.0
LSD VALUE	0.9	0.4	1.3	1.5	1.3	0.9	0.7	0.4
CV (%)	10.4	4.9	29.3	22.4	22.6	16.1	9.2	14.9

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/
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	CA3	GA1	IN1	KS1	KY1	MD1	SC1	MEAN
J-37	5.3	5.2	6.0	6.1	7.1	4.7	6.4	5.8
CHINESE COMMON	4.9	5.0	4.5	6.4	7.0	4.4	7.1	5.6
J-36	.	5.5	3.8	5.4	7.2	4.8	7.0	5.6
ZENITH	5.9	5.7	2.7	6.1	7.4	4.4	6.6	5.6
ZEN-400	5.3	5.6	3.7	6.1	7.1	4.4	6.7	5.6
ZEN-500	5.8	5.2	3.8	4.1	7.2	4.0	6.4	5.2
Z-18	4.9	4.2	1.0	2.5	1.0	1.8	6.1	3.1
KOREAN COMMON	3.5	4.7	1.7	3.2	1.2	2.2	4.7	3.0
LSD VALUE	0.8	0.4	1.9	1.8	0.5	1.0	0.8	0.4
CV (%)	9.2	5.4	34.4	22.5	6.0	16.5	11.2	15.2

TABLE 10C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT A 0.5-1.0 INCH MOWING HEIGHT 1/
1997 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								
NAME	CA3	GA1	IN1	KS1	KY1	MD1	SC1	MEAN
J-14	5.7	5.3	3.8	4.6	5.0	3.7	6.6	5.0
EL TORO	5.9	5.8	3.0	4.8	4.2	3.3	6.8	4.8
DALZ 9601	6.0	6.1	2.2	4.0	1.1	3.4	6.9	4.2
MEYER	3.6	5.3	2.5	4.2	3.9	3.2	7.0	4.2
JAMUR	6.3	5.7	2.2	4.4	1.1	3.0	6.8	4.2
EMERALD	5.4	5.3	2.5	4.3	1.0	3.3	7.1	4.1
ZEON	6.4	5.6	2.2	3.2	1.0	3.1	6.2	4.0
MIYAKO	5.3	4.8	2.0	3.8	1.6	3.0	6.9	3.9
DE ANZA	6.4	5.9	1.7	2.2	1.0	2.9	7.2	3.9
VICTORIA	6.3	5.6	1.0	1.9	1.0	2.6	6.7	3.6
HT-210	5.7	5.2	1.0	2.3	1.0	1.6	7.3	3.4
LSD VALUE	1.0	0.4	0.5	1.2	1.6	0.7	0.6	0.3
CV (%)	10.9	4.5	13.2	21.4	50.9	15.3	7.7	14.6

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 11A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT A 1.1-1.5 INCH MOWING HEIGHT 1/
1997 DATA

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

NAME	AR1	IL2	LA1	MS1	MEAN
DALZ 9601	4.8	8.8	6.3	7.9	7.0
ZEON	3.2	8.4	6.1	8.0	6.4
DE ANZA	4.3	8.0	6.7	6.6	6.4
HT-210	3.2	9.0	6.2	7.2	6.4
EMERALD	3.9	8.2	5.6	7.5	6.3
JAMUR	5.1	6.5	6.5	6.0	6.0
VICTORIA	3.0	6.8	6.5	6.8	5.8
EL TORO	4.3	6.2	6.3	6.0	5.7
J-14	3.8	7.7	5.2	5.4	5.5
MEYER	3.7	7.8	4.4	5.7	5.4
MIYAKO	4.7	5.1	5.8	5.7	5.3
J-37	3.1	6.0	5.7	5.5	5.1
ZENITH	2.4	5.8	5.9	5.9	5.0
ZEN-400	3.4	4.8	5.8	5.3	4.8
Z-18	1.0	6.8	5.4	5.5	4.7
CHINESE COMMON	2.6	3.2	6.0	5.4	4.3
ZEN-500	2.9	3.3	5.5	5.0	4.2
J-36	3.1	3.7	4.8	5.1	4.2
KOREAN COMMON	1.9	3.1	4.1	2.9	3.0
LSD VALUE	1.5	2.0	0.7	1.0	0.7
CV (%)	27.0	20.2	7.3	11.5	16.0

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 11B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT A 1.1-1.5 INCH MOWING HEIGHT 1/
1997 DATA

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

NAME	AR1	IL2	LA1	MS1	MEAN
J-37	3.1	6.0	5.7	5.5	5.1
ZENITH	2.4	5.8	5.9	5.9	5.0
ZEN-400	3.4	4.8	5.8	5.3	4.8
Z-18	1.0	6.8	5.4	5.5	4.7
CHINESE COMMON	2.6	3.2	6.0	5.4	4.3
ZEN-500	2.9	3.3	5.5	5.0	4.2
J-36	3.1	3.7	4.8	5.1	4.2
KOREAN COMMON	1.9	3.1	4.1	2.9	3.0
LSD VALUE	1.4	1.6	0.9	1.0	0.6
CV (%)	33.4	21.8	10.0	16.5	18.8

TABLE 11C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT A 1.1-1.5 INCH MOWING HEIGHT 1/
1997 DATA

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

NAME	AR1	IL2	LA1	MS1	MEAN
DALZ 9601	4.8	8.8	6.3	7.9	7.0
ZEON	3.2	8.4	6.1	8.0	6.4
DE ANZA	4.3	8.0	6.7	6.6	6.4
HT-210	3.2	9.0	6.2	7.2	6.4
EMERALD	3.9	8.2	5.6	7.5	6.3
JAMUR	5.1	6.5	6.5	6.0	6.0
VICTORIA	3.0	6.8	6.5	6.8	5.8
EL TORO	4.3	6.2	6.3	6.0	5.7
J-14	3.8	7.7	5.2	5.4	5.5
MEYER	3.7	7.8	4.4	5.7	5.4
MIYAKO	4.7	5.1	5.8	5.7	5.3
LSD VALUE	1.5	2.3	0.5	0.4	0.7
CV (%)	24.0	19.1	5.0	3.6	14.7

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 12A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT A 1.6+ INCH MOWING HEIGHT 1/
1997 DATA

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

NAME	FL1	FL3	TX1	VA4	MEAN
EL TORO	6.8	8.2	5.9	6.0	6.8
JAMUR	6.4	8.1	6.0	6.3	6.7
MIYAKO	7.4	8.2	5.7	5.0	6.6
HT-210	6.3	7.7	5.3	6.8	6.5
DALZ 9601	6.0	7.8	6.2	6.0	6.5
ZEON	6.2	7.3	6.2	6.3	6.5
EMERALD	5.2	7.8	6.3	6.4	6.4
VICTORIA	4.8	8.0	5.8	6.6	6.3
DE ANZA	5.9	8.3	5.6	5.0	6.2
J-37	4.7	5.9	5.7	5.9	5.5
J-14	3.8	7.0	6.0	5.2	5.5
J-36	4.4	5.8	5.7	5.4	5.3
ZEN-400	4.9	4.7	5.8	5.4	5.2
ZEN-500	4.1	4.7	5.1	6.6	5.1
MEYER	2.7	6.0	5.3	6.4	5.1
ZENITH	3.3	4.5	5.6	6.8	5.1
CHINESE COMMON	4.1	5.2	5.5	5.2	5.0
Z-18	4.7	1.2	1.5	5.9	3.3
KOREAN COMMON	3.1	1.5	3.2	3.5	2.8
LSD VALUE	1.5	0.8	0.5	0.8	0.5
CV (%)	18.7	7.7	6.3	8.8	10.9

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 12B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT A 1.6+ INCH MOWING HEIGHT 1/
1997 DATA

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

NAME	FL1	FL3	TX1	VA4	MEAN
J-37	4.7	5.9	5.7	5.9	5.5
J-36	4.4	5.8	5.7	5.4	5.3
ZEN-400	4.9	4.7	5.8	5.4	5.2
ZEN-500	4.1	4.7	5.1	6.6	5.1
ZENITH	3.3	4.5	5.6	6.8	5.1
CHINESE COMMON	4.1	5.2	5.5	5.2	5.0
Z-18	4.7	1.2	1.5	5.9	3.3
KOREAN COMMON	3.1	1.5	3.2	3.5	2.8
LSD VALUE	1.9	1.0	0.7	1.0	0.6
CV (%)	27.8	15.4	8.5	11.2	16.3

TABLE 12C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT A 1.6+ INCH MOWING HEIGHT 1/
1997 DATA

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

NAME	FL1	FL3	TX1	VA4	MEAN
EL TORO	6.8	8.2	5.9	6.0	6.8
JAMUR	6.4	8.1	6.0	6.3	6.7
MIYAKO	7.4	8.2	5.7	5.0	6.6
HT-210	6.3	7.7	5.3	6.8	6.5
DALZ 9601	6.0	7.8	6.2	6.0	6.5
ZEON	6.2	7.3	6.2	6.3	6.5
EMERALD	5.2	7.8	6.3	6.4	6.4
VICTORIA	4.8	8.0	5.8	6.6	6.3
DE ANZA	5.9	8.3	5.6	5.0	6.2
J-14	3.8	7.0	6.0	5.2	5.5
MEYER	2.7	6.0	5.3	6.4	5.1
LSD VALUE	1.2	0.5	0.5	0.7	0.4
CV (%)	13.1	3.9	4.9	7.0	7.5

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

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

TABLE 13A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
UNDER DIFFERENT IRRIGATION LEVELS 1/
1997 DATA

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

NAME	IRRIGATION LEVELS			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
EL TORO	5.8	5.4	5.1	5.6
DALZ 9601	5.6	6.1	4.5	5.6
J-37	5.4	5.4	6.3	5.5
JAMUR	5.8	5.4	3.5	5.4
EMERALD	5.3	5.8	4.2	5.3
ZEON	5.2	5.9	4.5	5.3
ZENITH	4.8	5.7	6.7	5.3
ZEN-400	5.2	5.1	6.2	5.3
J-14	5.2	5.5	5.2	5.3
DE ANZA	5.4	5.5	3.8	5.2
J-36	5.0	4.8	6.1	5.1
CHINESE COMMON	5.1	4.5	6.2	5.1
HT-210	5.0	5.6	4.1	5.1
MIYAKO	5.5	4.5	3.7	5.0
ZEN-500	4.7	4.8	6.1	4.9
VICTORIA	4.9	5.4	3.9	4.9
MEYER	4.4	5.7	4.8	4.8
Z-18	3.1	4.7	3.3	3.6
KOREAN COMMON	3.0	3.4	2.1	3.0
LSD VALUE	0.4	0.6	0.8	0.3
C.V. (%)	13.9	14.4	15.4	14.2

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

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

TABLE 13B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
UNDER DIFFERENT IRRIGATION LEVELS 1/
1997 DATA

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

NAME	IRRIGATION LEVELS			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
J-37	5.4	5.4	6.3	5.5
ZENITH	4.8	5.7	6.7	5.3
ZEN-400	5.2	5.1	6.2	5.3
J-36	5.0	4.8	6.1	5.1
CHINESE COMMON	5.1	4.5	6.2	5.1
ZEN-500	4.7	4.8	6.1	4.9
Z-18	3.1	4.7	3.3	3.6
KOREAN COMMON	3.0	3.4	2.1	3.0
LSD VALUE	0.4	0.6	0.7	0.3
C.V. (%)	18.1	14.3	13.6	16.5

TABLE 13C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
UNDER DIFFERENT IRRIGATION LEVELS 1/
1997 DATA

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

NAME	IRRIGATION LEVELS			MEAN
	TO PREVENT STRESS	TO PREVENT DORMANCY	SEVERE STRESS/ NO IRRIGATION	
EL TORO	5.8	5.4	5.1	5.6
DALZ 9601	5.6	6.1	4.5	5.6
JAMUR	5.8	5.4	3.5	5.4
EMERALD	5.3	5.8	4.2	5.3
ZEON	5.2	5.9	4.5	5.3
J-14	5.2	5.5	5.2	5.3
DE ANZA	5.4	5.5	3.8	5.2
HT-210	5.0	5.6	4.1	5.1
MIYAKO	5.5	4.5	3.7	5.0
VICTORIA	4.9	5.4	3.9	4.9
MEYER	4.4	5.7	4.8	4.8
LSD VALUE	0.3	0.6	0.8	0.3
C.V. (%)	10.9	14.3	17.1	12.6

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 14A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN UNDER IRRIGATION TO PREVENT STRESS 1/
1997 DATA

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

NAME	AR1	CA3	FL1	FL3	IN1	KS1	LA1	SC1	TX1	MEAN
EL TORO	4.3	5.9	6.8	8.2	3.0	4.8	6.3	6.8	5.9	5.8
JAMUR	5.1	6.3	6.4	8.1	2.2	4.4	6.5	6.8	6.0	5.8
DALZ 9601	4.8	6.0	6.0	7.8	2.2	4.0	6.3	6.9	6.2	5.6
MIYAKO	4.7	5.3	7.4	8.2	2.0	3.8	5.8	6.9	5.7	5.5
J-37	3.1	5.3	4.7	5.9	6.0	6.1	5.7	6.4	5.7	5.4
DE ANZA	4.3	6.4	5.9	8.3	1.7	2.2	6.7	7.2	5.6	5.4
EMERALD	3.9	5.4	5.2	7.8	2.5	4.3	5.6	7.1	6.3	5.3
ZEON	3.2	6.4	6.2	7.3	2.2	3.2	6.1	6.2	6.2	5.2
J-14	3.8	5.7	3.8	7.0	3.8	4.6	5.2	6.6	6.0	5.2
ZEN-400	3.4	5.3	4.9	4.7	3.7	6.1	5.8	6.7	5.8	5.2
CHINESE COMMON	2.6	4.9	4.1	5.2	4.5	6.4	6.0	7.1	5.5	5.1
HT-210	3.2	5.7	6.3	7.7	1.0	2.3	6.2	7.3	5.3	5.0
J-36	3.1	.	4.4	5.8	3.8	5.4	4.8	7.0	5.7	5.0
VICTORIA	3.0	6.3	4.8	8.0	1.0	1.9	6.5	6.7	5.8	4.9
ZENITH	2.4	5.9	3.3	4.5	2.7	6.1	5.9	6.6	5.6	4.8
ZEN-500	2.9	5.8	4.1	4.7	3.8	4.1	5.5	6.4	5.1	4.7
MEYER	3.7	3.6	2.7	6.0	2.5	4.2	4.4	7.0	5.3	4.4
Z-18	1.0	4.9	4.7	1.2	1.0	2.5	5.4	6.1	1.5	3.1
KOREAN COMMON	1.9	3.5	3.1	1.5	1.7	3.2	4.1	4.7	3.2	3.0
LSD VALUE	1.5	0.9	1.5	0.8	1.3	1.5	0.7	0.7	0.5	0.4
CV (%)	27.0	10.4	18.7	7.7	29.3	22.4	7.3	9.2	6.3	13.9

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 14B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN UNDER IRRIGATION TO PREVENT STRESS 1/
1997 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
	AR1	CA3	FL1	FL3	IN1	KS1	LA1	SC1	TX1	MEAN
J-37	3.1	5.3	4.7	5.9	6.0	6.1	5.7	6.4	5.7	5.4
ZEN-400	3.4	5.3	4.9	4.7	3.7	6.1	5.8	6.7	5.8	5.2
CHINESE COMMON	2.6	4.9	4.1	5.2	4.5	6.4	6.0	7.1	5.5	5.1
J-36	3.1	.	4.4	5.8	3.8	5.4	4.8	7.0	5.7	5.0
ZENITH	2.4	5.9	3.3	4.5	2.7	6.1	5.9	6.6	5.6	4.8
ZEN-500	2.9	5.8	4.1	4.7	3.8	4.1	5.5	6.4	5.1	4.7
Z-18	1.0	4.9	4.7	1.2	1.0	2.5	5.4	6.1	1.5	3.1
KOREAN COMMON	1.9	3.5	3.1	1.5	1.7	3.2	4.1	4.7	3.2	3.0
LSD VALUE	1.4	0.8	1.9	1.0	1.9	1.8	0.9	0.8	0.7	0.4
CV (%)	33.4	9.2	27.8	15.4	34.4	22.5	10.0	11.2	8.5	18.1

TABLE 14C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER IRRIGATION TO PREVENT STRESS 1/
1997 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									
	AR1	CA3	FL1	FL3	IN1	KS1	LA1	SC1	TX1	MEAN
EL TORO	4.3	5.9	6.8	8.2	3.0	4.8	6.3	6.8	5.9	5.8
JAMUR	5.1	6.3	6.4	8.1	2.2	4.4	6.5	6.8	6.0	5.8
DALZ 9601	4.8	6.0	6.0	7.8	2.2	4.0	6.3	6.9	6.2	5.6
MIYAKO	4.7	5.3	7.4	8.2	2.0	3.8	5.8	6.9	5.7	5.5
DE ANZA	4.3	6.4	5.9	8.3	1.7	2.2	6.7	7.2	5.6	5.4
EMERALD	3.9	5.4	5.2	7.8	2.5	4.3	5.6	7.1	6.3	5.3
ZEON	3.2	6.4	6.2	7.3	2.2	3.2	6.1	6.2	6.2	5.2
J-14	3.8	5.7	3.8	7.0	3.8	4.6	5.2	6.6	6.0	5.2
HT-210	3.2	5.7	6.3	7.7	1.0	2.3	6.2	7.3	5.3	5.0
VICTORIA	3.0	6.3	4.8	8.0	1.0	1.9	6.5	6.7	5.8	4.9
MEYER	3.7	3.6	2.7	6.0	2.5	4.2	4.4	7.0	5.3	4.4
LSD VALUE	1.5	1.0	1.2	0.5	0.5	1.2	0.5	0.6	0.5	0.3
CV (%)	24.0	10.9	13.1	3.9	13.2	21.4	5.0	7.7	4.9	10.9

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 15A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN UNDER IRRIGATION TO PREVENT DORMANCY 1/
1997 DATA

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

NAME	GA1	IL2	MD1	VA4	MEAN
DALZ 9601	6.1	8.8	3.4	6.0	6.1
ZEON	5.6	8.4	3.1	6.3	5.9
EMERALD	5.3	8.2	3.3	6.4	5.8
ZENITH	5.7	5.8	4.4	6.8	5.7
MEYER	5.3	7.8	3.2	6.4	5.7
HT-210	5.2	9.0	1.6	6.8	5.6
J-14	5.3	7.7	3.7	5.2	5.5
DE ANZA	5.9	8.0	2.9	5.0	5.5
J-37	5.2	6.0	4.7	5.9	5.4
VICTORIA	5.6	6.8	2.6	6.6	5.4
JAMUR	5.7	6.5	3.0	6.3	5.4
EL TORO	5.8	6.2	3.3	6.0	5.4
ZEN-400	5.6	4.8	4.4	5.4	5.1
J-36	5.5	3.7	4.8	5.4	4.8
ZEN-500	5.2	3.3	4.0	6.6	4.8
Z-18	4.2	6.8	1.8	5.9	4.7
MIYAKO	4.8	5.1	3.0	5.0	4.5
CHINESE COMMON	5.0	3.2	4.4	5.2	4.5
KOREAN COMMON	4.7	3.1	2.2	3.5	3.4
LSD VALUE	0.4	2.0	0.9	0.8	0.6
CV (%)	4.9	20.2	16.1	8.8	14.4

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 15B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN UNDER IRRIGATION TO PREVENT DORMANCY 1/
1997 DATA

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

NAME	GA1	IL2	MD1	VA4	MEAN
ZENITH	5.7	5.8	4.4	6.8	5.7
J-37	5.2	6.0	4.7	5.9	5.4
ZEN-400	5.6	4.8	4.4	5.4	5.1
J-36	5.5	3.7	4.8	5.4	4.8
ZEN-500	5.2	3.3	4.0	6.6	4.8
Z-18	4.2	6.8	1.8	5.9	4.7
CHINESE COMMON	5.0	3.2	4.4	5.2	4.5
KOREAN COMMON	4.7	3.1	2.2	3.5	3.4
LSD VALUE	0.4	1.6	1.0	1.0	0.6
CV (%)	5.4	21.8	16.5	11.2	14.3

TABLE 15C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER IRRIGATION TO PREVENT DORMANCY 1/
1997 DATA

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

NAME	GA1	IL2	MD1	VA4	MEAN
DALZ 9601	6.1	8.8	3.4	6.0	6.1
ZEON	5.6	8.4	3.1	6.3	5.9
EMERALD	5.3	8.2	3.3	6.4	5.8
MEYER	5.3	7.8	3.2	6.4	5.7
HT-210	5.2	9.0	1.6	6.8	5.6
J-14	5.3	7.7	3.7	5.2	5.5
DE ANZA	5.9	8.0	2.9	5.0	5.5
VICTORIA	5.6	6.8	2.6	6.6	5.4
JAMUR	5.7	6.5	3.0	6.3	5.4
EL TORO	5.8	6.2	3.3	6.0	5.4
MIYAKO	4.8	5.1	3.0	5.0	4.5
LSD VALUE	0.4	2.3	0.7	0.7	0.6
CV (%)	4.5	19.1	15.3	7.0	14.3

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/
 1997 DATA

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

NAME	KY1	MS1	MEAN
ZENITH	7.4	5.9	6.7
J-37	7.1	5.5	6.3
ZEN-400	7.1	5.3	6.2
CHINESE COMMON	7.0	5.4	6.2
J-36	7.2	5.1	6.1
ZEN-500	7.2	5.0	6.1
J-14	5.0	5.4	5.2
EL TORO	4.2	6.0	5.1
MEYER	3.9	5.7	4.8
ZEQN	1.0	8.0	4.5
DALZ 9601	1.1	7.9	4.5
EMERALD	1.0	7.5	4.2
HT-210	1.0	7.2	4.1
VICTORIA	1.0	6.8	3.9
DE ANZA	1.0	6.6	3.8
MIYAKO	1.6	5.7	3.7
JAMJR	1.1	6.0	3.5
Z-18	1.0	5.5	3.3
KOREAN COMMON	1.2	2.9	2.1
LSD VALUE	1.3	1.0	0.8
CV (%)	22.6	11.5	15.4

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

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

TABLE 16B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN UNDER NO IRRIGATION OR ONLY IRRIGATED DURING SEVERE STRESS 1/
1997 DATA

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

NAME	KY1	MS1	MEAN
ZENITH	7.4	5.9	6.7
J-37	7.1	5.5	6.3
ZEN-400	7.1	5.3	6.2
CHINESE COMMON	7.0	5.4	6.2
J-36	7.2	5.1	6.1
ZEN-500	7.2	5.0	6.1
Z-18	1.0	5.5	3.3
KOREAN COMMON	1.2	2.9	2.1
LSD VALUE	0.5	1.0	0.7
CV (%)	6.0	16.5	13.6

TABLE 16C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER NO IRRIGATION OR ONLY IRRIGATED DURING SEVERE STRESS 1/
1997 DATA

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

NAME	KY1	MS1	MEAN
J-14	5.0	5.4	5.2
EL TORO	4.2	6.0	5.1
MEYER	3.9	5.7	4.8
ZEON	1.0	8.0	4.5
DALZ 9601	1.1	7.9	4.5
EMERALD	1.0	7.5	4.2
HT-210	1.0	7.2	4.1
VICTORIA	1.0	6.8	3.9
DE ANZA	1.0	6.6	3.8
MIYAKO	1.6	5.7	3.7
JAMUR	1.1	6.0	3.5
LSD VALUE	1.6	0.4	0.8
CV (%)	50.9	3.6	17.1

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 17A.

GENETIC COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	AR1	FL1	FL3	IL2	IN1	KS1	KY1	LA1	MS1	SC1	TX1	TX3	VA4	MEAN
MEYER	8.3	7.0	6.0	8.7	5.3	8.7	6.3	8.0	6.3	8	7.7	7.0	3.3	7.0
EL TORO	7.0	5.7	6.3	5.3	6.3	7.7	8.0	7.0	6.0	7	8.0	6.7	6.3	6.7
ZENITH	5.7	5.7	8.0	7.7	5.0	8.3	9.0	7.0	6.3	7	7.0	5.0	5.3	6.7
J-14	7.3	6.3	6.3	7.7	6.7	7.7	7.0	6.7	5.8	7	7.3	6.3	4.0	6.6
ZEN-500	6.7	6.7	6.7	6.0	4.7	7.7	9.0	7.0	7.2	7	7.7	5.7	3.7	6.6
J-37	6.3	5.7	6.7	7.7	5.0	7.7	7.3	6.7	6.0	7	6.7	7.7	3.7	6.5
JAMUR	7.7	6.0	6.3	6.3	5.7	8.0	3.0	7.0	6.3	7	7.7	6.3	6.3	6.4
J-36	5.7	6.0	6.3	6.7	4.7	7.7	8.0	7.3	6.2	7	6.7	5.3	4.7	6.3
CHINESE COMMON	5.7	6.0	7.0	4.7	4.0	7.7	7.7	7.0	7.0	7	7.0	8.3	2.0	6.2
ZEN-400	5.7	5.3	6.3	5.7	4.7	7.0	8.0	7.0	6.5	7	7.0	7.7	3.0	6.2
KOREAN COMMON	7.0	6.7	7.0	4.7	2.7	8.0	6.3	7.0	5.7	7	7.3	8.0	3.3	6.2
ZEON	6.7	5.7	6.3	8.0	6.0	7.3	1.0	7.0	5.5	7	7.3	7.0	5.0	6.1
EMERALD	6.3	7.0	6.7	8.0	5.7	8.0	1.0	7.0	5.5	7	7.3	7.0	2.3	6.1
DAIZ 9601	6.7	5.7	6.0	8.0	6.0	7.0	1.0	7.0	5.5	7	7.3	7.0	3.7	6.0
HT-210	6.7	7.0	5.3	8.7	0.0	8.0	1.0	7.0	5.3	7	8.0	6.7	5.7	5.9
DE ANZA	6.0	5.7	6.0	7.0	4.0	8.0	1.0	6.0	4.8	7	8.0	5.3	7.0	5.8
VICTORIA	6.7	6.3	6.0	8.3	0.0	8.0	1.0	7.0	5.3	7	7.3	5.7	6.3	5.8
MIYAKO	5.3	5.3	7.3	6.7	4.3	7.7	3.0	6.3	5.2	5	7.0	5.0	6.7	5.8
Z-18	6.0	5.0	5.5	7.0	0.0	7.5	1.0	6.3	4.5	7	6.0	5.3	3.7	5.0
LSD VALUE	1.9	1.0	1.4	1.5	1.8	0.8	2.5	0.5	0.8	0	0.9	1.2	1.0	0.3
CV (%)	17.4	10.1	12.3	13.7	26.1	5.9	33.1	4.3	12.1	0	7.7	11.8	13.1	12.5

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 17B.

GENETIC COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

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

NAME	AR1	FL1	FL3	IL2	IN1	KS1	KY1	LA1	MS1	SC1	TX1	TX3	VA4	MEAN
ZENITH	5.7	5.7	8.0	7.7	5.0	8.3	9.0	7.0	6.3	7	7.0	5.0	5.3	6.7
ZEN-500	6.7	6.7	6.7	6.0	4.7	7.7	9.0	7.0	7.2	7	7.7	5.7	3.7	6.6
J-37	6.3	5.7	6.7	7.7	5.0	7.7	7.3	6.7	6.0	7	6.7	7.7	3.7	6.5
J-36	5.7	6.0	6.3	6.7	4.7	7.7	8.0	7.3	6.2	7	6.7	5.3	4.7	6.3
CHINESE COMMON	5.7	6.0	7.0	4.7	4.0	7.7	7.7	7.0	7.0	7	7.0	8.3	2.0	6.2
ZEN-400	5.7	5.3	6.3	5.7	4.7	7.0	8.0	7.0	6.5	7	7.0	7.7	3.0	6.2
KOREAN COMMON	7.0	6.7	7.0	4.7	2.7	8.0	6.3	7.0	5.7	7	7.3	8.0	3.3	6.2
Z-18	6.0	5.0	5.5	7.0	0.0	7.5	1.0	6.3	4.5	7	6.0	5.3	3.7	5.0
LSD VALUE	2.1	1.1	1.7	1.5	1.7	0.8	0.6	0.6	0.9	0	1.2	1.5	0.8	0.3
CV (%)	19.6	11.5	13.9	15.0	28.2	6.6	5.0	5.1	12.9	0	10.0	14.1	13.6	11.6

TABLE 17C.

GENETIC COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	AR1	FL1	FL3	IL2	IN1	KS1	KY1	LA1	MS1	SC1	TX1	TX3	VA4	MEAN
MEYER	8.3	7.0	6.0	8.7	5.3	8.7	6.3	8.0	6.3	8	7.7	7.0	3.3	7.0
EL TORO	7.0	5.7	6.3	5.3	6.3	7.7	8.0	7.0	6.0	7	8.0	6.7	6.3	6.7
J-14	7.3	6.3	6.3	7.7	6.7	7.7	7.0	6.7	5.8	7	7.3	6.3	4.0	6.6
JAMUR	7.7	6.0	6.3	6.3	5.7	8.0	3.0	7.0	6.3	7	7.7	6.3	6.3	6.4
ZEON	6.7	5.7	6.3	8.0	6.0	7.3	1.0	7.0	5.5	7	7.3	7.0	5.0	6.1
EMERALD	6.3	7.0	6.7	8.0	5.7	8.0	1.0	7.0	5.5	7	7.3	7.0	2.3	6.1
DALZ 9601	6.7	5.7	6.0	8.0	6.0	7.0	1.0	7.0	5.5	7	7.3	7.0	3.7	6.0
HT-210	6.7	7.0	5.3	8.7	0.0	8.0	1.0	7.0	5.3	7	8.0	6.7	5.7	5.9
DE ANZA	6.0	5.7	6.0	7.0	4.0	8.0	1.0	6.0	4.8	7	8.0	5.3	7.0	5.8
VICTORIA	6.7	6.3	6.0	8.3	0.0	8.0	1.0	7.0	5.3	7	7.3	5.7	6.3	5.8
MIYAKO	5.3	5.3	7.3	6.7	4.3	7.7	3.0	6.3	5.2	5	7.0	5.0	6.7	5.8
LSD VALUE	1.7	0.9	1.1	1.6	1.8	0.7	3.3	0.4	0.7	0	0.7	1.0	1.0	0.3
CV (%)	16.0	8.9	11.2	12.9	24.8	5.4	67.0	3.6	11.4	0	6.1	9.5	12.6	13.1

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 18A.

 SPRING GREENUP RATINGS OF ZOYSIAGRASS CULTIVARS 1/
 1997 DATA

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

NAME	AR1	CA3	FL1	GA1	IL2	IN1	KSL	KY1	MD1	MS1	SC1	TX1	VA4	MEAN
CHINESE COMMON	8.3	6.3	6.0	6.7	9.0	7.3	6.3	6.0	7.0	7.0	4.7	3.0	7.0	6.5
ZEN-400	9.0	6.3	5.3	8.0	9.0	5.0	6.3	5.7	6.7	7.7	5.3	2.7	7.7	6.5
ZEN-500	9.0	7.3	7.0	7.7	8.0	6.0	6.7	5.7	5.0	7.7	5.3	3.3	6.0	6.5
J-14	9.0	6.7	6.3	7.7	9.0	6.7	5.7	3.0	8.7	6.7	5.0	3.0	7.0	6.5
J-36	8.7	.	6.3	7.0	9.0	5.0	5.7	4.0	7.0	7.3	5.3	4.0	7.0	6.4
J-37	8.7	6.0	5.7	8.0	8.3	5.3	5.7	5.0	7.3	7.7	5.0	3.7	6.3	6.4
MEYER	9.0	7.0	6.7	7.7	9.0	6.7	4.3	3.0	8.3	7.0	6.7	2.7	4.3	6.3
EMERALD	9.0	7.7	6.0	8.3	6.0	6.7	3.3	1.0	9.0	6.3	7.3	4.7	6.0	6.3
ZENITH	8.7	7.3	6.0	7.3	8.3	4.3	6.3	4.3	7.3	6.7	4.7	3.0	6.0	6.2
DALZ 9601	9.0	6.7	4.3	7.3	7.7	3.7	1.5	1.0	7.3	6.0	6.3	4.3	6.0	5.5
EL TORO	9.0	7.0	5.3	7.3	2.3	6.3	3.0	1.3	7.3	5.7	5.0	4.0	5.3	5.3
JAMUR	9.0	7.0	6.3	7.3	1.7	6.0	3.0	1.0	6.3	6.0	5.3	4.0	5.0	5.2
ZEQN	9.0	7.0	4.0	7.3	4.0	4.7	2.0	1.0	7.7	6.0	6.0	4.3	5.0	5.2
KOREAN COMMON	9.0	6.0	7.0	8.0	1.0	1.0	7.3	3.0	1.3	7.0	5.3	3.0	7.0	5.1
MIYAKO	8.7	6.0	6.0	7.0	1.3	1.7	.	1.0	5.0	5.0	5.0	3.7	4.0	4.5
VICTORIA	9.0	6.3	6.7	7.0	2.3	1.0	1.5	1.0	2.7	5.0	6.3	3.7	4.0	4.3
DE ANZA	9.0	5.7	5.7	6.0	1.0	1.0	.	1.0	4.3	4.7	6.3	2.3	4.0	4.3
HT-210	9.0	7.3	6.7	5.3	1.0	1.0	.	1.0	1.0	2.7	6.3	2.3	2.0	3.8
Z-18	9.0	6.3	5.7	2.0	3.7	1.0	2.0	1.0	1.7	2.0	4.3	1.0	1.0	3.1
LSD VALUE	0.5	0.9	1.3	1.0	2.5	2.0	1.3	0.6	1.6	1.0	2.6	0.7	0.4	0.4
CV (%)	3.4	8.4	13.4	9.1	29.0	28.9	16.4	13.3	17.3	10.4	29.4	13.5	5.0	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/
1997 DATA

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

NAME	AR1	CA3	FL1	GA1	IL2	IN1	KS1	KY1	MD1	MS1	SC1	TX1	VA4	MEAN
CHINESE COMMON	8.3	6.3	6.0	6.7	9.0	7.3	6.3	6.0	7.0	7.0	4.7	3.0	7.0	6.5
ZEN-400	9.0	6.3	5.3	8.0	9.0	5.0	6.3	5.7	6.7	7.7	5.3	2.7	7.7	6.5
ZEN-500	9.0	7.3	7.0	7.7	8.0	6.0	6.7	5.7	5.0	7.7	5.3	3.3	6.0	6.5
J-36	8.7	.	6.3	7.0	9.0	5.0	5.7	4.0	7.0	7.3	5.3	4.0	7.0	6.4
J-37	8.7	6.0	5.7	8.0	8.3	5.3	5.7	5.0	7.3	7.7	5.0	3.7	6.3	6.4
ZENITH	8.7	7.3	6.0	7.3	8.3	4.3	6.3	4.3	7.3	6.7	4.7	3.0	6.0	6.2
KOREAN COMMON	9.0	6.0	7.0	8.0	1.0	1.0	7.3	3.0	1.3	7.0	5.3	3.0	7.0	5.1
Z-18	9.0	6.3	5.7	2.0	3.7	1.0	2.0	1.0	1.7	2.0	4.3	1.0	1.0	3.1
LSD VALUE	0.8	1.0	1.3	1.1	3.0	2.1	1.4	0.6	2.2	1.1	3.1	0.6	0.5	0.5
CV (%)	5.0	9.5	13.3	10.3	26.1	30.2	13.6	8.2	25.0	10.2	38.9	12.3	4.8	18.0

TABLE 18C.

SPRING GREENUP RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	AR1	CA3	FL1	GA1	IL2	IN1	KS1	KY1	MD1	MS1	SC1	TX1	VA4	MEAN
J-14	9.0	6.7	6.3	7.7	9.0	6.7	5.7	3.0	8.7	6.7	5.0	3.0	7.0	6.5
MEYER	9.0	7.0	6.7	7.7	9.0	6.7	4.3	3.0	8.3	7.0	6.7	2.7	4.3	6.3
EMERALD	9.0	7.7	6.0	8.3	6.0	6.7	3.3	1.0	9.0	6.3	7.3	4.7	6.0	6.3
DALZ 9601	9.0	6.7	4.3	7.3	7.7	3.7	1.5	1.0	7.3	6.0	6.3	4.3	6.0	5.5
EL TORO	9.0	7.0	5.3	7.3	2.3	6.3	3.0	1.3	7.3	5.7	5.0	4.0	5.3	5.3
JAMUR	9.0	7.0	6.3	7.3	1.7	6.0	3.0	1.0	6.3	6.0	5.3	4.0	5.0	5.2
ZEON	9.0	7.0	4.0	7.3	4.0	4.7	2.0	1.0	7.7	6.0	6.0	4.3	5.0	5.2
MIYAKO	8.7	6.0	6.0	7.0	1.3	1.7	.	1.0	5.0	5.0	5.0	3.7	4.0	4.5
VICTORIA	9.0	6.3	6.7	7.0	2.3	1.0	1.5	1.0	2.7	5.0	6.3	3.7	4.0	4.3
DE ANZA	9.0	5.7	5.7	6.0	1.0	1.0	.	1.0	4.3	4.7	6.3	2.3	4.0	4.3
HT-210	9.0	7.3	6.7	5.3	1.0	1.0	.	1.0	1.0	2.7	6.3	2.3	2.0	3.8
LSD VALUE	0.3	0.8	1.3	0.9	2.1	1.8	1.2	0.6	1.0	0.9	2.2	0.8	0.4	0.4
CV (%)	1.9	7.7	13.4	8.1	31.6	27.7	21.2	25.0	10.6	10.4	22.8	13.9	5.1	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 19A.

LEAF TEXTURE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	AR1	FL1	FL3	IL2	IN1	KS1	LA1	MS1	SC1	TX1	TX3	VA4	MEAN
EMERALD	8.3	6.3	7.7	8.3	8.3	8.0	8.0	7.2	7	8.3	7.0	8.0	7.7
ZEON	8.7	7.3	8.0	9.0	8.3	6.3	8.0	7.3	7	8.0	7.0	7.0	7.7
DALZ 9601	8.7	6.7	8.0	9.0	8.0	6.7	8.0	7.3	7	8.0	7.0	7.0	7.6
HT-210	9.0	8.0	8.0	9.0	0.0	5.0	8.0	7.0	7	9.0	7.3	8.0	7.1
Z-18	5.0	7.3	8.5	9.0	0.0	5.7	7.0	7.3	7	8.0	7.0	7.0	6.6
MEYER	7.0	3.0	7.0	7.3	6.7	6.7	6.0	5.3	5	7.0	5.3	5.0	5.9
DE ANZA	7.0	3.3	7.0	7.7	3.3	3.5	6.0	5.8	5	7.3	6.0	5.0	5.6
ZENITH	6.0	3.7	6.7	6.0	5.7	5.3	5.3	5.7	3	7.0	7.0	4.3	5.5
VICTORIA	6.7	4.3	7.3	7.0	0.0	4.3	5.7	6.0	5	7.3	5.7	6.0	5.4
ZEN-400	5.3	2.7	6.0	4.3	5.0	5.7	5.0	5.2	3	7.0	7.0	3.7	5.0
J-14	5.3	2.0	6.0	6.3	5.0	5.3	5.3	4.8	3	6.7	5.7	4.0	5.0
ZEN-500	5.0	2.7	6.7	3.3	4.0	5.0	4.7	4.8	3	6.7	7.0	4.0	4.7
JAMUR	3.0	2.0	7.0	5.7	4.3	7.0	5.0	4.7	3	6.0	4.7	4.0	4.7
J-37	4.7	2.0	6.7	5.0	4.7	4.3	4.3	4.3	3	6.3	6.7	3.7	4.6
CHINESE COMMON	4.7	2.3	7.0	2.0	5.0	4.7	5.0	4.8	3	6.7	6.3	4.0	4.6
EL TORO	4.0	2.0	6.3	4.3	4.3	5.3	5.0	4.0	3	6.0	4.7	4.0	4.4
J-36	3.7	2.0	4.7	3.0	4.0	5.0	4.7	4.8	3	6.0	7.0	3.0	4.2
MIYAKO	3.0	2.0	6.3	4.0	4.0	4.7	4.0	3.5	3	6.0	4.3	3.0	4.0
KOREAN COMMON	4.0	2.3	5.0	1.0	2.7	4.0	4.0	4.3	3	6.0	6.7	2.0	3.8
LSD VALUE	1.5	0.8	0.9	1.6	1.8	2.4	0.5	1.2	0	0.6	0.8	0.4	0.3
CV (%)	15.4	13.1	7.8	16.5	25.1	27.0	5.7	19.2	0	5.1	7.6	4.7	14.0

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 19B.

LEAF TEXTURE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

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

NAME	AR1	FL1	FL3	IL2	IN1	KS1	LA1	MS1	SC1	TX1	TX3	VA4	MEAN
Z-18	5.0	7.3	8.5	9.0	0.0	5.7	7.0	7.3	7	8.0	7.0	7.0	6.6
ZENITH	6.0	3.7	6.7	6.0	5.7	5.3	5.3	5.7	3	7.0	7.0	4.3	5.5
ZEN-400	5.3	2.7	6.0	4.3	5.0	5.7	5.0	5.2	3	7.0	7.0	3.7	5.0
ZEN-500	5.0	2.7	6.7	3.3	4.0	5.0	4.7	4.8	3	6.7	7.0	4.0	4.7
J-37	4.7	2.0	6.7	5.0	4.7	4.3	4.3	4.3	3	6.3	6.7	3.7	4.6
CHINESE COMMON	4.7	2.3	7.0	2.0	5.0	4.7	5.0	4.8	3	6.7	6.3	4.0	4.6
J-36	3.7	2.0	4.7	3.0	4.0	5.0	4.7	4.8	3	6.0	7.0	3.0	4.2
KOREAN COMMON	4.0	2.3	5.0	1.0	2.7	4.0	4.0	4.3	3	6.0	6.7	2.0	3.8
LSD VALUE	1.7	1.0	1.4	1.1	1.8	0.9	0.7	0.9	0	0.6	0.6	0.6	0.3
CV (%)	19.9	19.6	11.6	16.1	28.9	11.6	8.2	15.8	0	5.4	5.2	8.9	13.0

TABLE 19C.

LEAF TEXTURE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	AR1	FL1	FL3	IL2	IN1	KS1	LA1	MS1	SC1	TX1	TX3	VA4	MEAN
EMERALD	8.3	6.3	7.7	8.3	8.3	8.0	8.0	7.2	7	8.3	7.0	8	7.7
ZEON	8.7	7.3	8.0	9.0	8.3	6.3	8.0	7.3	7	8.0	7.0	7	7.7
DALZ 9601	8.7	6.7	8.0	9.0	8.0	6.7	8.0	7.3	7	8.0	7.0	7	7.6
HT-210	9.0	8.0	8.0	9.0	0.0	5.0	8.0	7.0	7	9.0	7.3	8	7.1
MEYER	7.0	3.0	7.0	7.3	6.7	6.7	6.0	5.3	5	7.0	5.3	5	5.9
DE ANZA	7.0	3.3	7.0	7.7	3.3	3.5	6.0	5.8	5	7.3	6.0	5	5.6
VICTORIA	6.7	4.3	7.3	7.0	0.0	4.3	5.7	6.0	5	7.3	5.7	6	5.4
J-14	5.3	2.0	6.0	6.3	5.0	5.3	5.3	4.8	3	6.7	5.7	4	5.0
JAMUR	3.0	2.0	7.0	5.7	4.3	7.0	5.0	4.7	3	6.0	4.7	4	4.7
EL TORO	4.0	2.0	6.3	4.3	4.3	5.3	5.0	4.0	3	6.0	4.7	4	4.4
MIYAKO	3.0	2.0	6.3	4.0	4.0	4.7	4.0	3.5	3	6.0	4.3	3	4.0
LSD VALUE	1.3	0.6	0.6	1.8	1.7	3.2	0.4	1.4	0	0.6	0.9	0	0.4
CV (%)	13.0	9.1	4.9	16.0	22.9	33.0	3.9	21.0	0	4.8	9.4	0	14.3

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 20. SEEDLING VIGOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/										
NAME	FL1	FL3	IL2	KY1	LA1	MS1	SC1	TX3	VA4	MEAN
J-36	6.0	5.0	8.7	8.7	3.0	6.7	8.0	5.7	5.3	6.3
J-37	7.0	4.7	8.3	8.0	4.3	7.3	5.3	6.0	5.3	6.3
CHINESE COMMON	6.7	3.0	7.0	7.0	6.0	4.7	8.0	6.3	6.0	6.1
ZENITH	7.0	3.3	6.0	7.3	4.3	4.3	7.0	7.0	6.3	5.9
ZEN-400	7.7	2.7	4.3	6.7	5.3	2.0	8.0	6.7	4.7	5.3
Z-18	9.0	1.0	3.7	5.0	4.0	3.3	7.0	8.7	4.0	5.1
ZEN-500	5.7	1.7	3.0	3.0	3.7	2.7	6.0	5.7	3.0	3.8
KOREAN COMMON	1.0	1.0	1.0	0.0	1.3	1.0	3.0	3.3	1.0	1.4
LSD VALUE	3.6	2.2	1.8	1.1	2.0	2.5	1.0	1.6	1.4	0.7
CV (%)	36.2	42.9	21.6	12.4	31.5	38.5	9.9	16.2	20.0	25.3

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 21A. SPRING DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	LA1
HT-210	9.0
MEYER	8.3
ZEON	8.3
DALZ 9601	8.0
DE ANZA	8.0
VICTORIA	8.0
Z-18	8.0
EMERALD	7.7
ZENITH	7.7
ZEN-500	7.3
CHINESE COMMON	7.0
EL TORO	7.0
J-14	7.0
J-36	7.0
J-37	7.0
JAMUR	7.0
MIYAKO	7.0
ZEN-400	7.0
KOREAN COMMON	6.0
LSD VALUE	0.5
CV (%)	4.0

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

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

TABLE 21B. SPRING DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

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

NAME	LA1
Z-18	8.0
ZENITH	7.7
ZEN-500	7.3
CHINESE COMMON	7.0
J-36	7.0
J-37	7.0
ZEN-400	7.0
KOREAN COMMON	6.0
LSD VALUE	0.5
CV (%)	4.1

TABLE 21C. SPRING DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	LA1
HT-210	9.0
MEYER	8.3
ZEON	8.3
DALZ 9601	8.0
DE ANZA	8.0
VICTORIA	8.0
EMERALD	7.7
EL TORO	7.0
J-14	7.0
JAMUR	7.0
MIYAKO	7.0
LSD VALUE	0.5
CV (%)	3.9

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

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

TABLE 22A. SUMMER DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	FL1	IA1	TX1	MEAN
EMERALD	7.7	9.0	8.3	8.3
HT-210	7.7	9.0	8.0	8.2
ZEON	7.3	8.0	8.0	7.8
DALZ 9601	7.0	8.0	8.0	7.7
DE ANZA	5.7	8.0	7.7	7.1
EL TORO	6.3	7.7	7.3	7.1
J-14	6.3	7.7	7.3	7.1
JAMUR	6.3	7.7	7.3	7.1
VICTORIA	5.3	8.0	7.7	7.0
ZEN-400	6.0	7.7	7.0	6.9
MEYER	5.0	8.7	7.0	6.9
J-37	5.3	7.7	6.7	6.6
ZEN-500	5.0	8.0	6.7	6.6
ZENITH	5.3	7.7	6.7	6.6
CHINESE COMMON	5.3	8.0	6.0	6.4
MIYAKO	6.0	7.3	6.0	6.4
J-36	5.0	7.3	6.3	6.2
Z-18	7.3	8.0	0.0	5.1
KOREAN COMMON	4.3	7.0	0.0	3.8
LSD VALUE	1.1	0.6	0.8	0.5
CV (%)	11.6	5.0	6.9	7.9

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 21B. SUMMER DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

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

NAME	FL1	LA1	TX1	MEAN
ZEN-400	6.0	7.7	7.0	6.9
J-37	5.3	7.7	6.7	6.6
ZEN-500	5.0	8.0	6.7	6.6
ZENITH	5.3	7.7	6.7	6.6
CHINESE COMMON	5.3	8.0	6.0	6.4
J-36	5.0	7.3	6.3	6.2
Z-18	7.3	8.0	0.0	5.1
KOREAN COMMON	4.3	7.0	0.0	3.8
LSD VALUE	1.4	0.7	0.9	0.6
CV (%)	15.4	5.3	9.6	10.2

TABLE 22C. SUMMER DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	FL1	LA1	TX1	MEAN
EMERALD	7.7	9.0	8.3	8.3
HT-210	7.7	9.0	8.0	8.2
ZEQN	7.3	8.0	8.0	7.8
DALZ 9601	7.0	8.0	8.0	7.7
DE ANZA	5.7	8.0	7.7	7.1
EL TORO	6.3	7.7	7.3	7.1
J-14	6.3	7.7	7.3	7.1
JAMJR	6.3	7.7	7.3	7.1
VICTORIA	5.3	8.0	7.7	7.0
MEYER	5.0	8.7	7.0	6.9
MIYAKO	6.0	7.3	6.0	6.4
LSD VALUE	0.9	0.6	0.7	0.4
CV (%)	9.0	4.8	5.7	6.4

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

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

TABLE 23A. FALL DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	AR1	FL1	LA1	SC1	MEAN
HT-210	9.0	8.0	9.0	7.3	8.3
EMERALD	7.7	8.0	9.0	6.3	7.8
ZEON	8.7	8.0	8.0	6.0	7.7
DALZ 9601	8.3	7.0	8.0	6.3	7.4
Z-18	.	7.7	8.0	5.0	6.9
MEYER	6.7	5.7	8.3	5.7	6.6
EL TORO	6.0	7.0	8.0	4.7	6.4
JAMUR	5.7	7.3	7.7	5.0	6.4
DE ANZA	6.0	6.3	8.0	5.3	6.4
VICTORIA	5.3	6.3	8.0	6.0	6.4
J-14	5.7	6.7	8.0	5.0	6.3
ZEN-400	5.0	6.3	8.0	5.0	6.1
J-36	5.0	5.7	8.0	4.7	5.8
ZENITH	4.7	5.7	8.0	5.0	5.8
J-37	4.3	5.7	8.0	4.7	5.7
CHINESE COMMON	3.3	5.7	8.0	5.0	5.5
ZEN-500	3.7	5.7	7.7	5.0	5.5
MIYAKO	4.3	6.3	7.0	4.0	5.4
KOREAN COMMON	3.3	5.3	7.3	4.0	5.0
LSD VALUE	1.5	0.9	0.4	0.9	0.5
CV (%)	16.2	8.3	3.3	10.4	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 23B. FALL DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	AR1	FL1	LA1	SC1	MEAN
Z-18	.	7.7	8.0	5.0	6.9
ZEN-400	5.0	6.3	8.0	5.0	6.1
J-36	5.0	5.7	8.0	4.7	5.8
ZENITH	4.7	5.7	8.0	5.0	5.8
J-37	4.3	5.7	8.0	4.7	5.7
CHINESE COMMON	3.3	5.7	8.0	5.0	5.5
ZEN-500	3.7	5.7	7.7	5.0	5.5
KOREAN COMMON	3.3	5.3	7.3	4.0	5.0
LSD VALUE	1.7	1.1	0.5	0.9	0.6
CV (%)	25.0	11.4	3.7	12.0	12.0

TABLE 23C. FALL DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	AR1	FL1	LA1	SC1	MEAN
HT-210	9.0	8.0	9.0	7.3	8.3
EMERALD	7.7	8.0	9.0	6.3	7.8
ZEON	8.7	8.0	8.0	6.0	7.7
DALZ 9601	8.3	7.0	8.0	6.3	7.4
MEYER	6.7	5.7	8.3	5.7	6.6
EL TORO	6.0	7.0	8.0	4.7	6.4
JAMUR	5.7	7.3	7.7	5.0	6.4
DE ANZA	6.0	6.3	8.0	5.3	6.4
VICTORIA	5.3	6.3	8.0	6.0	6.4
J-14	5.7	6.7	8.0	5.0	6.3
MIYAKO	4.3	6.3	7.0	4.0	5.4
LSD VALUE	1.3	0.7	0.4	0.8	0.4
CV (%)	12.5	6.1	3.0	9.3	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 24A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

NAME	PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/								MEAN
	AR1	FL1	GA1	KS1	LA1	MO1	SC1	TX1	
J-37	11.3	87.7	83.3	80.0	55.0	41.7	86.7	53.3	62.4
ZEN-400	13.7	85.3	86.7	76.7	73.3	26.7	90.0	33.3	60.7
CHINESE COMMON	5.3	82.7	86.7	80.0	80.0	11.7	90.0	43.3	60.0
ZENITH	2.3	79.3	88.3	76.7	76.7	20.7	88.3	31.7	58.0
J-36	6.3	82.0	85.0	73.3	45.0	13.3	90.0	51.7	55.8
JAMUR	21.7	96.7	90.0	40.0	80.0	2.7	68.3	43.3	55.3
MIYAKO	17.0	96.7	83.3	13.3	76.7	6.0	83.3	50.0	53.3
EL TORO	18.7	96.3	78.3	30.0	80.0	4.3	75.0	43.3	53.3
ZEN-500	13.7	86.0	78.3	43.3	63.3	7.0	88.3	22.7	50.3
J-14	8.3	63.0	81.7	43.3	56.7	8.7	68.3	56.7	48.3
DALZ 9601	13.3	83.0	75.0	16.7	75.0	5.0	71.7	37.7	47.2
EMERALD	18.3	82.3	71.7	33.3	43.3	11.0	65.0	51.7	47.1
DE ANZA	1.3	90.7	86.7	0.0	80.0	2.7	75.0	21.3	44.7
ZEON	3.3	92.0	71.7	20.0	56.7	1.7	60.0	46.7	44.0
HT-210	10.7	86.7	66.7	0.0	63.3	2.0	85.0	16.7	41.4
VICTORIA	2.3	73.0	66.7	0.0	66.7	2.7	66.7	31.7	38.7
MEYER	10.7	51.3	73.3	43.3	26.7	6.0	60.0	27.7	37.4
Z-18	1.0	76.7	30.0	3.3	66.7	0.7	78.3	0.0	32.1
KOREAN COMMON	1.7	44.0	70.0	16.7	20.0	0.3	65.0	.	31.1
LSD VALUE	19.6	15.3	10.7	19.4	22.0	15.6	8.8	14.6	5.7
CV (%)	121.7	11.7	8.7	33.2	22.0	105.2	7.2	24.6	20.7

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 24B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/									
NAME	AR1	FL1	GA1	KS1	LA1	MO1	SC1	TX1	MEAN
J-37	11.3	87.7	83.3	80.0	55.0	41.7	86.7	53.3	62.4
ZEN-400	13.7	85.3	86.7	76.7	73.3	26.7	90.0	33.3	60.7
CHINESE COMMON	5.3	82.7	86.7	80.0	80.0	11.7	90.0	43.3	60.0
ZENITH	2.3	79.3	88.3	76.7	76.7	20.7	88.3	31.7	58.0
J-36	6.3	82.0	85.0	73.3	45.0	13.3	90.0	51.7	55.8
ZEN-500	13.7	86.0	78.3	43.3	63.3	7.0	88.3	22.7	50.3
Z-18	1.0	76.7	30.0	3.3	66.7	0.7	78.3	0.0	32.1
KOREAN COMMON	1.7	44.0	70.0	16.7	20.0	0.3	65.0	.	31.1
LSD VALUE	19.1	19.3	11.3	20.5	31.3	22.5	8.7	15.9	7.0
CV (%)	153.3	15.4	9.2	22.7	32.5	91.8	6.4	29.4	23.5

TABLE 24C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/									
NAME	AR1	FL1	GA1	KS1	LA1	MO1	SC1	TX1	MEAN
JAMUR	21.7	96.7	90.0	40.0	80.0	2.7	68.3	43.3	55.3
MIYAKO	17.0	96.7	83.3	13.3	76.7	6.0	83.3	50.0	53.3
EL TORO	18.7	96.3	78.3	30.0	80.0	4.3	75.0	43.3	53.3
J-14	8.3	63.0	81.7	43.3	56.7	8.7	68.3	56.7	48.3
DALZ 9601	13.3	83.0	75.0	16.7	75.0	5.0	71.7	37.7	47.2
EMERALD	18.3	82.3	71.7	33.3	43.3	11.0	65.0	51.7	47.1
DE ANZA	1.3	90.7	86.7	0.0	80.0	2.7	75.0	21.3	44.7
ZEON	3.3	92.0	71.7	20.0	56.7	1.7	60.0	46.7	44.0
HT-210	10.7	86.7	66.7	0.0	63.3	2.0	85.0	16.7	41.4
VICTORIA	2.3	73.0	66.7	0.0	66.7	2.7	66.7	31.7	38.7
MEYER	10.7	51.3	73.3	43.3	26.7	6.0	60.0	27.7	37.4
LSD VALUE	19.6	11.4	10.3	18.6	11.2	7.0	9.0	13.6	4.7
CV (%)	106.6	8.6	8.3	52.9	10.9	90.8	7.9	21.9	17.8

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 (SUMMER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/								MEAN
	AR1	FL1	IN1	KS1	KY1	SC1	TX1	VA4	
J-37	23.7	80.0	80.0	91.0	99.0	93.3	95.3	99.0	82.7
CHINESE COMMON	8.7	81.7	68.3	90.0	99.0	95.0	92.7	99.0	79.3
ZEN-400	21.0	87.3	45.0	87.3	99.0	95.0	91.0	99.0	78.1
J-36	9.3	78.0	51.7	63.3	97.7	95.0	94.3	99.0	73.5
ZENITH	8.3	71.0	30.0	88.3	97.7	95.0	85.3	99.0	71.8
ZEN-500	16.7	72.0	45.0	73.3	96.0	95.0	79.3	96.0	71.7
EL TORO	53.3	96.7	31.7	87.7	47.0	85.0	89.7	80.0	71.4
J-14	28.3	72.0	36.7	78.3	66.7	80.0	93.0	76.7	66.5
JAMUR	70.0	96.7	13.3	81.0	4.0	83.3	93.3	80.0	65.2
DALZ 9601	73.3	92.7	9.3	76.0	0.3	81.7	92.7	83.3	63.7
MIYAKO	61.7	98.0	2.0	70.0	1.7	91.7	91.7	80.0	62.1
EMERALD	43.3	89.3	28.3	75.0	1.7	85.0	93.3	76.7	61.6
MEYER	36.7	62.7	30.0	78.3	56.7	78.3	83.3	60.0	60.8
ZEON	21.7	92.0	6.0	53.3	0.0	71.7	94.0	83.3	52.8
DE ANZA	26.7	90.7	1.3	21.7	0.7	91.7	84.3	90.0	50.9
HT-210	8.7	92.7	0.0	66.0	0.0	91.7	83.3	63.3	50.7
VICTORIA	23.7	87.7	0.0	16.7	0.0	80.0	86.0	76.7	46.3
KOREAN COMMON	4.0	69.3	6.7	60.0	18.7	81.7	23.3	73.3	42.1
Z-18	1.0	81.3	0.0	35.7	0.7	83.3	0.0	63.3	33.2
LSD VALUE	38.1	17.1	19.3	28.1	16.6	7.5	9.1	6.3	7.1
CV (%)	79.4	12.7	47.0	25.7	24.9	5.3	6.6	4.7	19.9

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

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

TABLE 25B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/								
	AR1	FL1	IN1	KS1	KY1	SC1	TX1	VA4	MEAN
J-37	23.7	80.0	80.0	91.0	99.0	93.3	95.3	99.0	82.7
CHINESE COMMON	8.7	81.7	68.3	90.0	99.0	95.0	92.7	99.0	79.3
ZEN-400	21.0	87.3	45.0	87.3	99.0	95.0	91.0	99.0	78.1
J-36	9.3	78.0	51.7	63.3	97.7	95.0	94.3	99.0	73.5
ZENITH	8.3	71.0	30.0	88.3	97.7	95.0	85.3	99.0	71.8
ZEN-500	16.7	72.0	45.0	73.3	96.0	95.0	79.3	96.0	71.7
KOREAN COMMON	4.0	69.3	6.7	60.0	18.7	81.7	23.3	73.3	42.1
Z-18	1.0	81.3	0.0	35.7	0.7	83.3	0.0	63.3	33.2
LSD VALUE	27.0	22.4	28.0	33.1	9.2	8.5	13.8	5.5	7.3
CV (%)	129.9	17.9	42.6	27.9	7.5	5.8	10.9	3.8	19.0

TABLE 25C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/								
	AR1	FL1	IN1	KS1	KY1	SC1	TX1	VA4	MEAN
EL TORO	53.3	96.7	31.7	87.7	47.0	85.0	89.7	80.0	71.4
J-14	28.3	72.0	36.7	78.3	66.7	80.0	93.0	76.7	66.5
JAMUR	70.0	96.7	13.3	81.0	4.0	83.3	93.3	80.0	65.2
DALZ 9601	73.3	92.7	9.3	76.0	0.3	81.7	92.7	83.3	63.7
MIYAKO	61.7	98.0	2.0	70.0	1.7	91.7	91.7	80.0	62.1
EMERALD	43.3	89.3	28.3	75.0	1.7	85.0	93.3	76.7	61.6
MEYER	36.7	62.7	30.0	78.3	56.7	78.3	83.3	60.0	60.8
ZEQN	21.7	92.0	6.0	53.3	0.0	71.7	94.0	83.3	52.8
DE ANZA	26.7	90.7	1.3	21.7	0.7	91.7	84.3	90.0	50.9
HT-210	8.7	92.7	0.0	66.0	0.0	91.7	83.3	63.3	50.7
VICTORIA	23.7	87.7	0.0	16.7	0.0	80.0	86.0	76.7	46.3
LSD VALUE	42.2	11.9	8.5	23.8	20.4	6.6	5.1	6.9	7.0
CV (%)	64.5	8.4	36.8	23.2	77.9	4.9	3.6	5.5	20.6

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 26A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/								
NAME	AR1	FL1	IN1	KS1	KY1	MO1	SC1	MEAN
J-37	60.0	80.3	88.3	97.7	97.7	66.7	99.0	84.2
ZEN-400	60.0	89.0	55.0	97.7	89.7	46.7	99.0	76.7
CHINESE COMMON	53.7	80.0	73.3	96.3	97.0	26.7	99.0	75.1
EL TORO	91.7	97.7	38.3	91.3	.	29.3	90.0	73.1
J-36	65.0	77.7	56.3	96.3	92.3	21.0	99.0	72.5
J-14	78.3	69.7	56.7	86.7	.	30.0	91.3	68.8
EMERALD	85.0	89.0	35.0	85.0	.	28.3	88.3	68.4
MIYAKO	96.3	99.0	2.0	86.7	.	21.7	99.0	67.4
ZENITH	46.7	65.3	41.7	96.3	92.7	21.7	99.0	66.2
JAMUR	97.7	96.7	13.3	83.3	.	11.0	93.0	65.8
ZEN-500	60.0	72.3	58.3	69.7	75.0	13.3	99.0	64.0
DALZ 9601	93.3	94.7	13.3	65.0	.	18.3	99.0	63.9
MEYER	76.7	58.3	40.0	78.3	.	15.0	88.3	59.4
ZEON	71.7	94.3	7.7	63.3	.	5.0	88.0	55.0
DE ANZA	95.0	94.0	2.0	28.3	.	5.0	99.0	53.9
HT-210	50.0	93.0	0.0	23.3	.	13.3	97.7	46.2
Z-18	1.0	78.3	0.0	45.0	91.0	0.7	89.7	43.7
VICTORIA	55.0	89.3	0.0	20.0	.	13.3	83.3	43.5
KOREAN COMMON	11.7	71.7	6.0	63.3	6.0	0.7	99.0	36.9
LSD VALUE	43.0	21.4	22.4	24.5	14.6	25.4	7.1	9.9
CV (%)	38.7	15.9	45.0	21.1	11.3	77.5	4.7	24.7

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 26B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	FL1	IN1	KS1	KY1	MO1	SC1	MEAN
J-37	60.0	80.3	88.3	97.7	97.7	66.7	99.0	84.2
ZEN-400	60.0	89.0	55.0	97.7	89.7	46.7	99.0	76.7
CHINESE COMMON	53.7	80.0	73.3	96.3	97.0	26.7	99.0	75.1
J-36	65.0	77.7	56.3	96.3	92.3	21.0	99.0	72.5
ZENITH	46.7	65.3	41.7	96.3	92.7	21.7	99.0	66.2
ZEN-500	60.0	72.3	58.3	69.7	75.0	13.3	99.0	64.0
Z-18	1.0	78.3	0.0	45.0	91.0	0.7	89.7	43.7
KOREAN COMMON	11.7	71.7	6.0	63.3	6.0	0.7	99.0	36.9
LSD VALUE	64.7	26.3	32.0	28.5	14.6	33.1	5.4	12.0
CV (%)	80.3	21.3	42.0	21.4	11.3	83.3	3.4	30.1

TABLE 26C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	FL1	IN1	KS1	MO1	SC1	MEAN
EL TORO	91.7	97.7	38.3	91.3	29.3	90.0	73.1
J-14	78.3	69.7	56.7	86.7	30.0	91.3	68.8
EMERALD	85.0	89.0	35.0	85.0	28.3	88.3	68.4
MIYAKO	96.3	99.0	2.0	86.7	21.7	99.0	67.4
JAMUR	97.7	96.7	13.3	83.3	11.0	93.0	65.8
DALZ 9601	93.3	94.7	13.3	65.0	18.3	99.0	63.9
MEYER	76.7	58.3	40.0	78.3	15.0	88.3	59.4
ZEON	71.7	94.3	7.7	63.3	5.0	88.0	55.0
DE ANZA	95.0	94.0	2.0	28.3	5.0	99.0	53.9
HT-210	50.0	93.0	0.0	23.3	13.3	97.7	46.2
VICTORIA	55.0	89.3	0.0	20.0	13.3	83.3	43.5
LSD VALUE	24.6	16.9	10.9	21.2	18.0	8.1	7.2
CV (%)	18.9	11.9	35.9	20.4	64.5	5.5	18.0

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

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

TABLE 27A. FROST TOLERANCE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	TX3
DE ANZA	8.0
EMERALD	8.0
MIYAKO	8.0
Z-18	8.0
DALZ 9601	7.7
VICTORIA	7.7
EL TORO	8.0
J-37	8.0
JAMUR	8.0
ZEN-500	8.0
ZENITH	8.0
ZEON	8.0
HT-210	7.7
J-36	7.7
MEYER	7.0
ZEN-400	7.7
J-14	7.3
KOREAN COMMON	8.0
CHINESE COMMON	8.0
LSD VALUE	0.5
CV (%)	4.1

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 27B. FROST TOLERANCE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

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

NAME	TX3
Z-18	8.0
J-37	8.0
ZEN-500	8.0
ZENITH	8.0
J-36	7.7
ZEN-400	7.7
KOREAN COMMON	8.0
CHINESE COMMON	8.0
LSD VALUE	0.5
CV (%)	3.6

TABLE 27C. FROST TOLERANCE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	TX3
DE ANZA	8.0
EMERALD	8.0
MIYAKO	8.0
DALZ 9601	7.7
VICTORIA	7.7
EL TORO	8.0
JAMUR	8.0
ZEON	8.0
HT-210	7.7
MEYER	7.0
J-14	7.3
LSD VALUE	0.6
CV (%)	4.5

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 28A. WINTER COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	FL1	TX1	TX3	MEAN
HT-210	7.7	1.0	1.0	2.9
VICTORIA	5.7	1.7	1.0	2.6
DE ANZA	5.7	1.0	1.0	2.4
EL TORO	6.3	1.0	1.0	2.3
EMERALD	3.7	2.3	1.0	2.3
Z-18	5.7	1.0	1.3	2.3
ZEON	4.3	1.7	1.0	2.3
MIYAKO	5.7	1.0	1.0	2.2
DALZ 9601	3.7	1.7	1.0	2.1
JAMUR	5.0	1.0	1.0	2.0
ZEN-500	3.7	1.3	1.7	1.9
J-36	3.0	1.7	1.0	1.7
KOREAN COMMON	3.0	.	1.0	1.7
ZENITH	2.3	1.3	2.0	1.7
J-37	2.3	1.3	1.7	1.6
J-14	2.3	1.7	1.0	1.5
ZEN-400	2.3	1.0	1.3	1.4
CHINESE COMMON	2.3	1.0	1.0	1.3
MEYER	2.3	1.0	1.0	1.3
LSD VALUE	1.9	0.7	0.6	0.5
CV (%)	28.5	31.0	30.3	32.5

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 28B. WINTER COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

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

NAME	FL1	TX1	TX3	MEAN
Z-18	5.7	1.0	1.3	2.3
ZEN-500	3.7	1.3	1.7	1.9
J-36	3.0	1.7	1.0	1.7
KOREAN COMMON	3.0	.	1.0	1.7
ZENITH	2.3	1.3	2.0	1.7
J-37	2.3	1.3	1.7	1.6
ZEN-400	2.3	1.0	1.3	1.4
CHINESE COMMON	2.3	1.0	1.0	1.3
LSD VALUE	1.6	0.7	0.9	0.5
CV (%)	32.4	35.3	39.3	36.3

TABLE 28C. WINTER COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	FL1	TX1	TX3	MEAN
HT-210	7.7	1.0	1	2.9
VICTORIA	5.7	1.7	1	2.6
DE ANZA	5.7	1.0	1	2.4
EL TORO	6.3	1.0	1	2.3
EMERALD	3.7	2.3	1	2.3
ZEON	4.3	1.7	1	2.3
MIYAKO	5.7	1.0	1	2.2
DALZ 9601	3.7	1.7	1	2.1
JAMUR	5.0	1.0	1	2.0
J-14	2.3	1.7	1	1.5
MEYER	2.3	1.0	1	1.3
LSD VALUE	2.0	0.6	0	0.5
CV (%)	26.4	28.5	0	30.3

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 29A. PERCENT WINTER KILL RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	KY1
DALZ 9601	99.0
DE ANZA	99.0
EMERALD	99.0
HT-210	99.0
JAMUR	99.0
MIYAKO	99.0
VICTORIA	99.0
Z-18	99.0
ZEON	99.0
EL TORO	86.3
KOREAN COMMON	75.0
MEYER	65.7
J-14	48.3
J-37	26.7
J-36	18.3
ZENITH	16.7
ZEN-400	8.3
ZEN-500	6.7
CHINESE COMMON	0.0
LSD VALUE	11.2
CV (%)	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 29B. PERCENT WINTER KILL RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 3/

NAME	KY1
Z-18	99.0
KOREAN COMMON	75.0
J-37	26.7
J-36	18.3
ZENITH	16.7
ZEN-400	8.3
ZEN-500	6.7
CHINESE COMMON	0.0
LSD VALUE	13.5
CV (%)	26.9

TABLE 29C. PERCENT WINTER KILL RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	KY1
DALZ 9601	99.0
DE ANZA	99.0
EMERALD	99.0
HT-210	99.0
JAMUR	99.0
MIYAKO	99.0
VICTORIA	99.0
ZEON	99.0
EL TORO	86.3
MEYER	65.7
J-14	48.3
LSD VALUE	9.2
CV (%)	6.3

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 30A. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	GA1	KY1	TX1	MEAN
EMERALD	7.0	.	7.3	7.2
HT-210	7.0	.	7.3	7.2
VICTORIA	7.3	.	7.0	7.2
DALZ 9601	6.7	.	7.0	6.8
EL TORO	6.3	.	7.3	6.8
JAMUR	6.3	.	7.3	6.8
ZENITH	7.0	6.3	6.7	6.7
DE ANZA	6.3	.	7.0	6.7
MEYER	7.0	.	6.3	6.7
ZEON	6.3	.	7.0	6.7
J-36	6.7	6.0	7.0	6.6
J-37	6.7	6.3	6.7	6.6
MIYAKO	6.0	.	7.0	6.5
CHINESE COMMON	7.0	5.3	7.0	6.4
ZEN-500	6.0	6.3	7.0	6.4
ZEN-400	6.3	6.3	6.3	6.3
J-14	6.0	.	6.3	6.2
KOREAN COMMON	6.0	1.0	5.7	4.2
Z-18	6.3	1.7	.	4.0
LSD VALUE	0.7	0.8	0.7	0.5
CV (%)	6.4	10.2	6.4	6.9

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 30B. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

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

NAME	GA1	KY1	TX1	MEAN
ZENITH	7.0	6.3	6.7	6.7
J-36	6.7	6.0	7.0	6.6
J-37	6.7	6.3	6.7	6.6
CHINESE COMMON	7.0	5.3	7.0	6.4
ZEN-500	6.0	6.3	7.0	6.4
ZEN-400	6.3	6.3	6.3	6.3
KOREAN COMMON	6.0	1.0	5.7	4.2
Z-18	6.3	1.7	.	4.0
LSD VALUE	0.7	0.8	0.7	0.4
CV (%)	6.3	10.2	6.6	7.5

TABLE 30C. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	GA1	TX1	MEAN
EMERALD	7.0	7.3	7.2
HT-210	7.0	7.3	7.2
VICTORIA	7.3	7.0	7.2
DALZ 9601	6.7	7.0	6.8
EL TORO	6.3	7.3	6.8
JAMUR	6.3	7.3	6.8
DE ANZA	6.3	7.0	6.7
MEYER	7.0	6.3	6.7
ZEON	6.3	7.0	6.7
MIYAKO	6.0	7.0	6.5
J-14	6.0	6.3	6.2
LSD VALUE	0.7	0.7	0.5
CV (%)	6.5	6.2	6.4

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

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

TABLE 31A. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	GAI
DE ANZA	5.7
VICTORIA	5.7
Z-18	5.7
DALZ 9601	5.5
HT-210	5.5
EMERALD	5.0
EL TORO	4.8
ZEON	4.8
J-37	4.7
MIYAKO	4.7
J-36	4.5
JAMUR	4.5
KOREAN COMMON	4.3
ZENITH	4.3
J-14	4.2
MEYER	4.2
ZEN-400	4.0
ZEN-500	4.0
CHINESE COMMON	3.0
LSD VALUE	1.5
CV (%)	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 31B. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

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

NAME	GA1
Z-18	5.7
J-37	4.7
J-36	4.5
KOREAN COMMON	4.3
ZENITH	4.3
ZEN-400	4.0
ZEN-500	4.0
CHINESE COMMON	3.0
LSD VALUE	1.5
CV (%)	30.4

TABLE 31C. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	GA1
DE ANZA	5.7
VICTORIA	5.7
DALZ 9601	5.5
HT-210	5.5
EMERALD	5.0
EL TORO	4.8
ZEON	4.8
MIYAKO	4.7
JAMUR	4.5
J-14	4.2
MEYER	4.2
LSD VALUE	1.5
CV (%)	27.5

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 32A. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	CA3
DE ANZA	6.7
HT-210	6.3
ZEON	6.3
VICTORIA	6.0
DALZ 9601	5.7
Z-18	5.7
MIYAKO	4.7
EL TORO	4.3
JAMUR	4.3
EMERALD	3.3
ZENITH	1.3
CHINESE COMMON	1.0
J-14	1.0
J-37	1.0
KOREAN COMMON	1.0
MEYER	1.0
ZEN-400	1.0
ZEN-500	1.0
LSD VALUE	0.9
CV (%)	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 32B. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

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

NAME	CA3
Z-18	5.7
ZENITH	1.3
CHINESE COMMON	1.0
J-37	1.0
KOREAN COMMON	1.0
ZEN-400	1.0
ZEN-500	1.0
LSD VALUE	0.5
CV (%)	18.0

TABLE 32C. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	CA3
DE ANZA	6.7
HT-210	6.3
ZEON	6.3
VICTORIA	6.0
DALZ 9601	5.7
MIYAKO	4.7
EL TORO	4.3
JAMUR	4.3
EMERALD	3.3
J-14	1.0
MEYER	1.0
LSD VALUE	1.0
CV (%)	14.4

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 33. PERCENT LEAF RUST RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA 2/

NAME	KY1
CHINESE COMMON	30.0
ZENITH	9.7
ZEN-400	7.3
ZEN-500	5.3
J-37	2.0
J-36	0.7
KOREAN COMMON	0.7
Z-18	0.0
LSD VALUE	10.9
CV (%)	97.3

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 34A. RUST RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

RUST RATINGS 1-9; 9=NO DISEASE 2/

NAME	VA4
DALZ 9601	9.0
DE ANZA	9.0
EL TORO	9.0
EMERALD	9.0
HT-210	9.0
JAMUR	9.0
KOREAN COMMON	9.0
MEYER	9.0
MIYAKO	9.0
VICTORIA	9.0
ZEON	9.0
Z-18	8.7
J-14	8.0
ZEN-400	4.7
J-36	4.3
J-37	4.0
ZENITH	3.0
ZEN-500	2.0
CHINESE COMMON	1.7
LSD VALUE	0.7
CV (%)	5.9

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 34B. RUST RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

RUST RATINGS 1-9; 9=NO DISEASE 2/

NAME	VA4
KOREAN COMMON	9.0
Z-18	8.7
ZEN-400	4.7
J-36	4.3
J-37	4.0
ZENITH	3.0
ZEN-500	2.0
CHINESE COMMON	1.7
LSD VALUE	0.9
CV (%)	11.6

TABLE 34C. RUST RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

RUST RATINGS 1-9; 9=NO DISEASE 2/

NAME	VA4
DALZ 9601	9.0
DE ANZA	9.0
EL TORO	9.0
EMERALD	9.0
HT-210	9.0
JAMUR	9.0
MEYER	9.0
MIYAKO	9.0
VICTORIA	9.0
ZEON	9.0
J-14	8.0
LSD VALUE	0.5
CV (%)	3.4

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 35A. MOLE CRICKET RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA

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

NAME	FL1
MIYAKO	8.3
HT-210	7.3
JAMUR	7.3
EMERALD	7.0
EL TORO	6.7
DALZ 9601	6.3
VICTORIA	6.0
Z-18	6.0
ZEN-400	6.0
DE ANZA	5.0
ZEON	5.0
ZEN-500	4.7
CHINESE COMMON	4.3
J-14	3.7
J-36	3.7
J-37	3.7
KOREAN COMMON	3.7
ZENITH	3.7
MEYER	2.0
LSD VALUE	3.5
CV (%)	40.8

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 35B. MOLE CRICKET RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA

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

NAME	FL1
Z-18	6.0
ZEN-400	6.0
ZEN-500	4.7
CHINESE COMMON	4.3
J-36	3.7
J-37	3.7
KOREAN COMMON	3.7
ZENITH	3.7
LSD VALUE	3.8
CV (%)	53.2

TABLE 35C. MOLE CRICKET RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA

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

NAME	FL1
MIYAKO	8.3
HT-210	7.3
JAMUR	7.3
EMERALD	7.0
EL TORO	6.7
DALZ 9601	6.3
VICTORIA	6.0
DE ANZA	5.0
ZEON	5.0
J-14	3.7
MEYER	2.0
LSD VALUE	3.2
CV (%)	33.6

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 36A. MOLE CRICKET RATINGS OF ZOYSIAGRASS CULTIVARS
 AT JAY, FL 1/
 1997 DATA

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

NAME	SEPTEMBER	NOVEMBER	MEAN
KOREAN COMMON	8.7	9.0	8.8
Z-18	8.7	9.0	8.8
ZEN-500	8.7	8.0	8.3
EMERALD	8.3	8.0	8.2
J-36	8.0	8.3	8.2
ZENITH	8.0	8.3	8.2
EL TORO	7.7	8.3	8.0
ZEN-400	7.7	8.3	8.0
CHINESE COMMON	8.0	7.7	7.8
DE ANZA	7.7	8.0	7.8
JAMUR	7.7	8.0	7.8
VICTORIA	8.0	7.7	7.8
MIYAKO	7.7	7.7	7.7
J-37	7.7	7.3	7.5
DALZ 9601	6.0	6.3	6.2
ZEON	6.0	6.0	6.0
HT-210	5.7	5.7	5.7
J-14	5.0	5.0	5.0
MEYER	5.0	5.0	5.0
LSD VALUE	1.4	1.3	0.8
C.V. (%)	11.3	10.9	7.1

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 36B. MOLE CRICKET RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
AT JAY, FL 1/
1997 DATA

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

NAME	SEPTEMBER	NOVEMBER	MEAN
KOREAN COMMON	8.7	9.0	8.8
Z-18	8.7	9.0	8.8
ZEN-500	8.7	8.0	8.3
J-36	8.0	8.3	8.2
ZENITH	8.0	8.3	8.2
ZEN-400	7.7	8.3	8.0
CHINESE COMMON	8.0	7.7	7.8
J-37	7.7	7.3	7.5
LSD VALUE	-	-	1.1
C.V. (%)	8.2	11.3	6.2

TABLE 36C. MOLE CRICKET RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
AT JAY, FL 1/
1997 DATA

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

NAME	SEPTEMBER	NOVEMBER	MEAN
EMERALD	8.3	8.0	8.2
EL TORO	7.7	8.3	8.0
DE ANZA	7.7	8.0	7.8
JAMUR	7.7	8.0	7.8
VICTORIA	8.0	7.7	7.8
MIYAKO	7.7	7.7	7.7
DALZ 9601	6.0	6.3	6.2
ZEON	6.0	6.0	6.0
HT-210	5.7	5.7	5.7
J-14	5.0	5.0	5.0
MEYER	5.0	5.0	5.0
LSD VALUE	1.1	0.9	0.8
C.V. (%)	10.4	8.7	7.7

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 37A. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1997 DATA 2/

NAME	IN1	SC1	VA4	MEAN
J-37	55.0	81.7	73.3	70.0
J-36	55.0	83.3	63.3	67.2
CHINESE COMMON	48.3	85.0	63.3	65.6
ZENITH	15.0	83.3	78.3	58.9
ZEN-500	33.3	83.3	53.3	56.7
ZEN-400	8.3	85.0	71.7	55.0
Z-18	11.7	73.3	63.3	49.4
MIYAKO	15.0	78.3	13.3	35.6
EL TORO	13.3	70.0	11.7	31.7
DE ANZA	10.0	70.0	13.3	31.1
HT-210	6.7	80.0	5.0	30.6
JAMUR	13.3	63.3	11.7	29.4
J-14	10.0	65.0	10.0	28.3
DALZ 9601	8.3	66.7	5.0	26.7
VICTORIA	10.0	61.7	5.0	25.6
EMERALD	6.7	60.0	6.7	24.4
MEYER	8.3	56.7	6.7	23.9
KOREAN COMMON	0.0	58.3	10.0	22.8
ZEON	2.3	56.7	5.0	21.3
LSD VALUE	19.7	9.4	9.6	7.9
CV (%)	70.2	8.2	20.0	21.6

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 37B. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1997 DATA 2/

NAME	IN1	SC1	VA4	MEAN
J-37	55.0	81.7	73.3	70.0
J-36	55.0	83.3	63.3	67.2
CHINESE COMMON	48.3	85.0	63.3	65.6
ZENITH	15.0	83.3	78.3	58.9
ZEN-500	33.3	83.3	53.3	56.7
ZEN-400	8.3	85.0	71.7	55.0
Z-18	11.7	73.3	63.3	49.4
KOREAN COMMON	0.0	58.3	10.0	22.8
LSD VALUE	29.6	9.4	14.3	11.4
CV (%)	64.9	7.4	14.9	22.0

TABLE 37C. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1997 DATA 2/

NAME	IN1	SC1	VA4	MEAN
MIYAKO	15.0	78.3	13.3	35.6
EL TORO	13.3	70.0	11.7	31.7
DE ANZA	10.0	70.0	13.3	31.1
HT-210	6.7	80.0	5.0	30.6
JAMUR	13.3	63.3	11.7	29.4
J-14	10.0	65.0	10.0	28.3
DALZ 9601	8.3	66.7	5.0	26.7
VICTORIA	10.0	61.7	5.0	25.6
EMERALD	6.7	60.0	6.7	24.4
MEYER	8.3	56.7	6.7	23.9
ZEON	2.3	56.7	5.0	21.3
LSD VALUE	5.6	9.4	3.4	3.8
CV (%)	36.5	8.8	25.1	14.6

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 38A.

ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS
AT RIVERSIDE, CA 1/
1997 DATA

ESTABLISHMENT RATINGS 1-9; 9=BEST 2/

NAME	AUG. 96	SEP. 96	OCT. 96	NOV. 96	DEC. 96	JAN. 97	FEB. 97	MAR. 97	MAY 97	JUN. 97	MEAN
Z-18	2.3	5.7	6.3	7.7	8.0	8.0	8.0	8.0	8.3	8.3	7.1
J-37	3.0	5.7	6.0	7.3	7.3	7.3	7.7	8.0	9.0	8.7	7.0
CHINESE COMMON	2.7	4.7	5.7	6.7	6.7	6.7	6.7	7.7	8.0	8.7	6.4
ZEN-400	2.3	4.0	5.3	7.0	7.0	7.0	7.0	7.7	8.0	8.3	6.4
MIYAKO	2.0	2.0	5.3	6.7	6.7	6.7	7.3	8.0	9.0	9.0	6.3
ZENITH	2.0	4.0	5.3	6.3	6.7	6.7	7.3	7.7	8.3	8.7	6.3
EL TORO	2.0	2.0	5.0	6.7	6.7	6.7	7.0	7.7	8.7	8.7	6.1
ZEN-500	2.0	3.3	4.7	6.0	6.0	6.0	6.0	7.3	7.7	8.3	5.7
JAMUR	2.0	2.0	3.7	5.0	5.3	5.3	6.0	7.3	8.7	9.0	5.4
DE ANZA	2.0	2.0	3.7	4.7	4.7	5.0	5.7	6.0	7.3	8.7	5.0
J-14	2.0	2.0	3.3	4.3	4.3	4.3	5.0	5.7	8.0	8.0	4.7
VICTORIA	2.0	2.0	3.3	3.7	4.0	4.7	4.7	5.3	8.0	8.7	4.6
ZEON	2.0	2.0	3.0	3.3	3.3	3.7	4.7	5.7	7.3	8.0	4.3
DALZ 9601	2.0	2.0	2.7	3.0	3.0	3.0	4.0	5.3	7.0	8.0	4.0
HT-210	2.0	2.0	2.7	3.0	3.0	3.3	4.7	5.3	6.7	7.7	4.0
EMERALD	2.0	2.0	3.0	3.0	3.0	3.3	4.0	4.7	6.7	7.3	3.9
MEYER	2.0	2.0	2.7	2.7	3.0	3.0	3.0	3.3	5.0	5.0	3.2
KOREAN COMMON	1.0	1.0	1.7	2.0	2.0	2.0	2.0	2.0	2.3	2.7	1.9
LSD VALUE	0.6	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.9	0.6
C.V. (%)	15.5	26.0	16.5	13.4	11.6	12.0	10.0	8.7	6.7	7.9	8.4

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

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

TABLE 38B.

ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
AT RIVERSIDE, CA 1/
1997 DATA

ESTABLISHMENT RATINGS 1-9; 9=BEST 2/

NAME	AUG. 96	SEP. 96	OCT. 96	NOV. 96	DEC. 96	JAN. 97	FEB. 97	MAR. 97	MAY 97	JUN. 97	MEAN
Z-18	2.3	5.7	6.3	7.7	8.0	8.0	8.0	8.0	8.3	8.3	7.1
J-37	3.0	5.7	6.0	7.3	7.3	7.3	7.7	8.0	9.0	8.7	7.0
CHINESE COMMON	2.7	4.7	5.7	6.7	6.7	6.7	6.7	7.7	8.0	8.7	6.4
ZEN-400	2.3	4.0	5.3	7.0	7.0	7.0	7.0	7.7	8.0	8.3	6.4
ZENITH	2.0	4.0	5.3	6.3	6.7	6.7	7.3	7.7	8.3	8.7	6.3
ZEN-500	2.0	3.3	4.7	6.0	6.0	6.0	6.0	7.3	7.7	8.3	5.7
KOREAN COMMON	1.0	1.0	1.7	2.0	2.0	2.0	2.0	2.0	2.3	2.7	1.9
LSD VALUE	0.9	1.6	1.2	1.1	1.1	1.1	1.0	0.9	0.7	1.2	0.8
C.V. (%)	21.9	23.2	13.8	10.5	11.0	11.0	9.9	7.7	5.9	9.7	8.9

TABLE 38C.

ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
AT RIVERSIDE, CA 1/
1997 DATA

ESTABLISHMENT RATINGS 1-9; 9=BEST 2/

NAME	AUG. 96	SEP. 96	OCT. 96	NOV. 96	DEC. 96	JAN. 97	FEB. 97	MAR. 97	MAY 97	JUN. 97	MEAN
MIYAKO	2	2	5.3	6.7	6.7	6.7	7.3	8.0	9.0	9.0	6.3
EL TORO	2	2	5.0	6.7	6.7	6.7	7.0	7.7	8.7	8.7	6.1
JAMUR	2	2	3.7	5.0	5.3	5.3	6.0	7.3	8.7	9.0	5.4
DE ANZA	2	2	3.7	4.7	4.7	5.0	5.7	6.0	7.3	8.7	5.0
J-14	2	2	3.3	4.3	4.3	4.3	5.0	5.7	8.0	8.0	4.7
VICTORIA	2	2	3.3	3.7	4.0	4.7	4.7	5.3	8.0	8.7	4.6
ZEON	2	2	3.0	3.3	3.3	3.7	4.7	5.7	7.3	8.0	4.3
DALZ 9601	2	2	2.7	3.0	3.0	3.0	4.0	5.3	7.0	8.0	4.0
HT-210	2	2	2.7	3.0	3.0	3.3	4.7	5.3	6.7	7.7	4.0
EMERALD	2	2	3.0	3.0	3.0	3.3	4.0	4.7	6.7	7.3	3.9
MEYER	2	2	2.7	2.7	3.0	3.0	3.0	3.3	5.0	5.0	3.2
LSD VALUE	-	-	0.7	0.8	0.7	0.7	0.8	0.8	0.9	0.9	0.4
C.V. (%)	0	0	13.1	12.4	10.2	9.7	9.6	8.4	7.2	6.7	5.0

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

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

TABLE 39A. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
 AT GRIFFIN, GA 2/
 1997 DATA

NAME	PERCENT ESTABLISHMENT AFTER PLANTING			
	8 WEEKS	10 WEEKS	12 WEEKS	MEAN
CHINESE COMMON	80.0	88.3	85.0	84.4
J-36	70.0	81.7	83.3	78.3
ZENITH	65.0	81.7	86.7	77.8
ZEN-400	70.0	78.3	83.3	77.2
MIYAKO	63.3	73.3	78.3	71.7
J-37	65.0	73.3	75.0	71.1
ZEN-500	61.7	71.7	73.3	68.9
Z-18	56.7	66.7	68.3	63.9
EL TORO	50.0	63.3	68.3	60.6
JAMUR	48.3	63.3	65.0	58.9
J-14	43.3	60.0	65.0	56.1
DE ANZA	46.7	56.7	63.3	55.6
HT-210	40.0	56.7	58.3	51.7
MEYER	38.3	50.0	55.0	47.8
VICTORIA	33.3	46.7	51.7	43.9
DALZ 9601	30.0	46.7	51.7	42.8
EMERALD	31.7	45.0	46.7	41.1
KOREAN COMMON	23.3	41.7	43.3	36.1
ZEON	25.0	35.0	46.7	35.6
LSD VALUE	8.9	10.3	10.5	7.9
C.V. (%)	12.0	10.9	10.4	8.9

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

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

TABLE 39B. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
 AT GRIFFIN, GA 2/
 1997 DATA

NAME	PERCENT ESTABLISHMENT AFTER PLANTING			
	8 WEEKS	10 WEEKS	12 WEEKS	MEAN
CHINESE COMMON	80.0	88.3	85.0	84.4
J-36	70.0	81.7	83.3	78.3
ZENITH	65.0	81.7	86.7	77.8
ZEN-400	70.0	78.3	83.3	77.2
J-37	65.0	73.3	75.0	71.1
ZEN-500	61.7	71.7	73.3	68.9
Z-18	56.7	66.7	68.3	63.9
KOREAN COMMON	23.3	41.7	43.3	36.1
LSD VALUE	11.3	7.8	10.3	7.7
C.V. (%)	11.2	6.6	8.4	6.8

TABLE 39C. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
 AT GRIFFIN, GA 2/
 1997 DATA

NAME	PERCENT ESTABLISHMENT AFTER PLANTING			
	8 WEEKS	10 WEEKS	12 WEEKS	MEAN
MIYAKO	63.3	73.3	78.3	71.7
EL TORO	50.0	63.3	68.3	60.6
JAMUR	48.3	63.3	65.0	58.9
J-14	43.3	60.0	65.0	56.1
DE ANZA	46.7	56.7	63.3	55.6
HT-210	40.0	56.7	58.3	51.7
MEYER	38.3	50.0	55.0	47.8
VICTORIA	33.3	46.7	51.7	43.9
DALZ 9601	30.0	46.7	51.7	42.8
EMERALD	31.7	45.0	46.7	41.1
ZEON	25.0	35.0	46.7	35.6
LSD VALUE	8.0	13.0	11.1	8.1
C.V. (%)	12.3	14.1	11.2	9.8

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 40A. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
 AT LEXINGTON, KY 2/
 1997 DATA

NAME	AUGUST	SEPTEMBER	MEAN
CHINESE COMMON	80.0	99.0	89.5
Z-18	80.0	98.7	89.3
J-36	78.3	97.7	88.0
J-37	75.0	99.0	87.0
ZENITH	73.3	98.7	86.0
EL TORO	88.3	83.3	85.8
ZEN-400	53.3	99.0	76.2
ZEN-500	43.3	97.7	70.5
MIYAKO	65.0	68.3	66.7
J-14	65.0	63.0	64.0
DE ANZA	39.3	66.7	53.0
JAMUR	45.0	61.0	53.0
VICTORIA	28.3	55.7	42.0
DALZ 9601	19.0	54.3	36.7
HT-210	16.7	50.7	33.7
MEYER	14.3	52.0	33.2
ZEON	11.3	51.7	31.5
EMERALD	8.7	48.3	28.5
KOREAN COMMON	0.0	15.0	7.5
LSD VALUE	12.5	7.9	8.4
C.V. (%)	18.1	7.5	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 40B. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
 AT LEXINGTON, KY 2/
 1997 DATA

NAME	AUGUST	SEPTEMBER	MEAN
CHINESE COMMON	80.0	99.0	89.5
Z-18	80.0	98.7	89.3
J-36	78.3	97.7	88.0
J-37	75.0	99.0	87.0
ZENITH	73.3	98.7	86.0
ZEN-400	53.3	99.0	76.2
ZEN-500	43.3	97.7	70.5
KOREAN COMMON	0.0	15.0	7.5
LSD VALUE	15.9	3.2	8.3
C.V. (%)	16.2	2.3	7.0

TABLE 40C. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
 AT LEXINGTON, KY 2/
 1997 DATA

NAME	AUGUST	SEPTEMBER	MEAN
EL TORO	88.3	83.3	85.8
MIYAKO	65.0	68.3	66.7
J-14	65.0	63.0	64.0
DE ANZA	39.3	66.7	53.0
JAMUR	45.0	61.0	53.0
VICTORIA	28.3	55.7	42.0
DALZ 9601	19.0	54.3	36.7
HT-210	16.7	50.7	33.7
MEYER	14.3	52.0	33.2
ZEON	11.3	51.7	31.5
EMERALD	8.7	48.3	28.5
LSD VALUE	9.8	7.3	6.2
C.V. (%)	17.4	7.7	8.4

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

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

TABLE 41A. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
 AT SILVER SPRING, MD 2/
 1997 DATA

NAME	SPRING	SUMMER	FALL	MEAN
J-37	21.7	53.3	88.3	54.4
J-36	21.7	45.0	86.7	51.1
CHINESE COMMON	16.7	46.7	85.0	49.4
ZENITH	21.7	45.0	78.3	48.3
ZEN-400	16.7	28.3	81.7	42.2
ZEN-500	13.3	25.0	61.7	33.3
EL TORO	8.3	18.3	46.7	24.4
J-14	10.0	16.7	35.0	20.6
MIYAKO	11.7	18.3	30.0	20.0
DALZ 9601	11.7	15.0	28.3	18.3
MEYER	10.0	13.3	28.3	17.2
EMERALD	6.7	16.7	26.7	16.7
ZEON	10.0	11.7	26.7	16.1
JAMUR	5.0	11.7	26.7	14.4
DE ANZA	8.3	10.0	21.7	13.3
VICTORIA	5.0	6.7	10.0	7.2
KOREAN COMMON	1.3	5.0	8.3	4.9
Z-18	2.3	4.0	5.0	3.8
HT-210	1.7	3.0	5.0	3.2
LSD VALUE	9.2	18.8	14.3	11.6
C.V. (%)	50.4	55.2	23.3	31.4

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 41B. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
AT SILVER SPRING, MD 2/
1997 DATA

NAME	SPRING	SUMMER	FALL	MEAN
J-37	21.7	53.3	88.3	54.4
J-36	21.7	45.0	86.7	51.1
CHINESE COMMON	16.7	46.7	85.0	49.4
ZENITH	21.7	45.0	78.3	48.3
ZEN-400	16.7	28.3	81.7	42.2
ZEN-500	13.3	25.0	61.7	33.3
KOREAN COMMON	1.3	5.0	8.3	4.9
Z-18	2.3	4.0	5.0	3.8
LSD VALUE	10.1	30.3	19.4	16.5
C.V. (%)	39.6	51.1	19.3	27.5

TABLE 41C. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
AT SILVER SPRING, MD 2/
1997 DATA

NAME	SPRING	SUMMER	FALL	MEAN
EL TORO	8.3	18.3	46.7	24.4
J-14	10.0	16.7	35.0	20.6
MIYAKO	11.7	18.3	30.0	20.0
DALZ 9601	11.7	15.0	28.3	18.3
MEYER	10.0	13.3	28.3	17.2
EMERALD	6.7	16.7	26.7	16.7
ZEON	10.0	11.7	26.7	16.1
JAMUR	5.0	11.7	26.7	14.4
DE ANZA	8.3	10.0	21.7	13.3
VICTORIA	5.0	6.7	10.0	7.2
HT-210	1.7	3.0	5.0	3.2
LSD VALUE	11.1	6.2	12.7	7.7
C.V. (%)	57.5	28.1	29.1	28.5

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 42. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
 AT MISSISSIPPI STATE, MS 2/
 1997 DATA

NAME	<u>PERCENT ESTABLISHMENT AFTER PLANTING</u>		
	8 WEEKS	11 WEEKS	MEAN
MIYAKO	41.7	51.7	46.7
JAMUR	36.7	50.0	43.3
DE ANZA	33.3	48.3	40.8
EL TORO	33.3	41.7	37.5
VICTORIA	26.7	36.7	31.7
J-14	26.7	31.7	29.2
MEYER	26.7	31.7	29.2
HT-210	25.0	31.7	28.3
EMERALD	25.0	30.0	27.5
DALZ 9601	21.7	30.0	25.8
ZEON	23.3	28.3	25.8
LSD VALUE	5.0	8.9	6.3
C.V. (%)	10.6	14.4	11.7

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

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