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

Special Projects Coordinator - Dr. Robert Shearman, University of Nebraska

CURRENT POLICY COMMITTEE MEMBERS:

Mr. Craig Edminster, Cebeco International Seeds, Inc.
Dr. Thomas Fermanian, University of Illinois
Dr. Donald Floyd, Pickseed West, Inc.
Dr. Michael Kenna, USGA Green Section
Dr. Anthony Koski, Colorado State University
Dr. Peter Landschoot, Penn State University
Dr. Dennis Martin, Oklahoma State University
Dr. Jeffrey Nus, Golf Course Superintendents Assoc. of America
Mr. Ike Thomas, Turfgrass America, Inc.

FOR ADDITIONAL REPORTS OR INFORMATION CONTACT:

Kevin Morris, Executive Director
National Turfgrass Evaluation Program
Beltsville Agricultural Research Center-West
Building 001, Room 245
Beltsville, Maryland 20705
kmorris@ntep.org
www.ntep.org

CONTENTS

1996 National Zoysiagrass Test - 1999 data

LOCATIONS SUBMITTING DATA FOR 1999.....1

NATIONAL ZOYSIAGRASS TEST, 1996 Entries and Sponsors.....2

Table A - 1999 Locations, Site Descriptions and Management Practices in the 1996 National Zoysiagrass Test.....3

Table B - Locations and Data Collected in 1999.....4

Table 1A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at Sixteen Locations in the U.S 7

Table 1B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown at Sixteen Locations in the U.S 8

Table 1C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown at Sixteen Locations in the U.S 8

Table 2A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars for Each Month Grown at Sixteen Locations in the U.S.....9

Table 2B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars for Each Month Grown at Sixteen Locations in the U.S....10

Table 2C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars for Each Month Grown at Sixteen Locations in the U.S....10

Table 3A- Ranking of Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at Sixteen Locations in the U.S.....11

Table 3B- Ranking of Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown at Sixteen Locations in the U.S.....12

Table 3C- Ranking of Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown at Sixteen Locations in the U.S.....12

Table 4A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at Different Nitrogen Levels.....13

Table 4B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Grown Cultivars at Different Nitrogen Levels.....14

Table 4C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Grown Cultivars at Different Nitrogen Levels.....14

Table 5A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at 0.0-2.0 lbs. of Nitrogen/1000 Sq. Ft./Year.....15

CONTENTS (continued)

Table 5B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown at 0.0-2.0 lbs. of Nitrogen/1000 Sq. Ft./Year.....16

Table 5C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown at 0.0-2.0 lbs. of Nitrogen/1000 Sq. Ft./Year.....16

Table 6A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at 2.1-3.0 lbs. of Nitrogen/1000 Sq. Ft./Year.....17

Table 6B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown at 2.1-3.0 lbs. of Nitrogen/1000 Sq. Ft./Year.....18

Table 6C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown at 2.1-3.0 lbs. of Nitrogen/1000 Sq. Ft./Year.....18

Table 7A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at 3.1-4.0 lbs. of Nitrogen/1000 Sq. Ft./Year.....19

Table 7B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown at 3.1-4.0 lbs. of Nitrogen/1000 Sq. Ft./Year.....20

Table 7C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown at 3.1-4.0 lbs. of Nitrogen/1000 Sq. Ft./Year.....20

Table 8A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at 4.1+ lbs. of Nitrogen/1000 Sq. Ft./Year.....21

Table 8B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown at 4.1+ lbs. of Nitrogen/1000 Sq. Ft./Year.....22

Table 8C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown at 4.1+ lbs. of Nitrogen/1000 Sq. Ft./Year.....22

Table 9A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at Different Mowing Heights.....23

Table 9B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown at Different Mowing Heights.....24

Table 9C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown at Different Mowing Heights.....24

Table 10A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at a 0.5-1.0 Inch Mowing Height.....25

Table 10B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown at a 0.5-1.0 Inch Mowing Height.....26

Table 10C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown at a 0.5-1.0 Inch Mowing Height.....26

Table 11A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at a 1.1-1.5 Inch Mowing Height.....27

CONTENTS (continued)

Table 11B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown at a 1.1-1.5 Inch Mowing Height.....28

Table 11C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown at a 1.1-1.5 Inch Mowing Height.....28

Table 12A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at a 1.6+ Inch Mowing Height.....29

Table 12B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown at a 1.6+ Inch Mowing Height.....30

Table 12C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown at a 1.6+ Inch Mowing Height.....30

Table 13A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown Under Different Irrigation Levels.....31

Table 13B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown Under Different Irrigation Levels.....32

Table 13C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown Under Different Irrigation Levels.....32

Table 14A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown Under Irrigation to Prevent Stress.....33

Table 14B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown Under Irrigation to Prevent Stress.....34

Table 14C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown Under Irrigation to Prevent Stress.....34

Table 15A- Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown Under Irrigation to Prevent Dormancy.....35

Table 15B- Mean Turfgrass Quality Ratings of Zoysiagrass (Seeded) Cultivars Grown Under Irrigation to Prevent Dormancy.....36

Table 15C- Mean Turfgrass Quality Ratings of Zoysiagrass (Vegetative) Cultivars Grown Under Irrigation to Prevent Dormancy.....36

Table 16A- Genetic Color Ratings of Zoysiagrass Cultivars.....37

Table 16B- Genetic Color Ratings of Zoysiagrass (Seeded) Cultivars.....38

Table 16C- Genetic Color Ratings of Zoysiagrass (Vegetative) Cultivars.....38

Table 17A- Spring Greenup Ratings of Zoysiagrass Cultivars.....39

Table 17B- Spring Greenup Ratings of Zoysiagrass (Seeded) Cultivars.....40

CONTENTS (continued)

Table 17C- Spring Greenup Ratings of Zoysiagrass (Vegetative) Cultivars.....40

Table 18A- Leaf Texture Ratings of Zoysiagrass Cultivars.....41

Table 18B- Leaf Texture Ratings of Zoysiagrass (Seeded) Cultivars.....42

Table 18C- Leaf Texture Ratings of Zoysiagrass (Vegetative) Cultivars.....42

Table 19A- Spring Density Ratings of Zoysiagrass Cultivars.....43

Table 19B- Spring Density Ratings of Zoysiagrass (Seeded) Cultivars.....44

Table 19C- Spring Density Ratings of Zoysiagrass (Vegetative) Cultivars.....44

Table 20A- Summer Density Ratings of Zoysiagrass Cultivars.....45

Table 20B- Summer Density Ratings of Zoysiagrass (Seeded) Cultivars.....46

Table 20C- Summer Density Ratings of Zoysiagrass (Vegetative) Cultivars.....46

Table 21A- Fall Density Ratings of Zoysiagrass Cultivars.....47

Table 21B- Fall Density Ratings of Zoysiagrass (Seeded) Cultivars.....48

Table 21C- Fall Density Ratings of Zoysiagrass (Vegetative) Cultivars.....48

Table 22A- Percent Living Ground Cover (Spring) Ratings of Zoysiagrass Cultivars.....49

Table 22B- Percent Living Ground Cover (Spring) Ratings of Zoysiagrass (Seeded) Cultivars.....50

Table 22C- Percent Living Ground Cover (Spring) Ratings of Zoysiagrass (Vegetative) Cultivars.....50

Table 23A- Percent Living Ground Cover (Summer) Ratings of Zoysiagrass Cultivars.....51

Table 23B- Percent Living Ground Cover (Summer) Ratings of Zoysiagrass (Seeded) Cultivars.....52

Table 23C- Percent Living Ground Cover (Summer) Ratings of Zoysiagrass (Vegetative) Cultivars.....52

Table 24A- Percent Living Ground Cover (Fall) Ratings of Zoysiagrass Cultivars.....53

Table 24B- Percent Living Ground Cover (Fall) Ratings of Zoysiagrass (Seeded) Cultivars.....54

Table 24C- Percent Living Ground Cover (Fall) Ratings of Zoysiagrass (Vegetative) Cultivars.....54

CONTENTS (continued)

Table 25A- Frost Tolerance Ratings of Zoysiagrass Cultivars.....55

Table 25B- Frost Tolerance Ratings of Zoysiagrass (Seeded) Cultivars.....56

Table 25C- Frost Tolerance Ratings of Zoysiagrass (Vegetative) Cultivars.....56

Table 26A- Winter Color Ratings of Zoysiagrass Cultivars.....57

Table 26B- Winter Color Ratings of Zoysiagrass (Seeded) Cultivars.....58

Table 26C- Winter Color Ratings of Zoysiagrass (Vegetative) Cultivars.....58

Table 27A- Drought Tolerance (Recovery) Ratings of Zoysiagrass Cultivars.....59

Table 27B- Drought Tolerance (Recovery)_Ratings of Zoysiagrass (Seeded) Cultivars.....60

Table 27C- Drought Tolerance (Recovery) Ratings of Zoysiagrass (Vegetative) Cultivars.....60

Table 28A- Fall Color (September) Ratings of Zoysiagrass Cultivars.....61

Table 28B- Fall Color (September) Ratings of Zoysiagrass (Seeded) Cultivars..62

Table 28C- Fall Color (September) Ratings of Zoysiagrass (Vegetative) Cultivars.....62

Table 29A- Fall Color (October) Ratings of Zoysiagrass Cultivars.....63

Table 29B- Fall Color (October) Ratings of Zoysiagrass (Seeded) Cultivars....64

Table 29C- Fall Color (October) Ratings of Zoysiagrass (Vegetative) Cultivars.....64

Table 30A- Fall Color (November) Ratings of Zoysiagrass Cultivars.....65

Table 30B- Fall Color (November) Ratings of Zoysiagrass (Seeded) Cultivars...66

Table 30C- Fall Color (November) Ratings of Zoysiagrass (Vegetative) Cultivars.....66

Table 31A- Fall Color (December) Ratings of Zoysiagrass Cultivars.....67

Table 31B- Fall Color (December) Ratings of Zoysiagrass (Seeded) Cultivars...68

Table 31C- Fall Color (December) Ratings of Zoysiagrass (Vegetative) Cultivars.....68

Table 32A- Seedhead Ratings of Zoysiagrass Cultivars.....69

Table 32B- Seedhead Ratings of Zoysiagrass (Seeded) Cultivars.....70

CONTENTS (continued)

Table 32C- Seedhead Ratings of Zoysiagrass (Vegetative) Cultivars.....70

Table 33A- Yellow Patch Ratings of Zoysiagrass Cultivars.....71

Table 33B- Yellow Patch Ratings of Zoysiagrass (Seeded) Cultivars.....72

Table 33C- Yellow Patch Ratings of Zoysiagrass (Vegetative) Cultivars.....72

Table 34A- Canopy Height Measurements of Zoysiagrass Cultivars.....73

Table 34B- Canopy Height Measurements of Zoysiagrass (Seeded) Cultivars.....74

Table 34C- Canopy Height Measurements Ratings of Zoysiagrass (Vegetative) Cultivars.....74

Table 35A- Zoysia Mite (June) Ratings of Zoysiagrass Cultivars.....75

Table 35B- Zoysia Mite (June) Ratings of Zoysiagrass (Seeded) Cultivars.....76

Table 35C- Zoysia Mite (June) Ratings of Zoysiagrass (Vegetative) Cultivars..76

Table 36A- Chlorosis Ratings of Zoysiagrass Cultivars at Riverside, CA.....77

Table 36B- Chlorosis Ratings of Zoysiagrass (Seeded) Cultivars at Riverside, CA.....78

Table 36C- Chlorosis Ratings of Zoysiagrass (Vegetative) Cultivars at Riverside, CA.....78

Table 37A- Scalping Ratings of Zoysiagrass Cultivars at Riverside, CA.....79

Table 37B- Scalping Ratings of Zoysiagrass (Seeded) Cultivars at Riverside, CA.....80

Table 37C- Scalping Ratings of Zoysiagrass (Vegetative) Cultivars at Riverside, CA.....80

Table 38A- Dormancy Ratings of Zoysiagrass Cultivars at Riverside, CA.....81

Table 38B- Dormancy Ratings of Zoysiagrass (Seeded) Cultivars at Riverside, CA.....82

Table 38C- Dormancy Ratings of Zoysiagrass (Vegetative) Cultivars at Riverside, CA.....82

1996 NATIONAL ZOYSIAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 1999

State	Location	Code
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
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	AgriBioTech, Inc./ Turf Merchants, Inc.
2	ZEN-400	Seeded	AgriBioTech, Inc./ Turf Merchants, Inc.
3	Zenith	Seeded	Patten Seed Company
4	J-36	Seeded	Simplot Turf & Horticulture
5	J-37	Seeded	Simplot Turf & Horticulture
6	Chinese Common	Seeded	Standard entry
7	Z-18	Seeded	Cebeco International Seeds, Inc.
8	Korean Common	Seeded	Standard entry
9	DALZ 9601	Vegetative	Texas A&M University
10	J-14	Vegetative	Simplot Turf & Horticulture
11	Miyako	Vegetative	Japan Turfgrass, Inc.
12	HT-210	Vegetative	Horizon Turfgrass
13	DeAnza	Vegetative	Turfgrass America
14	Victoria	Vegetative	Turfgrass America
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. 1999 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	61-150	151-240	2.1-3.0	FULL SUN	2.1-2.5	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	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
FL3	SANDY LOAM	6.1-6.5	151-270	241-375	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
GA1	-	-	-	-	-	-	-	-
IL2	-	-	-	-	-	-	-	-
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	376-500	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
LA1	SILT LOAM AND SILT	-	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	7.1-7.5	151-270	0-150	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
TX1	SILTY CLAY AND CLAY	7.6-8.5	0-60	0-150	0.0-1.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
TX3	SANDY LOAM	6.6-7.0	0-60	0-150	4.1-5.0	-	1.6-2.0	TO PREVENT STRESS
VA4	-	-	-	-	-	-	-	-

TABLE B. LOCATIONS AND DATA COLIECTED IN 1999

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1					X	X	X	X	X	X			X	X	X
CA3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FL1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
FL3				X	X	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	X
IN1					X	X	X	X	X				X	X	X
KS1					X	X	X	X	X				X	X	X
KY1				X	X	X	X	X	X	X			X	X	X
LA1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MD1					X	X	X	X	X				X	X	
MO1					X	X	X	X	X	X			X	X	X
MS1				X	X	X	X	X	X	X	X		X	X	X
TX1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TX3			X	X	X	X	X	X	X	X	X				
VA4						X		X	X				X	X	

TABLE B. (CONT'D) LOCATIONS AND DATA COLIECTED IN 1999

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	DROUGHT TOLERANCE RECOVERY	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	SEEDHEAD RATINGS
AR1		X	X											
CA3								X			X	X	X	X
FL1	X	X	X	X	X	X		X		X	X	X	X	X
FL3										X	X	X		
GA1									X			X		X
IL2				X	X	X								
IN1				X										
KS1														
KY1		X		X										
LA1	X	X	X					X						
MD1							X							
MO1					X		X							
MS1														
TX1	X	X												
TX3			X			X								
VA4														

TABLE B. (CONT'D) LOCATIONS AND DATA COLIECTED IN 1999

LOCATION	YELLOW PATCH	CANOPY HEIGHT	ZOYSIA MITE	CHLOROSIS MARCH	CHLOROSIS APRIL	SCALPING APRIL	SCALPING OCTOBER	DORMANCY APRIL	DORMANCY JULY	DORMANCY AUGUST
AR1										
CA3	X			X	X	X	X			
FL1										
FL3										
GA1								X	X	X
IL2		X								
IN1										
KS1										
KY1										
LA1										
MD1										
MO1			X							
MS1										
TX1										
TX3										
VA4										

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	TX3	VA4	MEAN
DALZ 9601	8.0	6.1	5.9	7.5	7.2	7.2	6.5	7.1	7.5	7.1	7.5	5.9	7.8	6.1	4.2	7.1	6.8
* EMERALD	7.7	5.8	5.9	7.7	6.8	7.3	6.9	7.8	5.2	7.3	7.0	6.3	7.5	6.4	5.1	7.1	6.7
* ZEON	7.8	5.7	6.0	7.9	6.5	7.6	6.1	6.7	4.4	7.3	7.5	5.9	7.8	6.2	4.9	7.2	6.6
* EL TORO	6.2	5.5	6.8	7.6	6.4	4.4	4.1	6.5	8.0	6.6	7.1	5.7	5.7	6.0	5.0	6.8	6.1
* JAMUR	6.6	5.3	6.6	7.8	6.1	3.7	4.8	6.5	7.4	6.5	6.8	5.7	5.7	6.1	5.0	6.7	6.1
* VICTORIA	6.3	6.8	6.2	8.0	6.6	6.8	1.1	6.0	4.5	7.0	6.8	3.7	6.7	5.3	4.7	6.9	5.8
* DE ANZA	6.7	6.3	6.4	7.6	6.4	5.8	2.2	4.3	4.5	6.7	7.8	3.4	6.4	5.4	3.9	6.9	5.7
J-14	5.8	4.3	4.5	6.8	5.2	5.1	5.9	6.3	6.9	6.0	6.9	4.4	4.8	5.6	4.0	6.7	5.6
MIYAKO	5.6	4.8	6.1	7.3	6.0	3.0	3.9	5.3	6.4	6.3	6.8	4.4	5.4	5.4	5.0	6.7	5.5
* MEYER	7.0	5.0	3.4	5.0	6.6	5.5	6.7	5.5	5.1	6.8	6.8	3.9	4.9	4.3	3.9	6.8	5.5
* ZEN-400	5.0	4.7	5.1	6.8	5.7	3.7	5.7	6.3	6.4	5.8	6.8	4.8	4.9	4.4	3.3	6.2	5.3
* J-37	5.2	4.7	4.5	6.3	5.5	4.1	5.4	6.3	6.8	5.8	6.3	4.8	4.9	4.6	4.3	6.2	5.3
HT-210	5.8	4.7	5.0	7.4	5.9	6.5	1.0	5.1	.	7.4	3.9	1.5	7.4	5.7	5.1	6.8	5.3
* J-36	5.1	.	4.6	6.6	5.5	3.5	5.1	6.2	6.3	5.7	6.5	4.4	4.8	4.6	4.0	6.2	5.3
* ZEN-500	4.9	4.9	3.4	6.3	5.7	3.6	5.4	4.9	6.9	5.8	6.4	4.1	4.8	5.1	4.2	6.6	5.2
* ZENITH	4.4	5.1	3.9	5.6	5.7	5.3	4.9	5.5	5.3	5.7	6.9	3.7	4.5	4.5	3.8	6.4	5.1
* CHINESE COMMON	4.2	4.5	4.2	5.7	5.4	3.3	4.5	6.0	5.9	5.5	5.9	4.4	4.5	4.5	4.0	5.9	4.9
* KOREAN COMMON	4.1	4.4	4.1	6.3	5.3	2.8	3.9	4.7	5.5	5.2	5.4	2.9	4.4	4.4	4.0	5.9	4.6
* Z-18	.	4.1	3.5	5.3	5.3	.	1.3	5.2	5.5	6.3	5.9	2.2	4.2	.	3.2	6.6	4.5
LSD VALUE	1.4	0.4	0.9	0.6	0.5	1.0	1.0	1.2	1.0	0.4	0.8	1.2	0.6	1.0	1.2	0.4	0.2
C.V. (%)	14.5	5.2	10.4	5.7	4.8	12.5	13.6	12.1	9.4	3.6	7.1	16.6	6.5	11.5	17.6	3.7	9.8

* COMMERCIALLY AVAILABLE IN THE USA IN 2000.

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/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	TX3	VA4	MEAN
ZEN-400	5.0	4.7	5.1	6.8	5.7	3.7	5.7	6.3	6.4	5.8	6.8	4.8	4.9	4.4	3.3	6.2	5.3
J-37	5.2	4.7	4.5	6.3	5.5	4.1	5.4	6.3	6.8	5.8	6.3	4.8	4.9	4.6	4.3	6.2	5.3
J-36	5.1	.	4.6	6.6	5.5	3.5	5.1	6.2	6.3	5.7	6.5	4.4	4.8	4.6	4.0	6.2	5.3
ZEN-500	4.9	4.9	3.4	6.3	5.7	3.6	5.4	4.9	6.9	5.8	6.4	4.1	4.8	5.1	4.2	6.6	5.2
ZENITH	4.4	5.1	3.9	5.6	5.7	5.3	4.9	5.5	5.3	5.7	6.9	3.7	4.5	4.5	3.8	6.4	5.1
CHINESE COMMON	4.2	4.5	4.2	5.7	5.4	3.3	4.5	6.0	5.9	5.5	5.9	4.4	4.5	4.5	4.0	5.9	4.9
KOREAN COMMON	4.1	4.4	4.1	6.3	5.3	2.8	3.9	4.7	5.5	5.2	5.4	2.9	4.4	4.4	4.0	5.9	4.6
Z-18	.	4.1	3.5	5.3	5.3	.	1.3	5.2	5.5	6.3	5.9	2.2	4.2	.	3.2	6.6	4.5
LSD VALUE	1.2	0.3	0.8	0.7	0.5	0.9	1.0	1.0	0.7	0.4	0.8	1.3	0.7	1.2	1.7	0.4	0.2
C.V. (%)	16.4	3.6	12.2	7.0	5.9	14.3	13.9	11.4	7.3	4.6	7.5	20.7	8.8	16.9	27.2	4.1	11.5

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	TX3	VA4	MEAN
DALZ 9601	8.0	6.1	5.9	7.5	7.2	7.2	6.5	7.1	7.5	7.1	7.5	5.9	7.8	6.1	4.2	7.1	6.8
EMERALD	7.7	5.8	5.9	7.7	6.8	7.3	6.9	7.8	5.2	7.3	7.0	6.3	7.5	6.4	5.1	7.1	6.7
ZEON	7.8	5.7	6.0	7.9	6.5	7.6	6.1	6.7	4.4	7.3	7.5	5.9	7.8	6.2	4.9	7.2	6.6
EL TORO	6.2	5.5	6.8	7.6	6.4	4.4	4.1	6.5	8.0	6.6	7.1	5.7	5.7	6.0	5.0	6.8	6.1
JAMUR	6.6	5.3	6.6	7.8	6.1	3.7	4.8	6.5	7.4	6.5	6.8	5.7	5.7	6.1	5.0	6.7	6.1
VICTORIA	6.3	6.8	6.2	8.0	6.6	6.8	1.1	6.0	4.5	7.0	6.8	3.7	6.7	5.3	4.7	6.9	5.8
DE ANZA	6.7	6.3	6.4	7.6	6.4	5.8	2.2	4.3	4.5	6.7	7.8	3.4	6.4	5.4	3.9	6.9	5.7
J-14	5.8	4.3	4.5	6.8	5.2	5.1	5.9	6.3	6.9	6.0	6.9	4.4	4.8	5.6	4.0	6.7	5.6
MIYAKO	5.6	4.8	6.1	7.3	6.0	3.0	3.9	5.3	6.4	6.3	6.8	4.4	5.4	5.4	5.0	6.7	5.5
MEYER	7.0	5.0	3.4	5.0	6.6	5.5	6.7	5.5	5.1	6.8	6.8	3.9	4.9	4.3	3.9	6.8	5.5
HT-210	5.8	4.7	5.0	7.4	5.9	6.5	1.0	5.1	.	7.4	3.9	1.5	7.4	5.7	5.1	6.8	5.3
LSD VALUE	1.5	0.5	0.9	0.6	0.4	1.1	1.0	1.2	1.3	0.3	0.7	1.0	0.5	0.8	0.7	0.4	0.2
C.V. (%)	13.6	5.8	9.5	4.9	4.0	11.6	13.4	12.5	11.4	2.9	6.7	13.9	5.2	8.2	9.3	3.5	8.8

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

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

TABLE 2A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS FOR EACH MONTH GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1999 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
DALZ 9601	4.8	5.0	4.7	5.3	6.6	7.5	7.6	7.3	7.1	7.0	5.9	5.8	6.8
EMERALD	4.3	4.5	5.0	5.4	6.4	7.5	7.6	7.5	7.0	7.0	5.8	5.7	6.7
ZEON	5.0	5.0	4.5	5.6	6.3	7.3	7.4	7.3	6.9	6.9	6.1	5.8	6.6
EL TORO	4.4	4.4	4.4	5.3	6.1	6.7	6.9	6.8	6.4	6.1	5.8	5.8	6.1
JAMUR	4.4	4.6	4.5	5.0	5.7	6.8	6.8	6.9	6.2	6.0	5.6	5.3	6.0
VICTORIA	5.3	4.8	4.7	5.4	5.6	6.4	6.5	6.4	6.3	6.3	6.0	6.3	5.9
DE ANZA	5.1	4.8	4.3	4.9	5.7	6.1	6.2	6.3	6.3	6.1	6.0	6.1	5.7
J-14	4.3	3.3	3.8	4.6	5.5	5.8	6.0	6.1	5.9	5.5	4.8	4.9	5.6
MIYAKO	4.4	4.6	4.1	4.5	4.8	5.7	6.0	6.2	5.9	5.7	5.6	5.8	5.5
MEYER	3.6	3.8	3.8	4.9	5.5	6.0	5.9	5.7	5.4	4.8	4.2	4.7	5.5
ZEN-400	3.9	3.2	4.0	4.4	5.7	5.8	5.9	5.6	5.4	5.0	4.7	4.6	5.3
J-37	3.7	3.3	3.9	4.3	5.6	5.6	5.8	5.8	5.6	5.1	4.5	4.5	5.3
HT-210	4.3	3.8	4.1	4.5	4.8	5.8	5.9	6.2	6.2	6.1	6.0	5.4	5.3
J-36	3.7	3.3	4.2	4.2	5.4	5.7	5.6	5.4	5.4	5.0	4.7	4.9	5.3
ZEN-500	3.3	3.3	4.4	4.4	5.4	5.5	5.7	5.6	5.1	5.0	4.2	4.3	5.2
ZENITH	3.6	3.7	4.1	4.0	4.8	5.2	5.5	5.6	5.3	5.1	4.2	4.2	5.1
CHINESE COMMON	3.7	3.2	3.8	4.2	5.2	5.2	5.4	5.4	4.9	4.5	4.1	4.0	4.9
KOREAN COMMON	3.5	3.3	4.1	4.0	4.8	4.8	4.9	4.9	4.7	4.5	4.2	4.2	4.6
Z-18	3.7	3.3	3.5	3.4	4.1	4.3	4.7	5.0	5.1	4.9	4.5	4.4	4.5
LSD VALUE	0.9	1.3	1.2	0.8	0.6	0.6	0.7	0.6	0.6	0.8	1.3	1.3	0.5
C.V. (%)	26.7	38.8	38.3	32.3	27.2	25.3	25.3	25.4	25.2	31.6	40.4	30.1	22.1

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 2B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS FOR EACH MONTH GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1999 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
ZEN-400	3.9	3.2	4.0	4.4	5.7	5.8	5.9	5.6	5.4	5.0	4.7	4.6	5.3
J-37	3.7	3.3	3.9	4.3	5.6	5.6	5.8	5.8	5.6	5.1	4.5	4.5	5.3
J-36	3.7	3.3	4.2	4.2	5.4	5.7	5.6	5.4	5.4	5.0	4.7	4.9	5.3
ZEN-500	3.3	3.3	4.4	4.4	5.4	5.5	5.7	5.6	5.1	5.0	4.2	4.3	5.2
ZENITH	3.6	3.7	4.1	4.0	4.8	5.2	5.5	5.6	5.3	5.1	4.2	4.2	5.1
CHINESE COMMON	3.7	3.2	3.8	4.2	5.2	5.2	5.4	5.4	4.9	4.5	4.1	4.0	4.9
KOREAN COMMON	3.5	3.3	4.1	4.0	4.8	4.8	4.9	4.9	4.7	4.5	4.2	4.2	4.6
Z-18	3.7	3.3	3.5	3.4	4.1	4.3	4.7	5.0	5.1	4.9	4.5	4.4	4.5
LSD VALUE	0.7	1.1	1.1	0.7	0.5	0.6	0.6	0.6	0.6	0.8	1.1	1.1	0.5
C.V. (%)	22.6	38.4	37.2	29.0	24.9	26.0	26.4	27.6	27.8	34.9	41.6	31.1	22.2

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS FOR EACH MONTH GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1999 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
DALZ 9601	4.8	5.0	4.7	5.3	6.6	7.5	7.6	7.3	7.1	7.0	5.9	5.8	6.8
EMERALD	4.3	4.5	5.0	5.4	6.4	7.5	7.6	7.5	7.0	7.0	5.8	5.7	6.7
ZEON	5.0	5.0	4.5	5.6	6.3	7.3	7.4	7.3	6.9	6.9	6.1	5.8	6.6
EL TORO	4.4	4.4	4.4	5.3	6.1	6.7	6.9	6.8	6.4	6.1	5.8	5.8	6.1
JAMUR	4.4	4.6	4.5	5.0	5.7	6.8	6.8	6.9	6.2	6.0	5.6	5.3	6.0
VICTORIA	5.3	4.8	4.7	5.4	5.6	6.4	6.5	6.4	6.3	6.3	6.0	6.3	5.9
DE ANZA	5.1	4.8	4.3	4.9	5.7	6.1	6.2	6.3	6.3	6.1	6.0	6.1	5.7
J-14	4.3	3.3	3.8	4.6	5.5	5.8	6.0	6.1	5.9	5.5	4.8	4.9	5.6
MIYAKO	4.4	4.6	4.1	4.5	4.8	5.7	6.0	6.2	5.9	5.7	5.6	5.8	5.5
MEYER	3.6	3.8	3.8	4.9	5.5	6.0	5.9	5.7	5.4	4.8	4.2	4.7	5.5
HT-210	4.3	3.8	4.1	4.5	4.8	5.8	5.9	6.2	6.2	6.1	6.0	5.4	5.3
LSD VALUE	1.0	1.4	1.2	0.9	0.7	0.7	0.7	0.7	0.6	0.9	1.3	1.3	0.5
C.V. (%)	28.1	38.5	38.9	33.6	28.3	24.7	24.6	24.0	23.6	29.7	39.5	29.3	21.9

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 3A. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	TX3	VA4	MEAN
DALZ 9601	1	3.0	7	7.0	1.0	3.0	3	2.0	2.0	4.0	2.0	3.0	1.5	4	9.0	2.5	1
EMERALD	3	4.0	8	4.0	2.0	2.0	1	1.0	14.0	2.0	5.0	1.0	3.0	1	1.0	2.5	2
ZEON	2	5.0	6	2.0	5.0	1.0	4	3.0	18.0	3.0	3.0	2.0	1.5	2	6.0	1.0	3
EL TORO	8	6.0	1	5.0	7.0	10.0	13	4.0	1.0	8.0	4.0	4.5	7.0	5	4.0	6.0	4
JAMUR	6	7.0	2	3.0	8.0	12.5	11	5.0	3.0	9.0	10.0	4.5	8.0	3	3.0	10.0	5
VICTORIA	7	1.0	4	1.0	4.0	4.0	18	10.5	16.5	5.0	10.0	15.0	5.0	10	7.0	4.5	6
DE ANZA	5	2.0	3	6.0	6.0	6.0	16	19.0	16.5	7.0	1.0	16.0	6.0	8	15.0	4.5	7
J-14	10	17.0	12	10.0	19.0	9.0	5	7.0	4.0	12.0	6.5	8.0	13.0	7	12.5	10.0	8
MIYAKO	11	11.0	5	9.0	9.0	17.0	15	14.0	8.0	11.0	10.0	9.0	9.0	9	5.0	10.0	9
MEYER	4	9.0	18	19.0	3.0	7.0	2	12.0	15.0	6.0	10.0	13.0	10.5	18	16.0	7.5	10
ZEN-400	14	13.5	9	11.0	11.0	12.5	6	7.0	7.0	13.0	10.0	6.0	10.5	17	18.0	15.0	11
J-37	12	13.5	13	14.5	14.0	11.0	7	7.0	6.0	14.5	15.0	7.0	12.0	12	8.0	16.5	12
HT-210	9	12.0	10	8.0	10.0	5.0	19	16.0	.	1.0	19.0	19.0	4.0	6	2.0	7.5	13
J-36	13	.	11	12.0	15.0	15.0	9	9.0	9.0	16.0	13.0	11.0	15.0	13	12.5	16.5	14
ZEN-500	15	10.0	19	14.5	12.5	14.0	8	17.0	5.0	14.5	14.0	12.0	14.0	11	10.0	12.5	15
ZENITH	16	8.0	16	17.0	12.5	8.0	10	13.0	13.0	17.0	6.5	14.0	16.5	14	17.0	14.0	16
CHINESE COMMON	17	15.0	14	16.0	16.0	16.0	12	10.5	10.0	18.0	16.0	10.0	16.5	15	12.5	18.5	17
KOREAN COMMON	18	16.0	15	13.0	17.0	18.0	14	18.0	11.0	19.0	18.0	17.0	18.0	16	12.5	18.5	18
Z-18	.	18.0	17	18.0	18.0	.	17	15.0	12.0	10.0	17.0	18.0	19.0	.	19.0	12.5	19

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABIE 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 (SEEDED) CULTIVARS GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	TX3	VA4	MEAN
ZEN-400	3	3.5	1	1.0	1.0	3	1	1.5	3	2.0	2	1	1.0	7	7	4.0	1
J-37	1	3.5	3	4.5	4.0	2	2	1.5	2	3.5	5	2	2.0	2	1	5.5	2
J-36	2	.	2	2.0	5.0	5	4	3.0	4	5.0	3	4	4.0	3	4	5.5	3
ZEN-500	4	2.0	8	4.5	2.5	4	3	7.0	1	3.5	4	5	3.0	1	2	1.5	4
ZENITH	5	1.0	6	7.0	2.5	1	5	5.0	8	6.0	1	6	5.5	4	6	3.0	5
CHINESE COMMON	6	5.0	4	6.0	6.0	6	6	4.0	5	7.0	6	3	5.5	5	4	7.5	6
KOREAN COMMON	7	6.0	5	3.0	7.0	7	7	8.0	6	8.0	8	7	7.0	6	4	7.5	7
Z-18	.	7.0	7	8.0	8.0	.	8	6.0	7	1.0	7	8	8.0	.	8	1.5	8

TABLE 3C. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN AT SIXTEEN LOCATIONS IN THE U.S. 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	TX3	VA4	MEAN
DALZ 9601	1	3	7	7	1	3	3	2	2.0	4	2.0	3.0	1.5	4	8	2.5	1
EMERALD	3	4	8	4	2	2	1	1	6.0	2	5.0	1.0	3.0	1	1	2.5	2
ZEON	2	5	6	2	5	1	4	3	10.0	3	3.0	2.0	1.5	2	6	1.0	3
EL TORO	8	6	1	5	7	9	7	4	1.0	8	4.0	4.5	7.0	5	4	6.0	4
JAMUR	6	7	2	3	8	10	6	5	3.0	9	8.5	4.5	8.0	3	3	10.0	5
VICTORIA	7	1	4	1	4	4	10	7	8.5	5	8.5	9.0	5.0	10	7	4.5	6
DE ANZA	5	2	3	6	6	6	9	11	8.5	7	1.0	10.0	6.0	8	10	4.5	7
J-14	10	11	10	10	11	8	5	6	4.0	11	6.0	6.0	11.0	7	9	10.0	8
MIYAKO	11	9	5	9	9	11	8	9	5.0	10	8.5	7.0	9.0	9	5	10.0	9
MEYER	4	8	11	11	3	7	2	8	7.0	6	8.5	8.0	10.0	11	11	7.5	10
HT-210	9	10	9	8	10	5	11	10	.	1	11.0	11.0	4.0	6	2	7.5	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 GROWN AT DIFFERENT NITROGEN LEVEL 1/
1999 DATA

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

	NITROGEN LEVELS (LBS. OF N/1000 SQ. FT./YEAR)				
NAME	1.1-2.0	2.1-3.0	3.1-4.0	4.0+	MEAN
DALZ 9601	6.5	7.0	6.9	6.4	6.7
EMERALD	6.6	6.4	7.1	6.6	6.7
ZEON	6.5	6.1	6.8	6.6	6.5
JAMUR	6.2	6.4	6.5	5.7	6.2
EL TORO	6.2	6.3	6.5	5.8	6.2
VICTORIA	5.3	4.5	6.9	6.1	5.6
MIYAKO	5.5	5.5	5.8	5.6	5.6
J-14	5.6	5.8	5.8	5.0	5.6
DE ANZA	5.5	5.0	6.1	5.7	5.5
ZEN-400	5.3	5.5	5.9	4.7	5.4
J-37	5.2	5.5	5.8	5.0	5.4
J-36	5.1	5.3	6.4	4.8	5.3
MEYER	5.0	5.5	5.2	5.2	5.3
ZEN-500	5.2	5.1	5.4	4.9	5.2
HT-210	3.7	3.9	5.7	6.6	5.0
ZENITH	5.0	4.6	5.4	4.7	4.9
CHINESE COMMON	4.9	4.7	5.4	4.7	4.9
KOREAN COMMON	4.2	4.4	5.2	4.5	4.6
Z-18	4.1	3.4	4.9	4.6	4.3
LSD VALUE	0.6	0.5	0.5	0.5	0.3
C.V. (%)	11.3	12.2	8.4	9.2	10.4

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

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

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN AT DIFFERENT NITROGEN LEVEL 1/
1999 DATA

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

	NITROGEN LEVELS (LBS. OF N/1000 SQ. FT./YEAR)				
NAME	1.1-2.0	2.1-3.0	3.1-4.0	4.0+	MEAN
ZEN-400	5.3	5.5	5.9	4.7	5.4
J-37	5.2	5.5	5.8	5.0	5.4
J-36	5.1	5.3	6.4	4.8	5.3
ZEN-500	5.2	5.1	5.4	4.9	5.2
ZENITH	5.0	4.6	5.4	4.7	4.9
CHINESE COMMON	4.9	4.7	5.4	4.7	4.9
KOREAN COMMON	4.2	4.4	5.2	4.5	4.6
Z-18	4.1	3.4	4.9	4.6	4.3
LSD VALUE	0.7	0.5	0.4	0.6	0.3
C.V. (%)	14.3	12.2	8.5	14.1	12.3

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN AT DIFFERENT NITROGEN LEVEL 1/
1999 DATA

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

	NITROGEN LEVELS (LBS. OF N/1000 SQ. FT./YEAR)				
NAME	1.1-2.0	2.1-3.0	3.1-4.0	4.0+	MEAN
DALZ 9601	6.5	7.0	6.9	6.4	6.7
EMERALD	6.6	6.4	7.1	6.6	6.7
ZEON	6.5	6.1	6.8	6.6	6.5
JAMUR	6.2	6.4	6.5	5.7	6.2
EL TORO	6.2	6.3	6.5	5.8	6.2
VICTORIA	5.3	4.5	6.9	6.1	5.6
MIYAKO	5.5	5.5	5.8	5.6	5.6
J-14	5.6	5.8	5.8	5.0	5.6
DE ANZA	5.5	5.0	6.1	5.7	5.5
MEYER	5.0	5.5	5.2	5.2	5.3
HT-210	3.7	3.9	5.7	6.6	5.0
LSD VALUE	0.5	0.6	0.5	0.3	0.2
C.V. (%)	9.3	12.2	8.3	5.6	9.3

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 5A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT 0.0-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	MD1	MO1	TX1	MEAN
EMERALD	7.0	6.3	6.4	6.6
ZEON	7.5	5.9	6.2	6.5
DALZ 9601	7.5	5.9	6.1	6.5
EL TORO	7.1	5.7	6.0	6.2
JAMUR	6.8	5.7	6.1	6.2
J-14	6.9	4.4	5.6	5.6
DE ANZA	7.8	3.4	5.4	5.5
MIYAKO	6.8	4.4	5.4	5.5
ZEN-400	6.8	4.8	4.4	5.3
VICTORIA	6.8	3.7	5.3	5.3
J-37	6.3	4.8	4.6	5.2
ZEN-500	6.4	4.1	5.1	5.2
J-36	6.5	4.4	4.6	5.1
ZENITH	6.9	3.7	4.5	5.0
MEYER	6.8	3.9	4.3	5.0
CHINESE COMMON	5.9	4.4	4.5	4.9
KOREAN COMMON	5.4	2.9	4.4	4.2
Z-18	5.9	2.2	.	4.1
HT-210	3.9	1.5	5.7	3.7
LSD VALUE	0.8	1.2	1.0	0.6
C.V. (%)	7.1	16.6	11.5	11.3

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

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

TABLE 5B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN AT 0.0-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	MD1	MO1	TX1	MEAN
ZEN-400	6.8	4.8	4.4	5.3
J-37	6.3	4.8	4.6	5.2
ZEN-500	6.4	4.1	5.1	5.2
J-36	6.5	4.4	4.6	5.1
ZENITH	6.9	3.7	4.5	5.0
CHINESE COMMON	5.9	4.4	4.5	4.9
KOREAN COMMON	5.4	2.9	4.4	4.2
Z-18	5.9	2.2	.	4.1
LSD VALUE	0.8	1.3	1.2	0.7
C.V. (%)	7.5	20.7	16.9	14.3

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN AT 0.0-2.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	MD1	MO1	TX1	MEAN
EMERALD	7.0	6.3	6.4	6.6
ZEON	7.5	5.9	6.2	6.5
DALZ 9601	7.5	5.9	6.1	6.5
EL TORO	7.1	5.7	6.0	6.2
JAMUR	6.8	5.7	6.1	6.2
J-14	6.9	4.4	5.6	5.6
DE ANZA	7.8	3.4	5.4	5.5
MIYAKO	6.8	4.4	5.4	5.5
VICTORIA	6.8	3.7	5.3	5.3
MEYER	6.8	3.9	4.3	5.0
HT-210	3.9	1.5	5.7	3.7
LSD VALUE	0.7	1.0	0.8	0.5
C.V. (%)	6.7	13.9	8.2	9.3

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 6A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	AR1	FL1	IN1	KY1	MEAN
DALZ 9601	8.0	5.9	6.5	7.5	7.0
EMERALD	7.7	5.9	6.9	5.2	6.4
JAMUR	6.6	6.6	4.8	7.4	6.4
EL TORO	6.2	6.8	4.1	8.0	6.3
ZEON	7.8	6.0	6.1	4.4	6.1
J-14	5.8	4.5	5.9	6.9	5.8
MEYER	7.0	3.4	6.7	5.1	5.5
ZEN-400	5.0	5.1	5.7	6.4	5.5
J-37	5.2	4.5	5.4	6.8	5.5
MIYAKO	5.6	6.1	3.9	6.4	5.5
J-36	5.1	4.6	5.1	6.3	5.3
ZEN-500	4.9	3.4	5.4	6.9	5.1
DE ANZA	6.7	6.4	2.2	4.5	5.0
CHINESE COMMON	4.2	4.2	4.5	5.9	4.7
ZENITH	4.4	3.9	4.9	5.3	4.6
VICTORIA	6.3	6.2	1.1	4.5	4.5
KOREAN COMMON	4.1	4.1	3.9	5.5	4.4
HT-210	5.8	5.0	1.0	.	3.9
Z-18	.	3.5	1.3	5.5	3.4
LSD VALUE	1.4	0.9	1.0	1.0	0.5
C.V. (%)	14.5	10.4	13.6	9.4	12.2

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

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

TABLE 6B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN AT 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	AR1	FL1	IN1	KY1	MEAN
ZEN-400	5.0	5.1	5.7	6.4	5.5
J-37	5.2	4.5	5.4	6.8	5.5
J-36	5.1	4.6	5.1	6.3	5.3
ZEN-500	4.9	3.4	5.4	6.9	5.1
CHINESE COMMON	4.2	4.2	4.5	5.9	4.7
ZENITH	4.4	3.9	4.9	5.3	4.6
KOREAN COMMON	4.1	4.1	3.9	5.5	4.4
Z-18	.	3.5	1.3	5.5	3.4
LSD VALUE	1.2	0.8	1.0	0.7	0.5
C.V. (%)	16.4	12.2	13.9	7.3	12.2

TABLE 6C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN AT 2.1-3.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	AR1	FL1	IN1	KY1	MEAN
DALZ 9601	8.0	5.9	6.5	7.5	7.0
EMERALD	7.7	5.9	6.9	5.2	6.4
JAMUR	6.6	6.6	4.8	7.4	6.4
EL TORO	6.2	6.8	4.1	8.0	6.3
ZEON	7.8	6.0	6.1	4.4	6.1
J-14	5.8	4.5	5.9	6.9	5.8
MEYER	7.0	3.4	6.7	5.1	5.5
MIYAKO	5.6	6.1	3.9	6.4	5.5
DE ANZA	6.7	6.4	2.2	4.5	5.0
VICTORIA	6.3	6.2	1.1	4.5	4.5
HT-210	5.8	5.0	1.0	.	3.9
LSD VALUE	1.5	0.9	1.0	1.3	0.6
C.V. (%)	13.6	9.5	13.4	11.4	12.2

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

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

TABLE 7A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	CA3	FL3	KS1	MEAN
EMERALD	5.8	7.7	7.8	7.1
VICTORIA	6.8	8.0	6.0	6.9
DALZ 9601	6.1	7.5	7.1	6.9
ZEON	5.7	7.9	6.7	6.8
EL TORO	5.5	7.6	6.5	6.5
JAMUR	5.3	7.8	6.5	6.5
J-36	.	6.6	6.2	6.4
DE ANZA	6.3	7.6	4.3	6.1
ZEN-400	4.7	6.8	6.3	5.9
J-14	4.3	6.8	6.3	5.8
MIYAKO	4.8	7.3	5.3	5.8
J-37	4.7	6.3	6.3	5.8
HT-210	4.7	7.4	5.1	5.7
CHINESE COMMON	4.5	5.7	6.0	5.4
ZENITH	5.1	5.6	5.5	5.4
ZEN-500	4.9	6.3	4.9	5.4
MEYER	5.0	5.0	5.5	5.2
KOREAN COMMON	4.4	6.3	4.7	5.2
Z-18	4.1	5.3	5.2	4.9
LSD VALUE	0.4	0.6	1.2	0.5
C.V. (%)	5.2	5.7	12.1	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 7B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN AT 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	CA3	FL3	KS1	MEAN
J-36	.	6.6	6.2	6.4
ZEN-400	4.7	6.8	6.3	5.9
J-37	4.7	6.3	6.3	5.8
CHINESE COMMON	4.5	5.7	6.0	5.4
ZENITH	5.1	5.6	5.5	5.4
ZEN-500	4.9	6.3	4.9	5.4
KOREAN COMMON	4.4	6.3	4.7	5.2
Z-18	4.1	5.3	5.2	4.9
LSD VALUE	0.3	0.7	1.0	0.4
C.V. (%)	3.6	7.0	11.4	8.5

TABLE 7C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN AT 3.1-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	CA3	FL3	KS1	MEAN
EMERALD	5.8	7.7	7.8	7.1
VICTORIA	6.8	8.0	6.0	6.9
DALZ 9601	6.1	7.5	7.1	6.9
ZEON	5.7	7.9	6.7	6.8
EL TORO	5.5	7.6	6.5	6.5
JAMUR	5.3	7.8	6.5	6.5
DE ANZA	6.3	7.6	4.3	6.1
J-14	4.3	6.8	6.3	5.8
MIYAKO	4.8	7.3	5.3	5.8
HT-210	4.7	7.4	5.1	5.7
MEYER	5.0	5.0	5.5	5.2
LSD VALUE	0.5	0.6	1.2	0.5
C.V. (%)	5.8	4.9	12.5	8.3

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 8A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	LA1	MS1	TX3	MEAN
ZEON	7.3	7.8	4.9	6.6
EMERALD	7.3	7.5	5.1	6.6
HT-210	7.4	7.4	5.1	6.6
DALZ 9601	7.1	7.8	4.2	6.4
VICTORIA	7.0	6.7	4.7	6.1
EL TORO	6.6	5.7	5.0	5.8
JAMUR	6.5	5.7	5.0	5.7
DE ANZA	6.7	6.4	3.9	5.7
MIYAKO	6.3	5.4	5.0	5.6
MEYER	6.8	4.9	3.9	5.2
J-37	5.8	4.9	4.3	5.0
J-14	6.0	4.8	4.0	5.0
ZEN-500	5.8	4.8	4.2	4.9
J-36	5.7	4.8	4.0	4.8
ZEN-400	5.8	4.9	3.3	4.7
CHINESE COMMON	5.5	4.5	4.0	4.7
ZENITH	5.7	4.5	3.8	4.7
Z-18	6.3	4.2	3.2	4.6
KOREAN COMMON	5.2	4.4	4.0	4.5
LSD VALUE	0.4	0.6	1.2	0.5
C.V. (%)	3.6	6.5	17.6	9.2

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

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

TABLE 8B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN AT 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	LA1	MS1	TX3	MEAN
J-37	5.8	4.9	4.3	5.0
ZEN-500	5.8	4.8	4.2	4.9
J-36	5.7	4.8	4.0	4.8
ZEN-400	5.8	4.9	3.3	4.7
CHINESE COMMON	5.5	4.5	4.0	4.7
ZENITH	5.7	4.5	3.8	4.7
Z-18	6.3	4.2	3.2	4.6
KOREAN COMMON	5.2	4.4	4.0	4.5
LSD VALUE	0.4	0.7	1.7	0.6
C.V. (%)	4.6	8.8	27.2	14.1

TABLE 8C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN AT 4.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999 DATA

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

NAME	LA1	MS1	TX3	MEAN
ZEON	7.3	7.8	4.9	6.6
EMERALD	7.3	7.5	5.1	6.6
HT-210	7.4	7.4	5.1	6.6
DALZ 9601	7.1	7.8	4.2	6.4
VICTORIA	7.0	6.7	4.7	6.1
EL TORO	6.6	5.7	5.0	5.8
JAMUR	6.5	5.7	5.0	5.7
DE ANZA	6.7	6.4	3.9	5.7
MIYAKO	6.3	5.4	5.0	5.6
MEYER	6.8	4.9	3.9	5.2
J-14	6.0	4.8	4.0	5.0
LSD VALUE	0.3	0.5	0.7	0.3
C.V. (%)	2.9	5.2	9.3	5.6

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 9A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT DIFFERENT MOWING HEIGHTS 1/
1999 DATA

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

	MOWING HEIGHTS (INCHES)			
NAME	0.5-1.0	1.1-1.5	1.6+	MEAN
EMERALD	6.6	7.3	6.6	6.7
ZEON	6.3	7.3	6.6	6.5
JAMUR	6.0	6.5	6.4	6.2
EL TORO	6.1	6.6	6.3	6.2
VICTORIA	5.1	7.0	6.1	5.6
MIYAKO	5.3	6.3	5.8	5.6
J-14	5.7	6.0	5.3	5.6
DE ANZA	5.0	6.7	6.0	5.5
ZEN-400	5.6	5.8	4.9	5.4
J-37	5.6	5.8	5.0	5.4
J-36	5.5	5.7	5.0	5.3
MEYER	5.4	6.8	4.7	5.3
ZEN-500	5.3	5.8	4.8	5.2
HT-210	3.9	7.4	5.8	5.0
ZENITH	5.1	5.7	4.4	4.9
CHINESE COMMON	5.1	5.5	4.5	4.9
KOREAN COMMON	4.5	5.2	4.6	4.6
Z-18	4.1	6.3	4.0	4.3
DALZ 9601	6.9	7.1	6.4	.
LSD VALUE	0.3	0.4	0.5	0.3
C.V. (%)	10.2	3.6	11.8	10.4

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

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

TABLE 9B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN AT DIFFERENT MOWING HEIGHTS 1/
1999 DATA

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

	MOWING HEIGHTS (INCHES)			
NAME	0.5-1.0	1.1-1.5	1.6+	MEAN
ZEN-400	5.6	5.8	4.9	5.4
J-37	5.6	5.8	5.0	5.4
J-36	5.5	5.7	5.0	5.3
ZEN-500	5.3	5.8	4.8	5.2
ZENITH	5.1	5.7	4.4	4.9
CHINESE COMMON	5.1	5.5	4.5	4.9
KOREAN COMMON	4.5	5.2	4.6	4.6
Z-18	4.1	6.3	4.0	4.3
LSD VALUE	0.3	0.4	0.6	0.3
C.V. (%)	10.8	4.6	15.8	12.3

TABLE 9C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN AT DIFFERENT MOWING HEIGHTS 1/
1999 DATA

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

	MOWING HEIGHTS (INCHES)			
NAME	0.5-1.0	1.1-1.5	1.6+	MEAN
EMERALD	6.6	7.3	6.6	6.7
ZEON	6.3	7.3	6.6	6.5
JAMUR	6.0	6.5	6.4	6.2
EL TORO	6.1	6.6	6.3	6.2
VICTORIA	5.1	7.0	6.1	5.6
MIYAKO	5.3	6.3	5.8	5.6
J-14	5.7	6.0	5.3	5.6
DE ANZA	5.0	6.7	6.0	5.5
MEYER	5.4	6.8	4.7	5.3
HT-210	3.9	7.4	5.8	5.0
DALZ 9601	6.9	7.1	6.4	.
LSD VALUE	0.3	0.3	0.4	0.2
C.V. (%)	9.8	2.9	9.6	9.3

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 10A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT A 0.5-1.0 INCH MOWING HEIGHT 1/
1999 DATA

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

NAME	CA3	IN1	KS1	KY1	MD1	MO1	MS1	MEAN
DALZ 9601	6.1	6.5	7.1	7.5	7.5	5.9	7.8	6.9
EMERALD	5.8	6.9	7.8	5.2	7.0	6.3	7.5	6.6
ZEON	5.7	6.1	6.7	4.4	7.5	5.9	7.8	6.3
EL TORO	5.5	4.1	6.5	8.0	7.1	5.7	5.7	6.1
JAMUR	5.3	4.8	6.5	7.4	6.8	5.7	5.7	6.0
J-14	4.3	5.9	6.3	6.9	6.9	4.4	4.8	5.7
ZEN-400	4.7	5.7	6.3	6.4	6.8	4.8	4.9	5.6
J-37	4.7	5.4	6.3	6.8	6.3	4.8	4.9	5.6
J-36	.	5.1	6.2	6.3	6.5	4.4	4.8	5.5
MEYER	5.0	6.7	5.5	5.1	6.8	3.9	4.9	5.4
ZEN-500	4.9	5.4	4.9	6.9	6.4	4.1	4.8	5.3
MIYAKO	4.8	3.9	5.3	6.4	6.8	4.4	5.4	5.3
ZENITH	5.1	4.9	5.5	5.3	6.9	3.7	4.5	5.1
VICTORIA	6.8	1.1	6.0	4.5	6.8	3.7	6.7	5.1
CHINESE COMMON	4.5	4.5	6.0	5.9	5.9	4.4	4.5	5.1
DE ANZA	6.3	2.2	4.3	4.5	7.8	3.4	6.4	5.0
KOREAN COMMON	4.4	3.9	4.7	5.5	5.4	2.9	4.4	4.5
Z-18	4.1	1.3	5.2	5.5	5.9	2.2	4.2	4.1
HT-210	4.7	1.0	5.1	.	3.9	1.5	7.4	3.9
LSD VALUE	0.4	1.0	1.2	1.0	0.8	1.2	0.6	0.3
C.V. (%)	5.2	13.6	12.1	9.4	7.1	16.6	6.5	10.2

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 10B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT A 0.5-1.0 INCH MOWING HEIGHT 1/
1999 DATA

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

NAME	CA3	IN1	KS1	KY1	MD1	MO1	MS1	MEAN
ZEN-400	4.7	5.7	6.3	6.4	6.8	4.8	4.9	5.6
J-37	4.7	5.4	6.3	6.8	6.3	4.8	4.9	5.6
J-36	.	5.1	6.2	6.3	6.5	4.4	4.8	5.5
ZEN-500	4.9	5.4	4.9	6.9	6.4	4.1	4.8	5.3
ZENITH	5.1	4.9	5.5	5.3	6.9	3.7	4.5	5.1
CHINESE COMMON	4.5	4.5	6.0	5.9	5.9	4.4	4.5	5.1
KOREAN COMMON	4.4	3.9	4.7	5.5	5.4	2.9	4.4	4.5
Z-18	4.1	1.3	5.2	5.5	5.9	2.2	4.2	4.1
LSD VALUE	0.3	1.0	1.0	0.7	0.8	1.3	0.7	0.3
C.V. (%)	3.6	13.9	11.4	7.3	7.5	20.7	8.8	10.8

TABLE 10C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT A 0.5-1.0 INCH MOWING HEIGHT 1/
1999 DATA

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

NAME	CA3	IN1	KS1	KY1	MD1	MO1	MS1	MEAN
DALZ 9601	6.1	6.5	7.1	7.5	7.5	5.9	7.8	6.9
EMERALD	5.8	6.9	7.8	5.2	7.0	6.3	7.5	6.6
ZEON	5.7	6.1	6.7	4.4	7.5	5.9	7.8	6.3
EL TORO	5.5	4.1	6.5	8.0	7.1	5.7	5.7	6.1
JAMUR	5.3	4.8	6.5	7.4	6.8	5.7	5.7	6.0
J-14	4.3	5.9	6.3	6.9	6.9	4.4	4.8	5.7
MEYER	5.0	6.7	5.5	5.1	6.8	3.9	4.9	5.4
MIYAKO	4.8	3.9	5.3	6.4	6.8	4.4	5.4	5.3
VICTORIA	6.8	1.1	6.0	4.5	6.8	3.7	6.7	5.1
DE ANZA	6.3	2.2	4.3	4.5	7.8	3.4	6.4	5.0
HT-210	4.7	1.0	5.1	.	3.9	1.5	7.4	3.9
LSD VALUE	0.5	1.0	1.2	1.3	0.7	1.0	0.5	0.3
C.V. (%)	5.8	13.4	12.5	11.4	6.7	13.9	5.2	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 11A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT A 1.1-1.5 INCH MOWING HEIGHT 1/
1999 DATA

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

NAME	LA1
HT-210	7.4
EMERALD	7.3
ZEON	7.3
DALZ 9601	7.1
VICTORIA	7.0
MEYER	6.8
DE ANZA	6.7
EL TORO	6.6
JAMUR	6.5
Z-18	6.3
MIYAKO	6.3
J-14	6.0
ZEN-400	5.8
J-37	5.8
ZEN-500	5.8
J-36	5.7
ZENITH	5.7
CHINESE COMMON	5.5
KOREAN COMMON	5.2
LSD VALUE	0.4
C.V. (%)	3.6

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 11B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT A 1.1-1.5 INCH MOWING HEIGHT 1/
1999 DATA

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

NAME	LA1
Z-18	6.3
ZEN-400	5.8
J-37	5.8
ZEN-500	5.8
J-36	5.7
ZENITH	5.7
CHINESE COMMON	5.5
KOREAN COMMON	5.2
LSD VALUE	0.4
C.V. (%)	4.6

TABLE 11C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT A 1.1-1.5 INCH MOWING HEIGHT 1/
1999 DATA

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

NAME	LA1
HT-210	7.4
EMERALD	7.3
ZEON	7.3
DALZ 9601	7.1
VICTORIA	7.0
MEYER	6.8
DE ANZA	6.7
EL TORO	6.6
JAMUR	6.5
MIYAKO	6.3
J-14	6.0
LSD VALUE	0.3
C.V. (%)	2.9

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 12A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT A 1.6+ INCH MOWING HEIGHT 1/
1999 DATA

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

NAME	AR1	FL1	FL3	TX1	TX3	MEAN
EMERALD	7.7	5.9	7.7	6.4	5.1	6.6
ZEON	7.8	6.0	7.9	6.2	4.9	6.6
JAMUR	6.6	6.6	7.8	6.1	5.0	6.4
DALZ 9601	8.0	5.9	7.5	6.1	4.2	6.4
EL TORO	6.2	6.8	7.6	6.0	5.0	6.3
VICTORIA	6.3	6.2	8.0	5.3	4.7	6.1
DE ANZA	6.7	6.4	7.6	5.4	3.9	6.0
MIYAKO	5.6	6.1	7.3	5.4	5.0	5.8
HT-210	5.8	5.0	7.4	5.7	5.1	5.8
J-14	5.8	4.5	6.8	5.6	4.0	5.3
J-36	5.1	4.6	6.6	4.6	4.0	5.0
J-37	5.2	4.5	6.3	4.6	4.3	5.0
ZEN-400	5.0	5.1	6.8	4.4	3.3	4.9
ZEN-500	4.9	3.4	6.3	5.1	4.2	4.8
MEYER	7.0	3.4	5.0	4.3	3.9	4.7
KOREAN COMMON	4.1	4.1	6.3	4.4	4.0	4.6
CHINESE COMMON	4.2	4.2	5.7	4.5	4.0	4.5
ZENITH	4.4	3.9	5.6	4.5	3.8	4.4
Z-18	.	3.5	5.3	.	3.2	4.0
LSD VALUE	1.4	0.9	0.6	1.0	1.2	0.5
C.V. (%)	14.5	10.4	5.7	11.5	17.6	11.8

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 12B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT A 1.6+ INCH MOWING HEIGHT 1/
1999 DATA

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

NAME	AR1	FL1	FL3	TX1	TX3	MEAN
J-36	5.1	4.6	6.6	4.6	4.0	5.0
J-37	5.2	4.5	6.3	4.6	4.3	5.0
ZEN-400	5.0	5.1	6.8	4.4	3.3	4.9
ZEN-500	4.9	3.4	6.3	5.1	4.2	4.8
KOREAN COMMON	4.1	4.1	6.3	4.4	4.0	4.6
CHINESE COMMON	4.2	4.2	5.7	4.5	4.0	4.5
ZENITH	4.4	3.9	5.6	4.5	3.8	4.4
Z-18	.	3.5	5.3	.	3.2	4.0
LSD VALUE	1.2	0.8	0.7	1.2	1.7	0.6
C.V. (%)	16.4	12.2	7.0	16.9	27.2	15.8

TABLE 12C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT A 1.6+ INCH MOWING HEIGHT 1/
1999 DATA

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

NAME	AR1	FL1	FL3	TX1	TX3	MEAN
EMERALD	7.7	5.9	7.7	6.4	5.1	6.6
ZEON	7.8	6.0	7.9	6.2	4.9	6.6
JAMUR	6.6	6.6	7.8	6.1	5.0	6.4
DALZ 9601	8.0	5.9	7.5	6.1	4.2	6.4
EL TORO	6.2	6.8	7.6	6.0	5.0	6.3
VICTORIA	6.3	6.2	8.0	5.3	4.7	6.1
DE ANZA	6.7	6.4	7.6	5.4	3.9	6.0
MIYAKO	5.6	6.1	7.3	5.4	5.0	5.8
HT-210	5.8	5.0	7.4	5.7	5.1	5.8
J-14	5.8	4.5	6.8	5.6	4.0	5.3
MEYER	7.0	3.4	5.0	4.3	3.9	4.7
LSD VALUE	1.5	0.9	0.6	0.8	0.7	0.4
C.V. (%)	13.6	9.5	4.9	8.2	9.3	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 13A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN UNDER DIFFERENT IRRIGATION LEVELS 1/
1999 DATA

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

	IRRIGATION LEVELS		
NAME	TO PREVENT STRESS	TO PREVENT DORMANCY	MEAN
EMERALD	6.7	6.6	6.7
ZEON	6.4	6.6	6.5
JAMUR	6.1	6.6	6.2
EL TORO	6.0	6.9	6.2
VICTORIA	5.5	6.0	5.6
MIYAKO	5.4	6.2	5.6
J-14	5.4	6.2	5.6
DE ANZA	5.3	6.2	5.5
ZEN-400	5.2	6.0	5.4
J-37	5.2	6.0	5.4
J-36	5.1	5.8	5.3
MEYER	5.2	5.6	5.3
ZEN-500	4.9	6.0	5.2
HT-210	4.9	5.6	5.0
ZENITH	4.7	5.6	4.9
CHINESE COMMON	4.7	5.4	4.9
KOREAN COMMON	4.4	5.1	4.6
Z-18	3.9	5.2	4.3
DALZ 9601	6.5	7.6	.
LSD VALUE	0.3	0.4	0.3
C.V. (%)	11.2	7.6	10.4

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

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

TABLE 13B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN UNDER DIFFERENT IRRIGATION LEVELS 1/
1999 DATA

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

	IRRIGATION LEVELS		
NAME	TO PREVENT STRESS	TO PREVENT DORMANCY	MEAN
ZEN-400	5.2	6.0	5.4
J-37	5.2	6.0	5.4
J-36	5.1	5.8	5.3
ZEN-500	4.9	6.0	5.2
ZENITH	4.7	5.6	4.9
CHINESE COMMON	4.7	5.4	4.9
KOREAN COMMON	4.4	5.1	4.6
Z-18	3.9	5.2	4.3
LSD VALUE	0.3	0.4	0.3
C.V. (%)	13.7	7.8	12.3

TABLE 13C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN UNDER DIFFERENT IRRIGATION LEVELS 1/
1999 DATA

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

	IRRIGATION LEVELS		
NAME	TO PREVENT STRESS	TO PREVENT DORMANCY	MEAN
EMERALD	6.7	6.6	6.7
ZEON	6.4	6.6	6.5
JAMUR	6.1	6.6	6.2
EL TORO	6.0	6.9	6.2
VICTORIA	5.5	6.0	5.6
MIYAKO	5.4	6.2	5.6
J-14	5.4	6.2	5.6
DE ANZA	5.3	6.2	5.5
MEYER	5.2	5.6	5.3
HT-210	4.9	5.6	5.0
DALZ 9601	6.5	7.6	.
LSD VALUE	0.3	0.5	0.2
C.V. (%)	9.8	7.6	9.3

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 14A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN UNDER IRRIGATION TO PREVENT STRESS 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	IN1	KS1	LA1	MO1	TX1	TX3	MEAN
EMERALD	7.7	5.8	5.9	7.7	6.9	7.8	7.3	6.3	6.4	5.1	6.7
DALZ 9601	8.0	6.1	5.9	7.5	6.5	7.1	7.1	5.9	6.1	4.2	6.5
ZEON	7.8	5.7	6.0	7.9	6.1	6.7	7.3	5.9	6.2	4.9	6.4
JAMUR	6.6	5.3	6.6	7.8	4.8	6.5	6.5	5.7	6.1	5.0	6.1
EL TORO	6.2	5.5	6.8	7.6	4.1	6.5	6.6	5.7	6.0	5.0	6.0
VICTORIA	6.3	6.8	6.2	8.0	1.1	6.0	7.0	3.7	5.3	4.7	5.5
MIYAKO	5.6	4.8	6.1	7.3	3.9	5.3	6.3	4.4	5.4	5.0	5.4
J-14	5.8	4.3	4.5	6.8	5.9	6.3	6.0	4.4	5.6	4.0	5.4
DE ANZA	6.7	6.3	6.4	7.6	2.2	4.3	6.7	3.4	5.4	3.9	5.3
ZEN-400	5.0	4.7	5.1	6.8	5.7	6.3	5.8	4.8	4.4	3.3	5.2
J-37	5.2	4.7	4.5	6.3	5.4	6.3	5.8	4.8	4.6	4.3	5.2
MEYER	7.0	5.0	3.4	5.0	6.7	5.5	6.8	3.9	4.3	3.9	5.2
J-36	5.1	.	4.6	6.6	5.1	6.2	5.7	4.4	4.6	4.0	5.1
ZEN-500	4.9	4.9	3.4	6.3	5.4	4.9	5.8	4.1	5.1	4.2	4.9
HT-210	5.8	4.7	5.0	7.4	1.0	5.1	7.4	1.5	5.7	5.1	4.9
CHINESE COMMON	4.2	4.5	4.2	5.7	4.5	6.0	5.5	4.4	4.5	4.0	4.7
ZENITH	4.4	5.1	3.9	5.6	4.9	5.5	5.7	3.7	4.5	3.8	4.7
KOREAN COMMON	4.1	4.4	4.1	6.3	3.9	4.7	5.2	2.9	4.4	4.0	4.4
Z-18	.	4.1	3.5	5.3	1.3	5.2	6.3	2.2	.	3.2	3.9
LSD VALUE	1.4	0.4	0.9	0.6	1.0	1.2	0.4	1.2	1.0	1.2	0.3
C.V. (%)	14.5	5.2	10.4	5.7	13.6	12.1	3.6	16.6	11.5	17.6	11.2

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 14B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN UNDER IRRIGATION TO PREVENT STRESS 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	IN1	KS1	LA1	MO1	TX1	TX3	MEAN
ZEN-400	5.0	4.7	5.1	6.8	5.7	6.3	5.8	4.8	4.4	3.3	5.2
J-37	5.2	4.7	4.5	6.3	5.4	6.3	5.8	4.8	4.6	4.3	5.2
J-36	5.1	.	4.6	6.6	5.1	6.2	5.7	4.4	4.6	4.0	5.1
ZEN-500	4.9	4.9	3.4	6.3	5.4	4.9	5.8	4.1	5.1	4.2	4.9
CHINESE COMMON	4.2	4.5	4.2	5.7	4.5	6.0	5.5	4.4	4.5	4.0	4.7
ZENITH	4.4	5.1	3.9	5.6	4.9	5.5	5.7	3.7	4.5	3.8	4.7
KOREAN COMMON	4.1	4.4	4.1	6.3	3.9	4.7	5.2	2.9	4.4	4.0	4.4
Z-18	.	4.1	3.5	5.3	1.3	5.2	6.3	2.2	.	3.2	3.9
LSD VALUE	1.2	0.3	0.8	0.7	1.0	1.0	0.4	1.3	1.2	1.7	0.3
C.V. (%)	16.4	3.6	12.2	7.0	13.9	11.4	4.6	20.7	16.9	27.2	13.7

TABLE 14C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN UNDER IRRIGATION TO PREVENT STRESS 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	IN1	KS1	LA1	MO1	TX1	TX3	MEAN
EMERALD	7.7	5.8	5.9	7.7	6.9	7.8	7.3	6.3	6.4	5.1	6.7
DALZ 9601	8.0	6.1	5.9	7.5	6.5	7.1	7.1	5.9	6.1	4.2	6.5
ZEON	7.8	5.7	6.0	7.9	6.1	6.7	7.3	5.9	6.2	4.9	6.4
JAMUR	6.6	5.3	6.6	7.8	4.8	6.5	6.5	5.7	6.1	5.0	6.1
EL TORO	6.2	5.5	6.8	7.6	4.1	6.5	6.6	5.7	6.0	5.0	6.0
VICTORIA	6.3	6.8	6.2	8.0	1.1	6.0	7.0	3.7	5.3	4.7	5.5
MIYAKO	5.6	4.8	6.1	7.3	3.9	5.3	6.3	4.4	5.4	5.0	5.4
J-14	5.8	4.3	4.5	6.8	5.9	6.3	6.0	4.4	5.6	4.0	5.4
DE ANZA	6.7	6.3	6.4	7.6	2.2	4.3	6.7	3.4	5.4	3.9	5.3
MEYER	7.0	5.0	3.4	5.0	6.7	5.5	6.8	3.9	4.3	3.9	5.2
HT-210	5.8	4.7	5.0	7.4	1.0	5.1	7.4	1.5	5.7	5.1	4.9
LSD VALUE	1.5	0.5	0.9	0.6	1.0	1.2	0.3	1.0	0.8	0.7	0.3
C.V. (%)	13.6	5.8	9.5	4.9	13.4	12.5	2.9	13.9	8.2	9.3	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 15A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN UNDER IRRIGATION TO PREVENT DORMANCY 1/
1999 DATA

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

NAME	KY1	MD1	MS1	MEAN
DALZ 9601	7.5	7.5	7.8	7.6
EL TORO	8.0	7.1	5.7	6.9
JAMUR	7.4	6.8	5.7	6.6
EMERALD	5.2	7.0	7.5	6.6
ZEON	4.4	7.5	7.8	6.6
DE ANZA	4.5	7.8	6.4	6.2
J-14	6.9	6.9	4.8	6.2
MIYAKO	6.4	6.8	5.4	6.2
ZEN-400	6.4	6.8	4.9	6.0
ZEN-500	6.9	6.4	4.8	6.0
VICTORIA	4.5	6.8	6.7	6.0
J-37	6.8	6.3	4.9	6.0
J-36	6.3	6.5	4.8	5.8
HT-210	.	3.9	7.4	5.6
MEYER	5.1	6.8	4.9	5.6
ZENITH	5.3	6.9	4.5	5.6
CHINESE COMMON	5.9	5.9	4.5	5.4
Z-18	5.5	5.9	4.2	5.2
KOREAN COMMON	5.5	5.4	4.4	5.1
LSD VALUE	1.0	0.8	0.6	0.4
C.V. (%)	9.4	7.1	6.5	7.6

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 15B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN UNDER IRRIGATION TO PREVENT DORMANCY 1/
1999 DATA

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

NAME	KY1	MD1	MS1	MEAN
ZEN-400	6.4	6.8	4.9	6.0
ZEN-500	6.9	6.4	4.8	6.0
J-37	6.8	6.3	4.9	6.0
J-36	6.3	6.5	4.8	5.8
ZENITH	5.3	6.9	4.5	5.6
CHINESE COMMON	5.9	5.9	4.5	5.4
Z-18	5.5	5.9	4.2	5.2
KOREAN COMMON	5.5	5.4	4.4	5.1
LSD VALUE	0.7	0.8	0.7	0.4
C.V. (%)	7.3	7.5	8.8	7.8

TABLE 15C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN UNDER IRRIGATION TO PREVENT DORMANCY 1/
1999 DATA

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

NAME	KY1	MD1	MS1	MEAN
DALZ 9601	7.5	7.5	7.8	7.6
EL TORO	8.0	7.1	5.7	6.9
JAMUR	7.4	6.8	5.7	6.6
EMERALD	5.2	7.0	7.5	6.6
ZEON	4.4	7.5	7.8	6.6
DE ANZA	4.5	7.8	6.4	6.2
J-14	6.9	6.9	4.8	6.2
MIYAKO	6.4	6.8	5.4	6.2
VICTORIA	4.5	6.8	6.7	6.0
HT-210	.	3.9	7.4	5.6
MEYER	5.1	6.8	4.9	5.6
LSD VALUE	1.3	0.7	0.5	0.5
C.V. (%)	11.4	6.7	5.2	7.6

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 16A. GENETIC COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	VA4	MEAN
MEYER	7.3	7.3	6.7	7.3	7.0	7.0	8.0	8.0	7.7	7.0	5.0	6.3	6.0	5.7	6.9
ZENITH	7.3	7.3	6.0	7.7	6.3	7.0	7.0	9.0	7.3	6.7	5.0	7.0	5.7	5.0	6.7
EMERALD	6.0	7.0	7.0	8.0	6.0	7.0	7.7	7.0	7.0	7.0	4.0	6.3	7.0	5.3	6.6
JAMUR	6.3	7.0	5.7	7.7	5.7	6.0	7.7	7.5	7.7	6.3	5.0	6.0	5.7	5.7	6.4
DALZ 9601	6.0	7.0	5.7	7.7	5.3	6.0	7.7	8.3	6.7	6.7	4.0	6.3	6.3	6.0	6.4
ZEON	6.3	7.0	5.3	7.7	5.3	6.7	7.3	8.0	7.0	6.7	4.3	6.0	6.0	5.3	6.4
ZEN-500	6.7	7.7	5.3	7.7	6.7	6.7	6.0	7.0	6.3	6.7	5.0	6.7	5.3	5.0	6.3
EL TORO	5.3	7.0	5.7	8.0	3.3	6.3	8.0	8.0	7.3	6.0	5.0	6.0	6.3	5.7	6.3
DE ANZA	6.0	7.0	6.3	8.0	4.3	6.5	7.5	.	6.3	6.0	5.0	6.0	6.3	6.0	6.3
J-36	6.7	.	4.7	7.7	5.7	6.7	7.0	8.0	7.3	6.3	5.0	6.0	5.0	5.3	6.3
J-14	6.0	7.0	5.7	7.0	5.7	6.7	7.7	7.0	7.0	5.7	4.7	6.0	5.7	5.3	6.2
J-37	7.0	7.0	5.3	8.0	5.3	6.3	6.3	6.7	7.0	5.7	5.0	6.0	5.3	5.0	6.1
CHINESE COMMON	5.0	7.0	5.3	7.7	5.7	6.3	6.3	8.0	7.0	5.7	5.0	6.3	5.0	5.0	6.1
VICTORIA	6.0	7.0	5.7	7.7	4.3	.	7.5	.	6.7	6.7	4.0	6.3	4.7	6.0	6.0
Z-18	.	6.3	6.0	7.7	.	6.0	6.3	9.0	6.3	5.0	2.7	6.0	.	5.0	6.0
HT-210	6.3	7.0	7.0	8.0	6.0	.	6.3	.	7.0	6.3	1.0	5.7	4.0	6.0	5.9
ZEN-400	6.0	7.0	4.3	7.3	4.3	5.7	6.0	7.3	6.0	5.7	5.0	6.0	5.3	5.0	5.8
KOREAN COMMON	6.3	6.7	4.3	7.3	4.3	6.0	6.0	8.0	6.3	5.0	3.7	6.0	5.3	5.0	5.7
MIYAKO	5.0	7.0	5.3	7.7	3.0	5.3	6.7	5.3	6.7	5.0	4.7	5.0	5.7	4.7	5.5
LSD VALUE	1.5	0.5	1.1	0.8	1.2	0.9	1.3	0.9	1.1	0.7	1.4	0.6	1.4	0.6	0.3
C.V. (%)	15.2	4.3	12.2	6.2	14.7	8.2	11.6	6.5	10.0	7.5	20.1	5.7	15.2	7.0	10.5

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

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

TABLE 16B. GENETIC COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	VA4	MEAN
ZENITH	7.3	7.3	6.0	7.7	6.3	7.0	7.0	9.0	7.3	6.7	5.0	7.0	5.7	5.0	6.7
ZEN-500	6.7	7.7	5.3	7.7	6.7	6.7	6.0	7.0	6.3	6.7	5.0	6.7	5.3	5.0	6.3
J-36	6.7	.	4.7	7.7	5.7	6.7	7.0	8.0	7.3	6.3	5.0	6.0	5.0	5.3	6.3
J-37	7.0	7.0	5.3	8.0	5.3	6.3	6.3	6.7	7.0	5.7	5.0	6.0	5.3	5.0	6.1
CHINESE COMMON	5.0	7.0	5.3	7.7	5.7	6.3	6.3	8.0	7.0	5.7	5.0	6.3	5.0	5.0	6.1
Z-18	.	6.3	6.0	7.7	.	6.0	6.3	9.0	6.3	5.0	2.7	6.0	.	5.0	6.0
ZEN-400	6.0	7.0	4.3	7.3	4.3	5.7	6.0	7.3	6.0	5.7	5.0	6.0	5.3	5.0	5.8
KOREAN COMMON	6.3	6.7	4.3	7.3	4.3	6.0	6.0	8.0	6.3	5.0	3.7	6.0	5.3	5.0	5.7
LSD VALUE	1.3	0.7	0.8	0.9	1.6	1.1	1.5	0.5	1.2	0.8	2.1	0.5	0.8	0.3	0.3
C.V. (%)	12.2	6.2	9.7	7.1	18.7	9.7	14.7	3.7	11.4	8.6	28.8	4.6	9.2	4.0	11.2

TABLE 16C. GENETIC COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	VA4	MEAN
MEYER	7.3	7.3	6.7	7.3	7.0	7.0	8.0	8.0	7.7	7.0	5.0	6.3	6.0	5.7	6.9
EMERALD	6.0	7.0	7.0	8.0	6.0	7.0	7.7	7.0	7.0	7.0	4.0	6.3	7.0	5.3	6.6
JAMUR	6.3	7.0	5.7	7.7	5.7	6.0	7.7	7.5	7.7	6.3	5.0	6.0	5.7	5.7	6.4
DALZ 9601	6.0	7.0	5.7	7.7	5.3	6.0	7.7	8.3	6.7	6.7	4.0	6.3	6.3	6.0	6.4
ZEON	6.3	7.0	5.3	7.7	5.3	6.7	7.3	8.0	7.0	6.7	4.3	6.0	6.0	5.3	6.4
EL TORO	5.3	7.0	5.7	8.0	3.3	6.3	8.0	8.0	7.3	6.0	5.0	6.0	6.3	5.7	6.3
DE ANZA	6.0	7.0	6.3	8.0	4.3	6.5	7.5	.	6.3	6.0	5.0	6.0	6.3	6.0	6.3
J-14	6.0	7.0	5.7	7.0	5.7	6.7	7.7	7.0	7.0	5.7	4.7	6.0	5.7	5.3	6.2
VICTORIA	6.0	7.0	5.7	7.7	4.3	.	7.5	.	6.7	6.7	4.0	6.3	4.7	6.0	6.0
HT-210	6.3	7.0	7.0	8.0	6.0	.	6.3	.	7.0	6.3	1.0	5.7	4.0	6.0	5.9
MIYAKO	5.0	7.0	5.3	7.7	3.0	5.3	6.7	5.3	6.7	5.0	4.7	5.0	5.7	4.7	5.5
LSD VALUE	1.7	0.3	1.3	0.7	0.9	0.7	1.2	1.2	1.0	0.7	0.5	0.6	1.6	0.7	0.3
C.V. (%)	17.0	2.5	13.3	5.5	10.8	6.8	9.3	9.1	9.0	6.8	7.1	6.5	17.5	8.2	9.9

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

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

TABLE 17A. SPRING GREENUP RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	AR1	CA3	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	VA4	MEAN
KOREAN COMMON	6.7	7.0	4.3	5.7	7.3	6.7	5.7	5.7	4.7	9.0	4.3	7.0	2.0	6.7	5.9
J-36	8.0	.	4.7	5.7	7.7	6.0	5.0	4.0	4.7	8.3	6.0	7.3	1.7	6.3	5.8
ZEN-400	6.3	5.7	2.7	5.0	8.3	6.3	5.0	5.7	4.3	9.0	5.7	7.3	1.3	6.7	5.7
ZEN-500	6.3	7.0	3.0	4.7	7.7	5.7	4.7	5.0	4.7	8.3	5.7	6.7	1.7	6.7	5.5
J-37	7.0	5.3	3.0	4.0	8.0	6.3	5.7	4.0	4.3	8.3	6.3	6.7	1.3	6.3	5.5
MEYER	8.0	7.0	2.3	5.3	7.3	7.0	2.7	3.7	3.7	6.3	6.7	6.7	1.3	6.3	5.3
CHINESE COMMON	7.7	5.7	1.7	4.7	7.3	5.3	5.0	4.3	5.0	8.0	6.3	5.7	1.3	5.7	5.3
EMERALD	7.7	7.3	3.3	5.0	2.3	3.3	2.0	6.0	6.7	8.0	5.7	7.3	2.3	6.7	5.3
J-14	7.0	5.3	3.7	5.0	6.3	5.3	2.7	4.7	4.0	6.7	6.0	6.3	1.3	7.0	5.1
DALZ 9601	8.3	6.7	4.7	5.3	2.3	4.0	1.0	7.0	4.3	8.0	4.7	7.0	1.3	6.0	5.0
ZEON	8.0	7.0	4.0	4.3	3.3	5.3	1.0	6.0	4.3	8.0	5.0	6.7	1.0	6.3	5.0
ZENITH	6.7	6.7	2.0	4.3	5.3	5.7	3.7	4.0	4.0	8.3	5.7	5.7	1.0	5.3	4.9
EL TORO	7.0	6.7	4.0	4.0	3.3	1.3	1.0	7.0	4.3	8.3	3.7	6.3	2.7	6.7	4.7
JAMUR	8.3	6.7	4.7	3.7	2.3	2.0	1.3	3.0	5.3	8.0	4.0	6.7	3.0	6.3	4.7
VICTORIA	6.7	6.7	4.3	5.3	3.0	1.0	2.0	.	5.3	6.0	2.7	7.0	1.3	6.0	4.4
MIYAKO	6.3	5.7	3.3	4.3	3.0	2.0	0.0	4.5	2.3	6.7	2.0	6.3	4.7	6.3	4.1
Z-18	.	4.0	3.3	1.7	.	6.0	4.3	5.5	3.0	7.3	4.3	3.3	.	2.3	4.1
HT-210	6.3	6.3	2.7	3.7	1.0	.	4.0	.	3.3	6.7	1.3	3.0	3.0	1.7	3.6
DE ANZA	5.3	6.0	4.0	3.7	1.0	1.0	1.0	.	3.7	5.0	2.0	6.0	2.7	2.3	3.4
LSD VALUE	1.7	0.9	1.6	1.1	1.9	1.1	2.0	1.2	1.2	1.3	1.8	1.3	1.1	1.2	0.4
C.V. (%)	14.9	9.2	28.4	15.0	24.1	14.3	39.6	13.8	16.8	11.0	23.9	13.0	35.0	13.6	17.9

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 17B. SPRING GREENUP RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	AR1	CA3	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	VA4	MEAN
KOREAN COMMON	6.7	7.0	4.3	5.7	7.3	6.7	5.7	5.7	4.7	9.0	4.3	7.0	2.0	6.7	5.9
J-36	8.0	.	4.7	5.7	7.7	6.0	5.0	4.0	4.7	8.3	6.0	7.3	1.7	6.3	5.8
ZEN-400	6.3	5.7	2.7	5.0	8.3	6.3	5.0	5.7	4.3	9.0	5.7	7.3	1.3	6.7	5.7
ZEN-500	6.3	7.0	3.0	4.7	7.7	5.7	4.7	5.0	4.7	8.3	5.7	6.7	1.7	6.7	5.5
J-37	7.0	5.3	3.0	4.0	8.0	6.3	5.7	4.0	4.3	8.3	6.3	6.7	1.3	6.3	5.5
CHINESE COMMON	7.7	5.7	1.7	4.7	7.3	5.3	5.0	4.3	5.0	8.0	6.3	5.7	1.3	5.7	5.3
ZENITH	6.7	6.7	2.0	4.3	5.3	5.7	3.7	4.0	4.0	8.3	5.7	5.7	1.0	5.3	4.9
Z-18	.	4.0	3.3	1.7	.	6.0	4.3	5.5	3.0	7.3	4.3	3.3	.	2.3	4.1
LSD VALUE	1.4	0.9	1.5	1.1	2.2	1.2	1.9	0.9	1.1	1.2	2.4	1.0	1.2	1.5	0.4
C.V. (%)	12.9	9.8	29.6	15.9	18.5	10.9	24.8	11.5	15.6	9.2	27.3	10.4	49.0	15.9	17.0

TABLE 17C. SPRING GREENUP RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	AR1	CA3	FL3	GA1	IL2	IN1	KS1	KY1	LA1	MD1	MO1	MS1	TX1	VA4	MEAN
MEYER	8.0	7.0	2.3	5.3	7.3	7.0	2.7	3.7	3.7	6.3	6.7	6.7	1.3	6.3	5.3
EMERALD	7.7	7.3	3.3	5.0	2.3	3.3	2.0	6.0	6.7	8.0	5.7	7.3	2.3	6.7	5.3
J-14	7.0	5.3	3.7	5.0	6.3	5.3	2.7	4.7	4.0	6.7	6.0	6.3	1.3	7.0	5.1
DALZ 9601	8.3	6.7	4.7	5.3	2.3	4.0	1.0	7.0	4.3	8.0	4.7	7.0	1.3	6.0	5.0
ZEON	8.0	7.0	4.0	4.3	3.3	5.3	1.0	6.0	4.3	8.0	5.0	6.7	1.0	6.3	5.0
EL TORO	7.0	6.7	4.0	4.0	3.3	1.3	1.0	7.0	4.3	8.3	3.7	6.3	2.7	6.7	4.7
JAMUR	8.3	6.7	4.7	3.7	2.3	2.0	1.3	3.0	5.3	8.0	4.0	6.7	3.0	6.3	4.7
VICTORIA	6.7	6.7	4.3	5.3	3.0	1.0	2.0	.	5.3	6.0	2.7	7.0	1.3	6.0	4.4
MIYAKO	6.3	5.7	3.3	4.3	3.0	2.0	0.0	4.5	2.3	6.7	2.0	6.3	4.7	6.3	4.1
HT-210	6.3	6.3	2.7	3.7	1.0	.	4.0	.	3.3	6.7	1.3	3.0	3.0	1.7	3.6
DE ANZA	5.3	6.0	4.0	3.7	1.0	1.0	1.0	.	3.7	5.0	2.0	6.0	2.7	2.3	3.4
LSD VALUE	1.8	0.9	1.7	1.0	1.6	1.1	2.0	1.6	1.2	1.4	1.1	1.5	1.0	1.0	0.4
C.V. (%)	15.9	8.9	27.6	14.4	31.6	19.4	70.4	16.1	17.6	12.6	17.0	14.6	29.0	11.6	18.5

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

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

TABLE 18A. LEAF TEXTURE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	IL2	IN1	KS1	KY1	LA1	MO1	MS1	TX1	MEAN
DALZ 9601	7.7	8.7	7.0	8.0	9.0	8.0	9.0	9.0	8.0	7.0	8.0	1.0	7.5
EMERALD	7.0	8.0	6.3	7.7	9.0	8.0	9.0	8.3	8.0	8.0	7.7	1.3	7.4
ZEON	7.7	9.0	7.0	7.3	9.0	8.0	7.7	5.7	8.0	6.7	8.0	1.0	7.1
HT-210	8.0	9.0	7.3	7.7	9.0	.	3.7	.	8.0	4.7	8.0	1.7	6.7
MEYER	6.0	7.0	4.0	7.3	7.7	6.7	6.7	8.3	6.0	5.7	6.0	5.3	6.4
VICTORIA	6.7	7.0	5.0	7.0	7.3	.	5.5	5.0	5.7	4.7	6.3	3.0	5.7
Z-18	.	9.0	7.3	7.3	.	2.0	3.7	7.0	7.0	3.0	5.3	.	5.7
DE ANZA	6.0	7.0	4.7	7.0	7.0	5.5	5.0	4.0	6.0	5.3	6.0	4.7	5.7
EL TORO	4.3	6.0	4.0	7.3	5.7	4.7	5.0	6.0	5.0	4.3	5.0	6.3	5.3
JAMUR	4.7	6.0	3.3	7.3	5.3	5.3	5.7	5.0	5.0	4.7	5.0	6.0	5.3
ZENITH	5.0	5.0	4.3	6.3	5.7	5.0	4.7	7.0	5.3	4.7	4.3	6.0	5.3
J-14	4.0	4.7	3.3	5.7	6.3	5.3	4.0	6.3	5.3	4.7	5.3	7.3	5.2
ZEN-500	4.3	5.3	4.0	7.0	3.7	4.3	5.7	5.7	4.7	4.0	4.7	5.3	4.9
ZEN-400	4.3	5.0	4.0	6.3	4.3	5.0	4.3	6.0	5.0	4.0	4.7	5.3	4.9
J-37	5.0	5.0	3.3	7.0	3.7	3.3	4.3	6.3	4.3	4.0	5.0	6.7	4.8
MIYAKO	4.7	5.7	3.3	7.0	3.3	3.3	4.7	5.0	4.0	3.3	5.0	7.0	4.7
CHINESE COMMON	4.7	4.7	3.3	7.0	2.3	3.3	4.0	4.7	5.0	4.3	4.0	7.0	4.5
J-36	4.7	.	3.0	5.0	3.3	2.0	4.3	4.0	4.7	4.0	4.7	7.3	4.3
KOREAN COMMON	3.7	4.7	3.3	5.0	3.0	2.0	3.0	3.7	4.0	3.0	4.0	7.0	3.9
LSD VALUE	1.1	0.7	0.7	1.2	1.2	1.0	1.6	0.9	0.5	1.7	0.6	2.2	0.4
C.V. (%)	12.7	6.3	9.5	11.3	12.8	11.7	18.2	9.1	5.7	22.0	6.7	27.8	13.6

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 18B. LEAF TEXTURE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	IL2	IN1	KS1	KY1	LA1	MO1	MS1	TX1	MEAN
Z-18	.	9.0	7.3	7.3	.	2.0	3.7	7.0	7.0	3.0	5.3	.	5.7
ZENITH	5.0	5.0	4.3	6.3	5.7	5.0	4.7	7.0	5.3	4.7	4.3	6.0	5.3
ZEN-500	4.3	5.3	4.0	7.0	3.7	4.3	5.7	5.7	4.7	4.0	4.7	5.3	4.9
ZEN-400	4.3	5.0	4.0	6.3	4.3	5.0	4.3	6.0	5.0	4.0	4.7	5.3	4.9
J-37	5.0	5.0	3.3	7.0	3.7	3.3	4.3	6.3	4.3	4.0	5.0	6.7	4.8
CHINESE COMMON	4.7	4.7	3.3	7.0	2.3	3.3	4.0	4.7	5.0	4.3	4.0	7.0	4.5
J-36	4.7	.	3.0	5.0	3.3	2.0	4.3	4.0	4.7	4.0	4.7	7.3	4.3
KOREAN COMMON	3.7	4.7	3.3	5.0	3.0	2.0	3.0	3.7	4.0	3.0	4.0	7.0	3.9
LSD VALUE	1.2	0.6	0.7	1.3	1.7	1.2	1.1	0.7	0.7	1.5	0.7	2.6	0.4
C.V. (%)	16.0	6.8	11.2	12.4	28.8	19.4	16.6	7.4	8.2	23.6	10.0	25.4	16.4

TABLE 18C. LEAF TEXTURE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	AR1	CA3	FL1	FL3	IL2	IN1	KS1	KY1	LA1	MO1	MS1	TX1	MEAN
DALZ 9601	7.7	8.7	7.0	8.0	9.0	8.0	9.0	9.0	8.0	7.0	8.0	1.0	7.5
EMERALD	7.0	8.0	6.3	7.7	9.0	8.0	9.0	8.3	8.0	8.0	7.7	1.3	7.4
ZEON	7.7	9.0	7.0	7.3	9.0	8.0	7.7	5.7	8.0	6.7	8.0	1.0	7.1
HT-210	8.0	9.0	7.3	7.7	9.0	.	3.7	.	8.0	4.7	8.0	1.7	6.7
MEYER	6.0	7.0	4.0	7.3	7.7	6.7	6.7	8.3	6.0	5.7	6.0	5.3	6.4
VICTORIA	6.7	7.0	5.0	7.0	7.3	.	5.5	5.0	5.7	4.7	6.3	3.0	5.7
DE ANZA	6.0	7.0	4.7	7.0	7.0	5.5	5.0	4.0	6.0	5.3	6.0	4.7	5.7
EL TORO	4.3	6.0	4.0	7.3	5.7	4.7	5.0	6.0	5.0	4.3	5.0	6.3	5.3
JAMUR	4.7	6.0	3.3	7.3	5.3	5.3	5.7	5.0	5.0	4.7	5.0	6.0	5.3
J-14	4.0	4.7	3.3	5.7	6.3	5.3	4.0	6.3	5.3	4.7	5.3	7.3	5.2
MIYAKO	4.7	5.7	3.3	7.0	3.3	3.3	4.7	5.0	4.0	3.3	5.0	7.0	4.7
LSD VALUE	1.1	0.7	0.7	1.2	0.7	0.8	2.0	1.2	0.4	1.8	0.5	1.9	0.3
C.V. (%)	11.1	6.0	8.5	10.5	6.0	7.8	18.7	10.3	3.9	21.0	4.7	29.7	12.0

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

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

TABLE 19A. SPRING DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	FL1	LA1	TX1	MEAN
EMERALD	6.0	8.0	7.0	7.0
HT-210	6.0	8.7	6.0	6.9
DALZ 9601	6.0	8.0	5.7	6.6
ZEON	5.7	8.0	6.0	6.6
Z-18	4.7	8.0	.	6.3
JAMUR	5.0	8.0	6.0	6.3
DE ANZA	5.0	8.0	5.3	6.1
EL TORO	5.0	8.0	5.0	6.0
VICTORIA	5.0	8.0	5.0	6.0
MIYAKO	5.0	8.0	4.7	5.9
MEYER	3.7	8.3	4.7	5.6
J-37	4.7	8.0	3.7	5.4
J-14	5.0	7.0	4.3	5.4
ZEN-400	5.0	8.0	3.3	5.4
CHINESE COMMON	4.3	7.7	3.7	5.2
J-36	4.7	7.7	3.3	5.2
ZEN-500	4.3	7.3	4.0	5.2
ZENITH	4.0	8.0	3.7	5.2
KOREAN COMMON	4.3	7.0	4.0	5.1
LSD VALUE	0.6	0.7	1.5	0.6
C.V. (%)	7.6	5.6	19.5	10.6

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

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

TABLE 19B. SPRING DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	FL1	IA1	TX1	MEAN
Z-18	4.7	8.0	.	6.3
J-37	4.7	8.0	3.7	5.4
ZEN-400	5.0	8.0	3.3	5.4
CHINESE COMMON	4.3	7.7	3.7	5.2
J-36	4.7	7.7	3.3	5.2
ZEN-500	4.3	7.3	4.0	5.2
ZENITH	4.0	8.0	3.7	5.2
KOREAN COMMON	4.3	7.0	4.0	5.1
LSD VALUE	0.8	0.6	1.8	0.7
C.V. (%)	11.1	4.6	30.3	13.3

TABLE 19C. SPRING DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	FL1	LA1	TX1	MEAN
EMERALD	6.0	8.0	7.0	7.0
HT-210	6.0	8.7	6.0	6.9
DALZ 9601	6.0	8.0	5.7	6.6
ZEON	5.7	8.0	6.0	6.6
JAMUR	5.0	8.0	6.0	6.3
DE ANZA	5.0	8.0	5.3	6.1
EL TORO	5.0	8.0	5.0	6.0
VICTORIA	5.0	8.0	5.0	6.0
MIYAKO	5.0	8.0	4.7	5.9
MEYER	3.7	8.3	4.7	5.6
J-14	5.0	7.0	4.3	5.4
LSD VALUE	0.4	0.8	1.3	0.5
C.V. (%)	4.7	6.2	14.4	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 20A. SUMMER DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	AR1	FL1	KY1	LA1	TX1	MEAN
HT-210	8.7	8.7	.	8.7	7.7	8.4
DALZ 9601	9.0	7.0	9.0	8.0	7.3	8.1
EMERALD	8.7	8.0	6.0	9.0	8.0	7.9
JAMUR	7.3	6.3	9.0	8.0	7.0	7.5
EL TORO	7.3	7.0	8.3	8.0	6.7	7.5
ZEON	9.0	7.7	5.0	8.0	7.3	7.4
DE ANZA	7.3	7.0	5.0	8.3	6.7	6.9
J-14	6.0	5.7	7.7	7.3	6.0	6.5
VICTORIA	7.0	7.0	4.0	8.0	6.7	6.5
ZEN-400	6.0	5.3	7.3	8.0	5.0	6.3
Z-18	.	5.7	5.0	8.0	.	6.2
J-37	5.3	5.0	7.7	7.7	5.3	6.2
MIYAKO	5.3	5.7	6.5	7.3	5.7	6.1
ZEN-500	5.0	4.3	8.0	7.7	5.3	6.1
MEYER	7.7	3.3	5.3	8.0	5.0	5.9
J-36	5.3	4.3	6.3	7.7	5.0	5.7
CHINESE COMMON	5.0	4.3	6.3	8.0	5.0	5.7
ZENITH	6.0	4.0	6.0	7.3	4.7	5.6
KOREAN COMMON	5.0	4.7	5.7	7.3	4.3	5.4
LSD VALUE	0.9	1.2	1.9	0.7	1.1	0.5
C.V. (%)	8.6	12.4	14.2	5.8	11.5	10.2

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 20B. SUMMER DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	AR1	FL1	KY1	LA1	TX1	MEAN
ZEN-400	6.0	5.3	7.3	8.0	5.0	6.3
Z-18	.	5.7	5.0	8.0	.	6.2
J-37	5.3	5.0	7.7	7.7	5.3	6.2
ZEN-500	5.0	4.3	8.0	7.7	5.3	6.1
J-36	5.3	4.3	6.3	7.7	5.0	5.7
CHINESE COMMON	5.0	4.3	6.3	8.0	5.0	5.7
ZENITH	6.0	4.0	6.0	7.3	4.7	5.6
KOREAN COMMON	5.0	4.7	5.7	7.3	4.3	5.4
LSD VALUE	1.0	1.5	1.2	0.7	1.1	0.5
C.V. (%)	11.5	19.9	10.7	5.9	13.9	11.9

TABLE 20C. SUMMER DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	AR1	FL1	KY1	LA1	TX1	MEAN
HT-210	8.7	8.7	.	8.7	7.7	8.4
DALZ 9601	9.0	7.0	9.0	8.0	7.3	8.1
EMERALD	8.7	8.0	6.0	9.0	8.0	7.9
JAMUR	7.3	6.3	9.0	8.0	7.0	7.5
EL TORO	7.3	7.0	8.3	8.0	6.7	7.5
ZEON	9.0	7.7	5.0	8.0	7.3	7.4
DE ANZA	7.3	7.0	5.0	8.3	6.7	6.9
J-14	6.0	5.7	7.7	7.3	6.0	6.5
VICTORIA	7.0	7.0	4.0	8.0	6.7	6.5
MIYAKO	5.3	5.7	6.5	7.3	5.7	6.1
MEYER	7.7	3.3	5.3	8.0	5.0	5.9
LSD VALUE	0.9	0.8	2.7	0.7	1.1	0.5
C.V. (%)	7.3	7.8	18.3	5.7	10.4	9.2

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

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

TABLE 21A. FALL DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	AR1	FL1	LA1	TX3	MEAN
EMERALD	8.7	8.7	9.0	9.0	8.8
HT-210	8.7	8.7	9.0	9.0	8.8
ZEON	8.7	7.7	8.3	9.0	8.4
DALZ 9601	9.0	7.3	8.0	8.3	8.2
JAMUR	7.7	6.7	7.7	8.7	7.7
VICTORIA	7.3	7.0	8.0	8.3	7.7
EL TORO	7.3	6.7	8.0	8.3	7.6
DE ANZA	6.7	7.0	7.7	7.0	7.1
MIYAKO	5.7	6.7	7.3	8.0	6.9
J-14	6.3	5.3	8.3	6.7	6.7
J-37	6.0	5.0	8.0	7.7	6.7
MEYER	7.3	3.3	8.7	7.3	6.7
Z-18	.	5.3	8.0	6.3	6.6
CHINESE COMMON	5.3	4.7	7.7	7.3	6.3
J-36	5.7	4.3	8.0	7.0	6.3
ZEN-400	6.3	5.0	8.0	5.7	6.3
ZEN-500	5.0	4.3	8.0	7.7	6.3
KOREAN COMMON	4.7	5.0	7.7	7.3	6.2
ZENITH	6.0	4.0	8.0	6.7	6.2
LSD VALUE	1.2	1.2	0.6	2.5	0.8
C.V. (%)	11.3	13.0	4.6	20.4	13.7

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 21B. FALL DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	AR1	FL1	LA1	TX3	MEAN
J-37	6.0	5.0	8.0	7.7	6.7
Z-18	.	5.3	8.0	6.3	6.6
CHINESE COMMON	5.3	4.7	7.7	7.3	6.3
J-36	5.7	4.3	8.0	7.0	6.3
ZEN-400	6.3	5.0	8.0	5.7	6.3
ZEN-500	5.0	4.3	8.0	7.7	6.3
KOREAN COMMON	4.7	5.0	7.7	7.3	6.2
ZENITH	6.0	4.0	8.0	6.7	6.2
LSD VALUE	1.3	1.0	0.5	3.7	1.0
C.V. (%)	14.1	13.7	3.6	32.7	20.1

TABLE 21C. FALL DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	AR1	FL1	LA1	TX3	MEAN
EMERALD	8.7	8.7	9.0	9.0	8.8
HT-210	8.7	8.7	9.0	9.0	8.8
ZEON	8.7	7.7	8.3	9.0	8.4
DALZ 9601	9.0	7.3	8.0	8.3	8.2
JAMUR	7.7	6.7	7.7	8.7	7.7
VICTORIA	7.3	7.0	8.0	8.3	7.7
EL TORO	7.3	6.7	8.0	8.3	7.6
DE ANZA	6.7	7.0	7.7	7.0	7.1
MIYAKO	5.7	6.7	7.3	8.0	6.9
J-14	6.3	5.3	8.3	6.7	6.7
MEYER	7.3	3.3	8.7	7.3	6.7
LSD VALUE	1.2	1.4	0.7	1.1	0.6
C.V. (%)	10.0	12.5	5.2	8.3	9.1

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

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

TABLE 22A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	FL1	IL2	IN1	KY1	MEAN
J-14	33.3	87.7	97.7	80.0	74.7
CHINESE COMMON	34.3	91.0	99.0	73.3	74.4
ZEN-500	36.0	87.7	99.0	68.7	72.8
J-37	41.0	95.3	99.0	54.0	72.3
J-36	44.0	95.7	99.0	45.0	70.9
ZEN-400	25.7	85.7	99.0	69.3	69.9
MEYER	37.3	87.3	99.0	51.7	68.8
KOREAN COMMON	40.7	90.7	76.0	65.0	68.1
ZENITH	40.0	85.0	94.7	41.7	65.3
DALZ 9601	46.3	27.0	86.7	76.7	59.2
EMERALD	45.3	30.7	88.3	32.0	49.1
EL TORO	42.0	37.3	18.3	91.3	47.3
ZEON	44.3	35.7	86.7	9.0	43.9
JAMUR	42.7	12.3	50.0	67.5	43.1
MIYAKO	42.3	25.7	38.3	35.0	35.3
VICTORIA	53.0	29.3	0.0	3.0	21.3
DE ANZA	52.7	9.7	2.0	1.5	16.5
Z-18	20.3	0.0	1.7	35.0	14.3
HT-210	18.7	0.0	0.0	.	6.2
LSD VALUE	8.2	17.7	20.6	28.4	9.5
C.V. (%)	13.0	20.6	19.7	31.6	22.2

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

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

TABLE 22B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	FL1	IL2	IN1	KY1	MEAN
CHINESE COMMON	34.3	91.0	99.0	73.3	74.4
ZEN-500	36.0	87.7	99.0	68.7	72.8
J-37	41.0	95.3	99.0	54.0	72.3
J-36	44.0	95.7	99.0	45.0	70.9
ZEN-400	25.7	85.7	99.0	69.3	69.9
KOREAN COMMON	40.7	90.7	76.0	65.0	68.1
ZENITH	40.0	85.0	94.7	41.7	65.3
Z-18	20.3	0.0	1.7	35.0	14.3
LSD VALUE	8.9	10.5	22.9	20.8	8.4
C.V. (%)	15.7	8.3	17.0	22.2	16.3

TABLE 22C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	FL1	IL2	IN1	KY1	MEAN
J-14	33.3	87.7	97.7	80.0	74.7
MEYER	37.3	87.3	99.0	51.7	68.8
DALZ 9601	46.3	27.0	86.7	76.7	59.2
EMERALD	45.3	30.7	88.3	32.0	49.1
EL TORO	42.0	37.3	18.3	91.3	47.3
ZEON	44.3	35.7	86.7	9.0	43.9
JAMUR	42.7	12.3	50.0	67.5	43.1
MIYAKO	42.3	25.7	38.3	35.0	35.3
VICTORIA	53.0	29.3	0.0	3.0	21.3
DE ANZA	52.7	9.7	2.0	1.5	16.5
HT-210	18.7	0.0	0.0	.	6.2
LSD VALUE	7.6	21.4	18.8	35.5	10.4
C.V. (%)	11.3	38.3	22.7	41.7	28.7

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

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

TABLE 23A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	FL1	IL2	MO1	MEAN
EL TORO	73.7	89.3	98.7	87.2
ZEON	85.7	81.0	93.3	86.7
MIYAKO	74.3	91.7	93.0	86.3
EMERALD	90.0	69.3	98.7	86.0
J-37	57.0	91.3	99.0	82.4
DALZ 9601	72.3	80.3	91.0	81.2
J-36	52.3	89.3	99.0	80.2
ZEN-400	65.3	75.7	99.0	80.0
J-14	70.0	72.3	95.3	79.2
ZEN-500	53.3	78.0	93.3	74.9
MEYER	40.3	84.7	96.0	73.7
CHINESE COMMON	53.3	74.3	87.3	71.7
JAMUR	72.3	39.3	99.0	70.2
DE ANZA	77.0	73.7	55.0	68.6
KOREAN COMMON	55.7	88.0	57.7	67.1
ZENITH	49.0	71.3	75.0	65.1
VICTORIA	75.7	61.7	51.7	63.0
HT-210	92.3	14.3	3.3	36.7
Z-18	67.7	0.0	26.7	31.4
LSD VALUE	13.2	16.9	29.4	12.1
C.V. (%)	12.3	15.1	22.9	18.1

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 23B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	FL1	IL2	MO1	MEAN
J-37	57.0	91.3	99.0	82.4
J-36	52.3	89.3	99.0	80.2
ZEN-400	65.3	75.7	99.0	80.0
ZEN-500	53.3	78.0	93.3	74.9
CHINESE COMMON	53.3	74.3	87.3	71.7
KOREAN COMMON	55.7	88.0	57.7	67.1
ZENITH	49.0	71.3	75.0	65.1
Z-18	67.7	0.0	26.7	31.4
LSD VALUE	14.0	14.9	33.7	13.1
C.V. (%)	15.4	13.0	26.3	20.5

TABLE 23C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	FL1	IL2	MO1	MEAN
EL TORO	73.7	89.3	98.7	87.2
ZEON	85.7	81.0	93.3	86.7
MIYAKO	74.3	91.7	93.0	86.3
EMERALD	90.0	69.3	98.7	86.0
DALZ 9601	72.3	80.3	91.0	81.2
J-14	70.0	72.3	95.3	79.2
MEYER	40.3	84.7	96.0	73.7
JAMUR	72.3	39.3	99.0	70.2
DE ANZA	77.0	73.7	55.0	68.6
VICTORIA	75.7	61.7	51.7	63.0
HT-210	92.3	14.3	3.3	36.7
LSD VALUE	12.6	18.3	25.7	11.3
C.V. (%)	10.5	16.5	20.1	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 24A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	FL1	IL2	TX3	MEAN
EMERALD	93.3	96.7	99.0	96.3
ZEON	85.0	98.3	96.0	93.1
MIYAKO	80.0	99.0	99.0	92.7
EL TORO	75.0	99.0	99.0	91.0
JAMUR	71.7	99.0	96.0	88.9
DALZ 9601	73.3	98.0	92.7	88.0
VICTORIA	75.0	91.0	97.7	87.9
DE ANZA	76.7	94.0	85.0	85.2
J-37	55.0	98.3	91.3	81.6
J-14	65.0	99.0	78.3	80.8
CHINESE COMMON	51.7	97.0	91.3	80.0
HT-210	90.0	51.0	99.0	80.0
ZEN-500	51.7	96.3	91.3	79.8
KOREAN COMMON	60.0	96.3	75.0	77.1
J-36	51.7	98.3	80.0	76.7
ZENITH	50.0	93.0	78.3	73.8
ZEN-400	58.3	97.3	64.7	73.4
MEYER	41.7	97.7	63.3	67.6
Z-18	63.3	0.0	15.0	26.1
LSD VALUE	12.8	13.8	25.2	10.5
C.V. (%)	11.9	9.6	18.7	14.1

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

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

TABLE 24B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	FL1	IL2	TX3	MEAN
J-37	55.0	98.3	91.3	81.6
CHINESE COMMON	51.7	97.0	91.3	80.0
ZEN-500	51.7	96.3	91.3	79.8
KOREAN COMMON	60.0	96.3	75.0	77.1
J-36	51.7	98.3	80.0	76.7
ZENITH	50.0	93.0	78.3	73.8
ZEN-400	58.3	97.3	64.7	73.4
Z-18	63.3	0.0	15.0	26.1
LSD VALUE	10.1	4.9	36.6	12.8
C.V. (%)	11.4	3.6	31.0	19.4

TABLE 24C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	FL1	IL2	TX3	MEAN
EMERALD	93.3	96.7	99.0	96.3
ZEON	85.0	98.3	96.0	93.1
MIYAKO	80.0	99.0	99.0	92.7
EL TORO	75.0	99.0	99.0	91.0
JAMUR	71.7	99.0	96.0	88.9
DALZ 9601	73.3	98.0	92.7	88.0
VICTORIA	75.0	91.0	97.7	87.9
DE ANZA	76.7	94.0	85.0	85.2
J-14	65.0	99.0	78.3	80.8
HT-210	90.0	51.0	99.0	80.0
MEYER	41.7	97.7	63.3	67.6
LSD VALUE	14.5	17.7	10.8	8.4
C.V. (%)	12.0	11.8	7.4	10.5

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

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

TABLE 25A. FROST TOLERANCE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	MD1	MO1	MEAN
DE ANZA	6.7	5.7	6.2
VICTORIA	5.7	5.0	5.3
ZENITH	5.0	5.7	5.3
DALZ 9601	5.3	5.0	5.2
J-36	5.0	5.3	5.2
ZEON	5.3	5.0	5.2
MIYAKO	5.7	4.0	4.8
ZEN-500	4.3	5.3	4.8
EL TORO	5.0	4.3	4.7
EMERALD	5.0	4.3	4.7
J-14	4.7	4.3	4.5
JAMUR	5.0	4.0	4.5
J-37	3.7	5.0	4.3
MEYER	5.3	3.3	4.3
HT-210	4.5	3.7	4.1
Z-18	4.5	3.7	4.1
ZEN-400	3.0	4.3	3.7
CHINESE COMMON	3.0	3.7	3.3
KOREAN COMMON	3.0	3.7	3.3
LSD VALUE	1.2	1.8	1.1
C.V. (%)	15.4	25.2	20.8

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 25B. FROST TOLERANCE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	MD1	MO1	MEAN
ZENITH	5.0	5.7	5.3
J-36	5.0	5.3	5.2
ZEN-500	4.3	5.3	4.8
J-37	3.7	5.0	4.3
Z-18	4.5	3.7	4.1
ZEN-400	3.0	4.3	3.7
CHINESE COMMON	3.0	3.7	3.3
KOREAN COMMON	3.0	3.7	3.3
LSD VALUE	1.5	2.1	1.3
C.V. (%)	22.6	28.2	26.2

TABLE 25C. FROST TOLERANCE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	MD1	MO1	MEAN
DE ANZA	6.7	5.7	6.2
VICTORIA	5.7	5.0	5.3
DALZ 9601	5.3	5.0	5.2
ZEON	5.3	5.0	5.2
MIYAKO	5.7	4.0	4.8
EL TORO	5.0	4.3	4.7
EMERALD	5.0	4.3	4.7
J-14	4.7	4.3	4.5
JAMUR	5.0	4.0	4.5
MEYER	5.3	3.3	4.3
HT-210	4.5	3.7	4.1
LSD VALUE	1.0	1.6	0.9
C.V. (%)	11.0	22.6	17.0

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

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

TABLE 26A. WINTER COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	LA1	MEAN
VICTORIA	6.7	5.0	7.0	6.2
DE ANZA	6.3	4.7	7.3	6.1
HT-210	5.7	5.7	6.3	5.9
MIYAKO	5.0	4.3	7.3	5.6
ZEON	4.7	4.7	6.7	5.3
EMERALD	2.3	6.3	6.3	5.0
DALZ 9601	4.7	4.3	5.7	4.9
J-36	.	3.7	6.0	4.8
Z-18	4.3	4.7	4.7	4.6
EL TORO	2.0	4.3	7.3	4.6
MEYER	1.0	5.7	6.0	4.2
J-14	1.0	5.0	5.3	3.8
J-37	1.0	4.7	5.3	3.7
JAMUR	1.3	4.3	4.7	3.4
ZEN-500	1.0	4.0	5.3	3.4
ZENITH	1.0	4.3	4.7	3.3
ZEN-400	1.0	3.3	5.3	3.2
CHINESE COMMON	1.0	4.3	3.7	3.0
KOREAN COMMON	1.0	2.7	3.7	2.4
LSD VALUE	0.6	1.2	1.2	0.6
C.V. (%)	13.6	16.3	12.9	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 26B. WINTER COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	LA1	MEAN
J-36	.	3.7	6.0	4.8
Z-18	4.3	4.7	4.7	4.6
J-37	1.0	4.7	5.3	3.7
ZEN-500	1.0	4.0	5.3	3.4
ZENITH	1.0	4.3	4.7	3.3
ZEN-400	1.0	3.3	5.3	3.2
CHINESE COMMON	1.0	4.3	3.7	3.0
KOREAN COMMON	1.0	2.7	3.7	2.4
LSD VALUE	0.4	0.9	1.0	0.5
C.V. (%)	14.8	13.6	13.4	14.6

TABLE 26C. WINTER COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	LA1	MEAN
VICTORIA	6.7	5.0	7.0	6.2
DE ANZA	6.3	4.7	7.3	6.1
HT-210	5.7	5.7	6.3	5.9
MIYAKO	5.0	4.3	7.3	5.6
ZEON	4.7	4.7	6.7	5.3
EMERALD	2.3	6.3	6.3	5.0
DALZ 9601	4.7	4.3	5.7	4.9
EL TORO	2.0	4.3	7.3	4.6
MEYER	1.0	5.7	6.0	4.2
J-14	1.0	5.0	5.3	3.8
JAMUR	1.3	4.3	4.7	3.4
LSD VALUE	0.7	1.4	1.3	0.7
C.V. (%)	12.5	17.3	12.5	14.5

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

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

TABLE 27A. DROUGHT TOLERANCE (RECOVERY) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	GA1
EMERALD	8.0
JAMUR	7.7
HT-210	7.0
VICTORIA	6.7
ZEON	6.7
ZENITH	6.3
CHINESE COMMON	6.0
EL TORO	6.0
J-14	6.0
J-36	6.0
DALZ 9601	5.7
MIYAKO	5.7
Z-18	5.7
ZEN-500	5.7
KOREAN COMMON	5.3
ZEN-400	5.3
DE ANZA	5.0
MEYER	5.0
J-37	4.7
LSD VALUE	1.8
C.V. (%)	16.9

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

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

TABLE 27B. DROUGHT TOLERANCE (RECOVERY) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	GA1
ZENITH	6.3
CHINESE COMMON	6.0
J-36	6.0
Z-18	5.7
ZEN-500	5.7
KOREAN COMMON	5.3
ZEN-400	5.3
J-37	4.7
LSD VALUE	1.8
C.V. (%)	19.9

TABLE 27C. DROUGHT TOLERANCE (RECOVERY) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	GA1
EMERALD	8.0
JAMUR	7.7
HT-210	7.0
VICTORIA	6.7
ZEON	6.7
EL TORO	6.0
J-14	6.0
DALZ 9601	5.7
MIYAKO	5.7
DE ANZA	5.0
MEYER	5.0
LSD VALUE	1.7
C.V. (%)	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 28A. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	FL1	FL3	MEAN
EMERALD	7.0	8.0	7.5
HT-210	7.0	8.0	7.5
MEYER	7.0	7.3	7.2
DE ANZA	6.0	8.0	7.0
Z-18	6.0	7.7	6.8
JAMUR	5.7	7.7	6.7
MIYAKO	5.7	7.7	6.7
VICTORIA	5.7	7.7	6.7
ZEN-500	5.7	7.7	6.7
EL TORO	5.3	8.0	6.7
DALZ 9601	5.3	7.7	6.5
J-14	6.0	7.0	6.5
J-37	4.7	8.0	6.3
ZENITH	4.7	7.7	6.2
ZEON	4.7	7.7	6.2
CHINESE COMMON	4.3	7.7	6.0
KOREAN COMMON	4.0	7.3	5.7
J-36	3.3	7.7	5.5
ZEN-400	3.7	7.3	5.5
LSD VALUE	1.6	0.8	0.9
C.V. (%)	18.2	6.2	11.8

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 28B. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	FL1	FL3	MEAN
Z-18	6.0	7.7	6.8
ZEN-500	5.7	7.7	6.7
J-37	4.7	8.0	6.3
ZENITH	4.7	7.7	6.2
CHINESE COMMON	4.3	7.7	6.0
KOREAN COMMON	4.0	7.3	5.7
J-36	3.3	7.7	5.5
ZEN-400	3.7	7.3	5.5
LSD VALUE	1.3	0.9	0.8
C.V. (%)	17.4	7.1	11.1

TABLE 28C. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	FL1	FL3	MEAN
EMERALD	7.0	8.0	7.5
HT-210	7.0	8.0	7.5
MEYER	7.0	7.3	7.2
DE ANZA	6.0	8.0	7.0
JAMUR	5.7	7.7	6.7
MIYAKO	5.7	7.7	6.7
VICTORIA	5.7	7.7	6.7
EL TORO	5.3	8.0	6.7
DALZ 9601	5.3	7.7	6.5
J-14	6.0	7.0	6.5
ZEON	4.7	7.7	6.2
LSD VALUE	1.7	0.7	0.9
C.V. (%)	18.3	5.5	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 29A. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	FL3	MEAN
EMERALD	7.7	7.0	7.3	7.3
HT-210	7.7	6.7	7.0	7.1
VICTORIA	7.3	6.0	7.7	7.0
DE ANZA	7.3	5.7	7.3	6.8
DALZ 9601	7.0	4.7	7.3	6.3
ZEON	6.3	5.0	7.7	6.3
JAMUR	6.7	5.0	7.0	6.2
EL TORO	6.7	5.0	6.7	6.1
J-14	6.0	6.0	6.3	6.1
J-37	6.0	5.7	6.3	6.0
ZEN-500	6.7	5.0	6.3	6.0
MIYAKO	5.7	4.7	7.3	5.9
ZENITH	7.3	4.7	5.3	5.8
MEYER	5.7	6.3	5.0	5.7
Z-18	5.7	5.3	6.0	5.7
ZEN-400	6.0	4.0	6.3	5.4
CHINESE COMMON	5.3	4.7	5.7	5.2
J-36	.	3.7	6.3	5.0
KOREAN COMMON	6.0	3.0	5.3	4.8
LSD VALUE	1.0	1.6	1.2	0.8
C.V. (%)	9.8	19.0	11.1	13.2

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 29B. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	FL3	MEAN
J-37	6.0	5.7	6.3	6.0
ZEN-500	6.7	5.0	6.3	6.0
ZENITH	7.3	4.7	5.3	5.8
Z-18	5.7	5.3	6.0	5.7
ZEN-400	6.0	4.0	6.3	5.4
CHINESE COMMON	5.3	4.7	5.7	5.2
J-36	.	3.7	6.3	5.0
KOREAN COMMON	6.0	3.0	5.3	4.8
LSD VALUE	0.7	1.2	1.3	0.7
C.V. (%)	7.1	17.0	13.7	12.7

TABLE 29C. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	FL3	MEAN
EMERALD	7.7	7.0	7.3	7.3
HT-210	7.7	6.7	7.0	7.1
VICTORIA	7.3	6.0	7.7	7.0
DE ANZA	7.3	5.7	7.3	6.8
DALZ 9601	7.0	4.7	7.3	6.3
ZEON	6.3	5.0	7.7	6.3
JAMUR	6.7	5.0	7.0	6.2
EL TORO	6.7	5.0	6.7	6.1
J-14	6.0	6.0	6.3	6.1
MIYAKO	5.7	4.7	7.3	5.9
MEYER	5.7	6.3	5.0	5.7
LSD VALUE	1.2	1.8	1.0	0.8
C.V. (%)	11.0	19.8	9.3	13.3

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 (NOVEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	FL3	GA1	MEAN
VICTORIA	7.0	5.7	7.7	5.7	6.5
EMERALD	4.7	7.3	7.0	5.3	6.1
ZEON	5.7	5.7	6.7	6.0	6.0
DE ANZA	6.7	5.7	7.0	4.3	5.9
DALZ 9601	6.0	5.3	7.0	5.3	5.9
HT-210	6.7	6.7	6.3	3.7	5.8
MIYAKO	5.3	4.3	8.0	5.3	5.8
EL TORO	6.0	5.0	7.0	4.7	5.7
JAMUR	5.3	5.0	6.7	5.0	5.5
J-36	.	4.0	6.0	5.7	5.2
MEYER	1.7	6.7	4.7	6.0	4.8
ZENITH	3.0	5.0	6.3	4.7	4.8
Z-18	4.7	5.7	6.3	2.0	4.7
ZEN-500	2.7	5.0	5.3	5.7	4.7
J-14	2.3	5.7	5.0	5.0	4.5
J-37	2.3	4.7	5.7	4.7	4.3
ZEN-400	1.7	3.3	4.3	5.0	3.6
CHINESE COMMON	1.3	5.0	3.7	4.0	3.5
KOREAN COMMON	1.3	3.0	4.3	4.0	3.2
LSD VALUE	1.1	1.3	0.7	1.0	0.5
C.V. (%)	16.8	15.9	7.6	12.2	13.0

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 30B. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	FL3	GA1	MEAN
J-36	.	4.0	6.0	5.7	5.2
ZENITH	3.0	5.0	6.3	4.7	4.8
Z-18	4.7	5.7	6.3	2.0	4.7
ZEN-500	2.7	5.0	5.3	5.7	4.7
J-37	2.3	4.7	5.7	4.7	4.3
ZEN-400	1.7	3.3	4.3	5.0	3.6
CHINESE COMMON	1.3	5.0	3.7	4.0	3.5
KOREAN COMMON	1.3	3.0	4.3	4.0	3.2
LSD VALUE	1.1	1.1	0.9	0.9	0.5
C.V. (%)	27.0	15.9	10.3	12.1	14.6

TABLE 30C. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	FL3	GA1	MEAN
VICTORIA	7.0	5.7	7.7	5.7	6.5
EMERALD	4.7	7.3	7.0	5.3	6.1
ZEON	5.7	5.7	6.7	6.0	6.0
DE ANZA	6.7	5.7	7.0	4.3	5.9
DALZ 9601	6.0	5.3	7.0	5.3	5.9
HT-210	6.7	6.7	6.3	3.7	5.8
MIYAKO	5.3	4.3	8.0	5.3	5.8
EL TORO	6.0	5.0	7.0	4.7	5.7
JAMUR	5.3	5.0	6.7	5.0	5.5
MEYER	1.7	6.7	4.7	6.0	4.8
J-14	2.3	5.7	5.0	5.0	4.5
LSD VALUE	1.2	1.5	0.6	1.0	0.6
C.V. (%)	13.8	15.8	5.9	12.3	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 31A. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	MEAN
VICTORIA	7.0	3.7	5.3
DE ANZA	6.7	3.3	5.0
HT-210	6.0	4.0	5.0
DALZ 9601	5.3	3.3	4.3
ZEON	5.0	3.7	4.3
Z-18	4.7	3.7	4.2
EMERALD	4.0	4.3	4.2
MIYAKO	5.0	3.0	4.0
EL TORO	4.3	3.3	3.8
JAMUR	3.7	3.3	3.5
J-36	.	3.0	3.0
MEYER	1.0	4.3	2.7
J-14	1.0	3.7	2.3
CHINESE COMMON	1.0	3.3	2.2
ZENITH	1.0	3.3	2.2
J-37	1.0	3.0	2.0
ZEN-500	1.0	3.0	2.0
KOREAN COMMON	1.0	2.3	1.7
ZEN-400	1.0	2.3	1.7
LSD VALUE	0.8	0.9	0.6
C.V. (%)	15.4	16.2	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 31B. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	MEAN
Z-18	4.7	3.7	4.2
J-36	.	3.0	3.0
CHINESE COMMON	1.0	3.3	2.2
ZENITH	1.0	3.3	2.2
J-37	1.0	3.0	2.0
ZEN-500	1.0	3.0	2.0
KOREAN COMMON	1.0	2.3	1.7
ZEN-400	1.0	2.3	1.7
LSD VALUE	0.4	0.7	0.4
C.V. (%)	14.3	15.2	15.8

TABLE 31C. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	CA3	FL1	MEAN
VICTORIA	7.0	3.7	5.3
DE ANZA	6.7	3.3	5.0
HT-210	6.0	4.0	5.0
DALZ 9601	5.3	3.3	4.3
ZEON	5.0	3.7	4.3
EMERALD	4.0	4.3	4.2
MIYAKO	5.0	3.0	4.0
EL TORO	4.3	3.3	3.8
JAMUR	3.7	3.3	3.5
MEYER	1.0	4.3	2.7
J-14	1.0	3.7	2.3
LSD VALUE	1.0	1.0	0.7
C.V. (%)	14.1	16.6	15.2

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 32A. SEEDHEAD RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	CA3	FL1	GA1	MEAN
DALZ 9601	9.0	9.0	9.0	9.0
ZEON	9.0	9.0	9.0	9.0
EMERALD	9.0	8.7	9.0	8.9
Z-18	9.0	7.3	8.7	8.3
DE ANZA	8.0	4.0	9.0	7.0
HT-210	6.3	5.3	9.0	6.9
MIYAKO	6.0	5.0	9.0	6.7
VICTORIA	7.7	4.3	8.0	6.7
J-36	.	5.3	7.3	6.3
MEYER	5.3	7.0	6.3	6.2
J-14	5.0	5.0	7.3	5.8
ZENITH	6.0	4.3	7.0	5.8
CHINESE COMMON	4.0	5.3	7.0	5.4
J-37	4.3	5.0	6.7	5.3
KOREAN COMMON	3.0	6.0	6.7	5.2
ZEN-400	4.3	5.7	5.7	5.2
ZEN-500	4.3	4.0	7.3	5.2
JAMUR	4.0	4.0	7.0	5.0
EL TORO	3.7	4.7	5.7	4.7
LSD VALUE	2.4	0.9	1.7	1.0
C.V. (%)	24.6	9.8	14.1	17.0

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

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

TABLE 32B. SEEDHEAD RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	CA3	FL1	GA1	MEAN
Z-18	9.0	7.3	8.7	8.3
J-36	.	5.3	7.3	6.3
ZENITH	6.0	4.3	7.0	5.8
CHINESE COMMON	4.0	5.3	7.0	5.4
J-37	4.3	5.0	6.7	5.3
KOREAN COMMON	3.0	6.0	6.7	5.2
ZEN-400	4.3	5.7	5.7	5.2
ZEN-500	4.3	4.0	7.3	5.2
LSD VALUE	2.5	1.1	2.0	1.1
C.V. (%)	31.2	12.6	17.4	20.4

TABLE 32C. SEEDHEAD RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	CA3	FL1	GA1	MEAN
DALZ 9601	9.0	9.0	9.0	9.0
ZEON	9.0	9.0	9.0	9.0
EMERALD	9.0	8.7	9.0	8.9
DE ANZA	8.0	4.0	9.0	7.0
HT-210	6.3	5.3	9.0	6.9
MIYAKO	6.0	5.0	9.0	6.7
VICTORIA	7.7	4.3	8.0	6.7
MEYER	5.3	7.0	6.3	6.2
J-14	5.0	5.0	7.3	5.8
JAMUR	4.0	4.0	7.0	5.0
EL TORO	3.7	4.7	5.7	4.7
LSD VALUE	2.3	0.7	1.5	1.0
C.V. (%)	21.5	7.7	11.9	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 33A. YELLOW PATCH RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

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

NAME	CA3
DALZ 9601	9.0
EMERALD	9.0
VICTORIA	9.0
ZEN-500	9.0
ZEON	9.0
HT-210	8.7
DE ANZA	8.3
JAMUR	8.0
MEYER	8.0
ZENITH	8.0
EL TORO	7.7
ZEN-400	7.7
CHINESE COMMON	7.3
J-37	7.0
KOREAN COMMON	6.7
MIYAKO	6.7
Z-18	6.0
J-14	5.7
LSD VALUE	1.5
C.V. (%)	11.6

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

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

TABLE 33B. YELLOW PATCH RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

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

NAME	CA3
ZEN-500	9.0
ZENITH	8.0
ZEN-400	7.7
CHINESE COMMON	7.3
J-37	7.0
KOREAN COMMON	6.7
Z-18	6.0
LSD VALUE	1.8
C.V. (%)	15.4

TABLE 33C. YELLOW PATCH RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

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

NAME	CA3
DALZ 9601	9.0
EMERALD	9.0
VICTORIA	9.0
ZEON	9.0
HT-210	8.7
DE ANZA	8.3
JAMUR	8.0
MEYER	8.0
EL TORO	7.7
MIYAKO	6.7
J-14	5.7
LSD VALUE	1.2
C.V. (%)	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 34A. CANOPY HEIGHT MEASUREMENTS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

CANOPY HEIGHT MEASURED IN CENTIMETERS 2/

NAME	IL2
KOREAN COMMON	22.3
J-36	21.3
CHINESE COMMON	19.7
ZENITH	19.3
ZEN-500	19.0
J-37	15.3
MEYER	13.3
J-14	13.0
ZEN-400	11.3
DALZ 9601	10.3
ZEON	10.3
EMERALD	9.7
MIYAKO	9.0
DE ANZA	6.0
EL TORO	5.7
VICTORIA	5.0
JAMUR	4.3
HT-210	3.0
Z-18	0.0
LSD VALUE	3.0
C.V. (%)	16.1

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

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

TABLE 34B. CANOPY HEIGHT MEASUREMENTS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

CANOPY HEIGHT MEASURED IN CENTIMETERS 2/

NAME	IL2
KOREAN COMMON	22.3
J-36	21.3
CHINESE COMMON	19.7
ZENITH	19.3
ZEN-500	19.0
J-37	15.3
ZEN-400	11.3
Z-18	0.0
LSD VALUE	3.7
C.V. (%)	14.3

TABLE 34C. CANOPY HEIGHT MEASUREMENTS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

CANOPY HEIGHT MEASURED IN CENTIMETERS 2/

NAME	IL2
MEYER	13.3
J-14	13.0
DALZ 9601	10.3
ZEON	10.3
EMERALD	9.7
MIYAKO	9.0
DE ANZA	6.0
EL TORO	5.7
VICTORIA	5.0
JAMUR	4.3
HT-210	3.0
LSD VALUE	2.3
C.V. (%)	17.7

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 35A. ZOYSIA MITE (JUNE) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
1999 DATA

ZOYSIA MITE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	MO1
CHINESE COMMON	9.0
DALZ 9601	9.0
DE ANZA	9.0
EL TORO	9.0
EMERALD	9.0
HT-210	9.0
J-37	9.0
JAMUR	9.0
MIYAKO	9.0
VICTORIA	9.0
ZEON	9.0
J-14	8.3
KOREAN COMMON	8.3
Z-18	8.3
ZEN-400	8.3
ZEN-500	8.0
ZENITH	8.0
MEYER	7.3
J-36	6.7
LSD VALUE	1.0
C.V. (%)	7.6

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 35B. ZOYSIA MITE (JUNE) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
1999 DATA

ZOYSIA MITE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	MO1
CHINESE COMMON	9.0
J-37	9.0
KOREAN COMMON	8.3
Z-18	8.3
ZEN-400	8.3
ZEN-500	8.0
ZENITH	8.0
J-36	6.7
LSD VALUE	1.3
C.V. (%)	9.9

TABLE 35C. ZOYSIA MITE (JUNE) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
1999 DATA

ZOYSIA MITE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	MO1
DALZ 9601	9.0
DE ANZA	9.0
EL TORO	9.0
EMERALD	9.0
HT-210	9.0
JAMUR	9.0
MIYAKO	9.0
VICTORIA	9.0
ZEON	9.0
J-14	8.3
MEYER	7.3
LSD VALUE	0.8
C.V. (%)	5.6

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. TURFGRASS CHLOROSIS RATINGS OF ZOYSIAGRASS CULTIVARS
AT RIVERSIDE, CA 1/
1999 DATA

CHLOROSIS RATINGS 1-9; 9=BEST 2/

NAME	MARCH	APRIL	MEAN
DALZ 9601	9.0	9.0	9.0
EL TORO	9.0	9.0	9.0
EMERALD	9.0	9.0	9.0
JAMUR	9.0	9.0	9.0
ZEON	9.0	9.0	9.0
HT-210	8.3	9.0	8.7
DE ANZA	8.0	8.7	8.3
J-37	8.7	8.0	8.3
MEYER	8.3	8.3	8.3
VICTORIA	8.7	8.0	8.3
ZENITH	8.0	7.3	7.7
KOREAN COMMON	7.3	7.7	7.5
J-14	7.0	7.3	7.2
ZEN-500	7.3	7.0	7.2
ZEN-400	7.0	7.0	7.0
CHINESE COMMON	7.0	6.7	6.8
MIYAKO	6.3	7.3	6.8
Z-18	3.7	5.3	4.5
J-36	.	.	.
LSD VALUE	1.3	1.1	1.0
C.V. (%)	10.6	8.8	7.8

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 36B. TURFGRASS CHLOROSIS RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS AT RIVERSIDE, CA 1/
1999 DATA

CHLOROSIS RATINGS 1-9; 9=BEST 2/

NAME	MARCH	APRIL	MEAN
J-37	8.7	8.0	8.3
ZENITH	8.0	7.3	7.7
KOREAN COMMON	7.3	7.7	7.5
ZEN-500	7.3	7.0	7.2
ZEN-400	7.0	7.0	7.0
CHINESE COMMON	7.0	6.7	6.8
Z-18	3.7	5.3	4.5
J-36	.	.	.
LSD VALUE	1.1	2.2	1.3
C.V. (%)	9.2	14.7	10.2

TABLE 36C. TURFGRASS CHLOROSIS RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS AT RIVERSIDE, CA 1/
1999 DATA

CHLOROSIS RATINGS 1-9; 9=BEST 2/

NAME	MARCH	APRIL	MEAN
DALZ 9601	9.0	9.0	9.0
EL TORO	9.0	9.0	9.0
EMERALD	9.0	9.0	9.0
JAMUR	9.0	9.0	9.0
ZEON	9.0	9.0	9.0
HT-210	8.3	9.0	8.7
DE ANZA	8.0	8.7	8.3
MEYER	8.3	8.3	8.3
VICTORIA	8.7	8.0	8.3
J-14	7.0	7.3	7.2
MIYAKO	6.3	7.3	6.8
LSD VALUE	1.9	0.5	1.0
C.V. (%)	11.4	3.9	6.7

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. SCALPING RATINGS OF ZOYSIAGRASS CULTIVARS
AT RIVERSIDE, CA 1/
1999 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	APRIL	OCTOBER	MEAN
CHINESE COMMON	9.0	9.0	9.0
DE ANZA	9.0	9.0	9.0
J-37	9.0	9.0	9.0
JAMUR	9.0	9.0	9.0
KOREAN COMMON	9.0	9.0	9.0
MIYAKO	9.0	9.0	9.0
VICTORIA	9.0	9.0	9.0
ZEN-400	9.0	9.0	9.0
ZEN-500	9.0	9.0	9.0
ZENITH	9.0	9.0	9.0
EL TORO	9.0	8.7	8.8
J-14	9.0	8.7	8.8
DALZ 9601	9.0	8.3	8.7
MEYER	9.0	8.3	8.7
ZEON	8.3	8.3	8.3
EMERALD	7.3	8.7	8.0
Z-18	9.0	7.0	8.0
HT-210	8.0	6.0	7.0
J-36	.	.	.
LSD VALUE	1.6	0.9	0.8
C.V. (%)	7.4	6.7	5.1

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 37B. SCALPING RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
AT RIVERSIDE, CA 1/
1999 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	APRIL	OCTOBER	MEAN
CHINESE COMMON	9	9	9
J-37	9	9	9
KOREAN COMMON	9	9	9
ZEN-400	9	9	9
ZEN-500	9	9	9
ZENITH	9	9	9
Z-18	9	7	8
J-36	.	.	.
LSD VALUE	-	0.6	0.3
C.V. (%)	0	4.3	2.1

TABLE 37C. SCALPING RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
AT RIVERSIDE, CA 1/
1999 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	APRIL	OCTOBER	MEAN
DE ANZA	9.0	9.0	9.0
JAMUR	9.0	9.0	9.0
MIYAKO	9.0	9.0	9.0
VICTORIA	9.0	9.0	9.0
EL TORO	9.0	8.7	8.8
J-14	9.0	8.7	8.8
DALZ 9601	9.0	8.3	8.7
MEYER	9.0	8.3	8.7
ZEON	8.3	8.3	8.3
EMERALD	7.3	8.7	8.0
HT-210	8.0	6.0	7.0
LSD VALUE	1.9	1.2	1.0
C.V. (%)	9.2	8.1	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 38A. DORMANCY RATINGS OF ZOYSIAGRASS CULTIVARS
AT GRIFFIN, GA 1/
1999 DATA

DORMANCY RATINGS 1-9; 9=NO DORMANCY 2/

NAME	APRIL	JULY	AUGUST	MEAN
	5.3	9.0	6.0	6.8
HT-210	3.7	8.0	5.7	5.8
DALZ 9601	5.7	6.7	4.7	5.7
ZEON	5.7	6.0	5.3	5.7
JAMUR	4.7	6.3	5.7	5.6
EL TORO	5.0	6.3	5.0	5.4
EMERALD	5.0	5.3	5.3	5.2
VICTORIA	4.3	6.7	4.7	5.2
Z-18	3.7	5.7	4.0	4.4
J-36	4.0	5.0	4.0	4.3
ZEN-400	4.3	5.3	3.3	4.3
CHINESE COMMON	5.0	4.7	3.0	4.2
ZENITH	3.7	5.7	3.0	4.1
KOREAN COMMON	4.7	4.3	3.0	4.0
MEYER	3.7	4.7	3.7	4.0
MIYAKO	4.0	4.5	3.7	4.0
ZEN-500	3.3	5.3	3.3	4.0
J-14	2.7	4.0	4.0	3.6
J-37	4.3	4.0	2.0	3.4
DE ANZA	3.0	5.0	4.0	3.3
LSD VALUE	1.2	1.7	1.5	1.0
C.V. (%)	17.0	16.7	20.9	13.8

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 38B. DORMANCY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
AT GRIFFIN, GA 1/
1999 DATA

DORMANCY RATINGS 1-9; 9=NO DORMANCY 2/

NAME	APRIL	JULY	AUGUST	MEAN
Z-18	3.7	5.7	4.0	4.4
J-36	4.0	5.0	4.0	4.3
ZEN-400	4.3	5.3	3.3	4.3
CHINESE COMMON	5.0	4.7	3.0	4.2
ZENITH	3.7	5.7	3.0	4.1
KOREAN COMMON	4.7	4.3	3.0	4.0
ZEN-500	3.3	5.3	3.3	4.0
J-37	4.3	4.0	2.0	3.4
LSD VALUE	-	2.1	2.3	-
C.V. (%)	22.2	17.9	30.0	20.4

TABLR 38C. DORMANCY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
AT GRIFFIN, GA 1/
1999 DATA

DORMANCY RATINGS 1-9; 9=NO DORMANCY 2/

NAME	APRIL	JULY	AUGUST	MEAN
HT-210	3.7	8.0	5.7	5.8
DALZ 9601	5.7	6.7	4.7	5.7
ZEON	5.7	6.0	5.3	5.7
JAMUR	4.7	6.3	5.7	5.6
EL TORO	5.0	6.3	5.0	5.4
EMERALD	5.0	5.3	5.3	5.2
VICTORIA	4.3	6.7	4.7	5.2
MEYER	3.7	4.7	3.7	4.0
MIYAKO	4.0	4.5	3.7	4.0
J-14	2.7	4.0	4.0	3.6
DE ANZA	3.0	5.0	4.0	3.3
LSD VALUE	0.9	2.0	1.7	0.7
C.V. (%)	13.4	16.7	16.5	9.4

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

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