

University of GA Coop Ext Service**Tolerance of 'Meyer' Zoysiagrass to Revolver**

Trial ID: Turf47-03
 Location: Marshallville

Study Dir.: Bill Nutt
 Investigator: Tim R Murphy

GENERAL TRIAL INFORMATION

Study Director: Bill Nutt **Title:** ARC I
Affiliation: UGA-CAES
Investigator: Tim R Murphy **Title:** Weed Scientist
Affiliation: UGA-CAES

TRIAL LOCATION

City: Marshallville **Trial Status:** ARCHIVED
State/Prov.: GA **Initiation Date:** 7-22-2003

COOPERATOR/LANDOWNER

Cooperator: Laurence Mudge
Org: Bayer
Cooperator: The Turfgrass Group
City: Marshallville
State/Prov: GA

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

CROP DESCRIPTION

Crop 1: ZOYJA GRASS, ZOYSIA **Variety:** Meyer

SITE AND DESIGN

Plot Width, Unit: 6 FT **Plot Length, Unit:** 10 FT **Reps:** 3
Site Type: Sod farm **Study Design:** RANDOMIZED COMPLETE

APPLICATION DESCRIPTION

	A	B
Application Date:	7-22-2003	7-29-2003
Time of Day:	10:00 am	11:00 am
Application Method:	Spray	Spray
Application Timing:	PrePost	Post
Applic. Placement:	Foliar	Foliar
Air Temp., Unit:	83 F	88 F
% Relative Humidity:	78	82
Wind Velocity, Unit:	4 mph	2 mph
Dew Presence (Y/N):	N	N
Soil Temp., Unit:	80 F	81 F
Soil Moisture:	Normal	Good
% Cloud Cover:	50	10

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CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	ZOYJA	ZOYJA
Stage Scale:	Active	Active
Height, Unit:	1.0 inch	1.0 inch

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	Backpack	Backpack
Operating Pressure:	26 psi	26 psi
Nozzle Type:	Flat Fan	Flat Fan
Nozzle Size:	8004	8004
Nozzle Spacing, Unit:	20 inch	20 inch
Boom Length, Unit:	5 feet	5 feet
Boom Height, Unit:	20 inch	20 inch
Ground Speed, Unit:	3 mph	3 mph
Carrier:	Water	Water
Spray Volume, Unit:	25 gpa	25 gpa
Propellant:	C02	C02
Tank Mix (Y/N):	N	N

Trial Comments

7-29-03

Plot area had been clipped, probably the day prior to rating. Therefore, injury was difficult to see. Only slight differences were observed.

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Crop Code			ZOYJA	ZOYJA	ZOYJA	ZOYJA					
Part Rated			Foliag	Foliag	Foliag	Foliag					
Rating Data Type			Injury	Injury	Injury	Injury					
Rating Unit			0-100	0-100	0-100	0-100					
Rating Date			7-29-2003	8-4-2003	8-18-2003	9-8-2003					
Trt-Eval Interval			7 DA-A	13 DA-A	27 DA-A	48 DA-A					
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Unit	Grow Stg	Appl Code				
1	Untreated					0 b	0 c	0 a	0 a		
2	Revolver	0.19	SC	0.4 oz/1000 ft2		Active	A	0 b	12 b	0 a	0 a
	Revolver	0.19	SC	0.4 oz/1000 ft2		Active	B				
3	Revolver	0.19	SC	0.6 oz/1000 ft2		Active	A	0 b	12 b	0 a	0 a
	Revolver	0.19	SC	0.6 oz/1000 ft2		Active	B				
4	Revolver	0.19	SC	0.8 oz/1000 ft2		Active	A	10 a	12 b	0 a	0 a
	Revolver	0.19	SC	0.8 oz/1000 ft2		Active	B				
5	Revolver	0.19	SC	1.2 oz/1000 ft2		Active	A	8 a	20 a	0 a	0 a
	Revolver	0.19	SC	1.2 oz/1000 ft2		Active	B				
6	Revolver	0.19	SC	0.6 oz/1000 ft2		Active	A	0 b	10 b	0 a	0 a
	Fe2SO4	2.5	SC	13 oz/1000 ft2		Active	A				
	Revolver	0.19	SC	0.6 oz/1000 ft2		Active	B				
	Fe2SO4	2.5	SC	13 oz/1000 ft2		Active	B				
LSD (P=.05)								2.1	3.7	0.0	0.0
Standard Deviation								1.2	2.0	0.0	0.0
CV								38.57	18.84	0.0	0.0

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