

# University of GA Coop Ext Service

## 2002 Zoysiagrass NTEP Trial

Trial ID: Zoysia NTEP-02

Location: GAES - Griffin

Investigator: F. Clint Waltz

### GENERAL TRIAL INFORMATION

Investigator: F. Clint Waltz

Title: Turf Scientist

Affiliation: UGA- CAES

### TRIAL LOCATION

City: Ga Station, Griffin

Trial Status: ARCHIVED

State/Prov.: GA

Initiation Date: 7-10-2002

Conducted Under GLP (Y/N): N

Conducted Under GEP (Y/N): N

### CROP DESCRIPTION

Crop 1: ZOYJA Zoysia japonica/ Zoysiagrass

### SITE AND DESIGN

Plot Width, Unit: 7 FT Plot Length, Unit: 7 FT Reps: 3

Study Design: RANDOMIZED COMPLETE BLOCK

### APPLICATION DESCRIPTION

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Application Date:	7-10-2002

**University of GA Coop Ext Service**  
**2002 Zoysiagrass NTEP Trial**

Trial ID: Zoysia NTEP-02

Location: GAES - Griffin

Investigator: F. Clint Waltz

Crop Code	ZOYJA	ZOYJA	ZOYJA	ZOYJA	ZOYJA	ZOYJA	ZOYJA	ZOYJA
Rating Data Type	TQ	TQ	TQ	TQ	TQ	Plug Count	Vigor	Cover
Rating Unit	1-9	1-9	1-9	1-9	1-9	x of 24	1 to 9	1-9
Rating Date	6-23-2003	7-24-2003	9-2-2003	9-30-2003	10-29-2003	9-9-2002	9-30-2002	11-21-2002
Assessed By	FCW	JB	JB	FCW		JB	FCW	FCW
Trt-Eval Interval	11 MAE	12 MAE	13 MAE	14 MAE	15 MAE	2 MAE	2 MAE	4 MAE
# Subsamples, Dec.	1 1	1 1	1 1	1 1	1 1	1 0	1 1	1 1
Trt Treatment No. Name								
1 Meyer	5.3 f	5.7 cde	7.7 abc	7.3 abc	5.3 de	24 a	6.2 def	2.2 gh
2 Emerald	5.7 def	5.8 b-e	7.7 abc	7.0 bcd	6.0 cd	24 a	6.8 b-e	3.2 d-g
3 Himeno	6.2 b-f	6.3 a-d	7.5 a-d	6.5 de	5.3 de	23 a	7.0 b-e	2.8 e-h
4 J-37	6.7 a-d	6.5 a-d	6.5 fgh	6.5 de	5.2 e		6.2 def	3.8 a-f
5 Zenith	6.7 a-d	6.5 a-d	6.7 e-h	6.5 de	5.3 de		6.7 b-e	4.5 ab
6 PZA-32	6.5 a-e	6.3 a-d	6.7 e-h	6.5 de	5.2 e		6.5 b-e	4.8 a
7 PZB-33	6.2 b-f	6.3 a-d	7.0 c-g	6.5 de	5.2 e		6.7 b-e	4.3 abc
8 Companion	7.0 ab	6.7 abc	6.7 e-h	6.5 de	5.3 de		6.0 ef	4.2 a-d
9 PST-R7ZM	5.5 ef	5.5 de	6.8 d-h	6.8 cde	4.8 e		4.0 g	2.8 e-h
10 PST-R7MA	5.8 c-f	6.3 a-d	6.3 gh	6.5 de	5.2 e		4.3 g	2.8 e-h
11 GN-2	5.3 f	5.2 e	6.7 d-h	6.9 b-e	5.6 de	24 a	5.3 f	2.0 h
12 DALZ 0102	6.2 b-f	6.3 a-d	6.3 gh	6.5 de	5.2 e	24 a	7.3 abc	3.2 d-g
13 DALZ 0104	5.8 c-f	6.5 a-d	8.0 a	7.8 a	7.2 a	24 a	7.5 ab	3.7 b-f
14 BMZ 230	6.0 b-f	7.3 a	7.0 c-g	6.7 de	6.3 bc	16 b	6.7 b-e	3.0 d-h
15 DALZ 9604	5.8 c-f	6.5 a-d	7.2 b-f	7.0 bcd	6.7 abc	24 a	8.2 a	4.0 a-e
16 DALZ 0105	5.8 c-f	6.5 a-d	7.3 a-e	7.5 ab	7.2 a	23 a	6.8 b-e	2.8 e-h
17 DALZ 0101	6.5 a-e	6.5 a-d	7.8 ab	7.5 ab	7.0 ab	23 a	6.8 b-e	3.3 c-g
18 Zorro	7.3 a	7.0 a	7.5 a-d	7.8 a	7.0 ab	24 a	7.3 abc	3.3 c-g
19 6186	6.8 abc	7.3 a	7.5 a-d	7.0 bcd	7.3 a	23 a	8.2 a	4.2 a-d
20 Chinese Common	7.0 ab	6.7 abc	6.3 gh	6.3 e	5.0 e		6.7 b-e	3.8 a-f
21 Zeon	6.3 b-f	6.7 abc	8.0 a	7.5 ab	6.8 ab	24 a	6.5 b-e	2.8 e-h
22 El Toro	5.8 c-f	6.2 a-e	6.2 h	6.5 de	5.0 e	23 a	6.3 cde	2.7 fgh
23 Empress	6.0 b-f	6.7 abc	7.3 a-e	7.5 ab	7.0 ab	24 a	7.0 b-e	3.0 e-h
24 Empire	6.5 a-e	6.8 ab	6.3 gh	6.5 de	5.5 de	24 a	7.2 bcd	3.3 c-g
LSD (P=.05)	0.85	0.96	0.68	0.55	0.68	1.7	0.89	0.98
Standard Deviation	0.51	0.58	0.41	0.33	0.41	1.0	0.54	0.59
CV	8.28	9.08	5.82	4.84	7.03	4.46	8.14	17.66

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

# University of GA Coop Ext Service

Crop Code	ZOYJA	ZOYJA	ZOYJA	ZOYJA	ZOYJA
Rating Data Type	Dormancy	Frost Toler	Coverage	Mite Damage	Color
Rating Unit	%	1 to 9	%	1-9	1-9
Rating Date	11-27-2002	11-27-2002	6-23-2003	6-23-2003	9-30-2003
Assessed By	BP	BP	FCW	FCW	FCW
Trt-Eval Interval	4 MAE	4 MAE	11 MAE	11 MAE	14 MAE
# Subsamples, Dec.	1 1	1 1	1 1	1 1	1 1
Trt Treatment No. Name					
1 Meyer	60.0 cde	4.0 d-g	28.3 h	9.0 a	7.5 a-d
2 Emerald	40.0 h	6.3 a	43.3 e-h	9.0 a	7.3 bcd
3 Himeno	50.0 fg	5.3 a-d	60.0 b-f	7.7 b	7.7 abc
4 J-37	63.3 bcd	3.7 efg	60.0 b-f	9.0 a	6.7 ef
5 Zenith	66.7 abc	3.3 efg	81.7 ab	9.0 a	6.7 ef
6 PZA-32	56.7 def	4.3 c-f	76.7 abc	9.0 a	7.0 def
7 PZB-33	66.7 abc	3.3 efg	76.7 abc	9.0 a	6.7 ef
8 Companion	73.3 a	2.7 g	85.0 a	9.0 a	6.5 f
9 PST-R7ZM			50.0 d-g	9.0 a	7.2 cde
10 PST-R7MA			60.0 b-f	8.0 ab	6.5 f
11 GN-2	53.3 ef	4.7 b-e	30.0 gh	9.0 a	7.0 def
12 DALZ 0102	53.3 ef	4.7 b-e	63.3 b-e	9.0 a	6.5 f
13 DALZ 0104	43.3 gh	5.7 abc	40.0 fgh	9.0 a	7.8 ab
14 BMZ 230	70.0 ab	3.7 efg	71.7 abc	9.0 a	7.3 bcd
15 DALZ 9604	53.3 ef	4.7 b-e	60.0 b-f	9.0 a	7.0 def
16 DALZ 0105	40.0 h	6.3 a	55.0 c-f	9.0 a	7.7 abc
17 DALZ 0101	40.0 h	6.3 a	56.7 c-f	9.0 a	7.5 a-d
18 Zorro	43.3 gh	5.7 abc	81.7 ab	9.0 a	7.0 def
19 6186	43.3 gh	6.3 a	75.0 abc	9.0 a	7.8 ab
20 Chinese Common	70.0 ab	3.0 fg	76.7 abc	9.0 a	6.7 ef
21 Zeon	40.0 h	6.0 ab	66.7 a-d	9.0 a	7.2 cde
22 El Toro	50.0 fg	5.3 a-d	41.7 fgh	9.0 a	6.7 ef
23 Empress	53.3 ef	4.7 b-e	45.0 e-h	9.0 a	8.0 a
24 Empire	56.7 def	4.3 c-f	75.0 abc	9.0 a	7.2 cde
LSD (P=.05)	7.64	1.21	18.28	0.95	0.51
Standard Deviation	4.63	0.73	11.08	0.58	0.31
CV	8.58	15.45	18.21	6.48	4.34

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)