

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
Spray vol: 15 gal/ac Mix size: 1.5 liters (min .78211)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	2	3	4
1	NTC							101	212	305	408
2	AUTHORITY XL ROUNDUP WM	70 DG 5.5 SL		6.5 OZ/A 22.0 OZ/A	PRE POST	A B	4.868 g/mx 17.19 ml/mx	102	201	302	409
3	VALOR XLT ROUNDUP WM	40.3 WG 5.5 SL		5.0 OZ/A 22.0 OZ/A	PRE POST	A B	3.745 g/mx 17.19 ml/mx	103	210	309	405
4	FIERCE ROUNDUP WM	76 WG 5.5 SL		3.0 OZ/A 22.0 OZ/A	PRE POST	A B	2.247 g/mx 17.19 ml/mx	104	205	304	407
5	PREFIX ROUNDUP WM	5.29 EC 5.5 SL		2.0 PT/A 22.0 OZ/A	PRE POST	A B	25.0 ml/mx 17.19 ml/mx	105	203	307	401
6	CANOPY ROUNDUP WM	75 DG 5.5 SL		6.0 OZ/A 22.0 OZ/A	PRE POST	A B	4.493 g/mx 17.19 ml/mx	106	204	308	402
7	AUTHORITY XL ROUNDUP WM ANTHEM	70 DG 5.5 SL 2.15 SL		6.5 OZ/A 22.0 OZ/A 6.0 OZ/A	PRE POST POST	A B B	4.868 g/mx 17.19 ml/mx 4.687 ml/mx	107	206	311	404
8	ANTHEM ROUNDUP WM	2.15 SL 5.5 SL		5.0 OZ/A 22.0 OZ/A	PRE POST	A B	3.906 ml/mx 17.19 ml/mx	108	207	306	412
9	ANTHEM ROUNDUP WM	2.15 SL 5.5 SL		7.0 OZ/A 22.0 OZ/A	PRE POST	A B	5.468 ml/mx 17.19 ml/mx	109	208	312	411
10	ANTHEM PREFIX NIS	2.15 SL 5.29 EC		5.0 OZ/A 2.0 PT/A 0.25 % V/V	PRE POST POST	A B B	3.906 ml/mx 25.0 ml/mx 3.75 ml/mx	110	202	303	410
11	ANTHEM TRICOR ROUNDUP WM	2.15 SL 75 WG 5.5 SL		5.0 OZ/A 5.3 OZ/A 22.0 OZ/A	PRE PRE POST	A A B	3.906 ml/mx 3.969 g/mx 17.19 ml/mx	111	209	301	403
12	TRICOR ROUNDUP WM ANTHEM	75 WG 5.5 SL 2.15 SL		5.3 OZ/A 22.0 OZ/A 5.0 OZ/A	PRE POST POST	A B B	3.969 g/mx 17.19 ml/mx 3.906 ml/mx	112	211	310	406

Sort Order: Replicate 1

Trial Comments

AUTHORITY XL = SULFENTRAZONE (62%) + CHLORIMURON (8%)
VALOR XLT = FLUMIOXAZIN (30%) + CHLORIMURON (10.3%)
FIERCE = FLUMIOXAZIN (33.5%) + PYROXASULFONE (42.5%)
CANOPY = METRIBUZIN (64.3%) + CHLORIMURON (10.7%)
ANTHEM = PYROXASULFONE + FLUTHIACET
PREFIX = S-MOC (4.34 LBS/GAL) + FOMESFAEN (0.95 LBS/GAL)

ANNUAL GRASS = TEXAS MILLET + CRABGRASS + GOOSEGRASS

YIELDS ADJUSTED TO 13% MOISTURE.

SUMMARY:

- 1) ALL PRE TREATMENTS CAUSED SIGNIFICANT SOYBEAN STUNTING. VALOR XLT CAUSED THE MOST INJURY.
- 2) ON AUGUST 13 (83 DAP), ALL TREATMENTS PROVIDED EXCELLENT CONTROL (>95%) OF PALMER AMARANTH.
- 3) ON AUGUST 13 (83 DAP), ALL TREATMENTS PROVIDED AT LEAST 90% CONTROL OF ANNUAL GRASSES EXCEPT FOR THE FOLLOWING:
CANOPY (PRE) FB ROUNDUP (POST) = 84% CONTROL

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
Location: PONDER FARM Investigator: Eric P. Prostko

ANTHEM (PRE) FB PREFIX (POST) = 86% CONTROL
4) ALL HERBICIDE TREATMENTS RESULTED IN GREATER YIELDS THAN THE NTC.
5) GENERALLY, THERE WERE NO DIFFERENCES IN SOYBEAN YIELD BETWEEN TREATED PLOTS EXCEPT FOR THE FOLLOWING:
A) ANTHEM (7 OZ/A) FB ROUNDUP HAD LOWER YIELDS (11-15%) THAN AUTHORITY XL FB ROUNDUP AND PREFIX FB ROUNDUP.
B) ANTHEM (5 OZ/A) FB PREFIX HAD LOWER YIELDS (16-20%) THAN AUTHORITY XL FB ROUNDUP, PREFIX FB ROUNDUP, CANOPY FB ROUNDUP, ANTHEM + TRICOR FB ROUNDUP.

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: CRAIG HEIM **Title:** _____
Affiliation: _____ **Postal Code:** _____

Investigator: Eric P. Prostko **Title:** _____
Affiliation: _____ **Postal Code:** _____

Trial Status: _____ **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____
Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective: _____

Conclusions: _____

CROP AND PEST DESCRIPTION

Weed 1. AMAPA PALMER AMARANTH **2.** GRASS MILLET/CRAB/GOOSE

Crop 1: GLYMA SOYBEAN **Variety:** PIONEER 95Y80 **Planting Date:** May-22-12
Planting Method: MONOSEM **Rate:** 10 SEED/FT **Depth:** 1.5 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** SMOOTH
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOB
Trial Initiation Comments: _____

Previous: Crops **Pesticides** **Year**
1. CORN 2011 _____

MAINTENANCE

Field Prep./Maintenance: _____

No.	Date	Treatment Name	Form	Form	Form	Rate	Unit
1.	_____	_____	_____	_____	_____	_____	_____

SOIL DESCRIPTION

Texture: SAND **% OM:** 1.45 **% Sand:** 94 **% Silt:** 2 **% Clay:** 4
pH: 6.0 **CEC:** _____ **Soil Name:** FUQUAY **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-23-12	_____	0.35	IN	SPRINKLER - LATERAL MOVE	_____	_____
2. Jun-1-12	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
3. Jun-18-12	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
4. Jun-22-12	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____

Overall Moisture Conditions: _____
Closest Weather Station: _____ **Distance:** _____ **Unit:** _____

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12

Study Dir.: CRAIG HEIM

Location: PONDER FARM

Investigator: Eric P. Prostko

		APPLICATION DESCRIPTION					
		A	B	C	D	E	F
Application Date:	May-23-12	Jun-20-12					
Time of Day:	7:00 AM	7:00 AM					
Application Method:	BROADCAST	BROADCAST					
Application Timing:	PRE	POST					
Applic. Placement:	SOIL	FOLIAGE					
Air Temp., Unit:	74 F	70 F					
% Relative Humidity:	74	92					
Wind Velocity, Unit:	0 MPH	0 MPH					
Dew Presence (Y/N):	Y	Y					
Water Hardness:	--	--					
Soil Temp., Unit:	71 F	78 F					
Soil Moisture:	OPTIMUM	OPTIMUM					
% Cloud Cover:	5	10					

		CROP STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Crop 1	Stage: GLYMA						
Stage Scale:		V5					
Height, Unit:		11 IN					

		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1	Stage: AMAPA	1-2"					
Stage Scale:							
Density, Unit:							
Weed 2	Stage: GRASS	2-4"					
Stage Scale:							
Density, Unit:							

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME					
Operating Pressure:	38						
Nozzle Type:	FLAT FAN						
Nozzle Size:	11002DG						
Nozzle Spacing, Unit:	20	IN					
Nozzles/Row:							
Band Width, Unit:							
Boom Length, Unit:	60	IN					
Boom Height, Unit:	17	IN					
Ground Speed, Unit:	3.5	MPH					
Incorporation Equip.:							
Hours to Incorp.:							
Incorp. Depth, Unit:							
Carrier:	WATER						
Spray Volume, Unit:	15	GPA					
Spray pH:							
Propellant:	CO2						
Tank Mix (Y/N):	--	--	--	--	--	--	--

Trt No	Treatment Application Comment

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Trt-Eval Interval PRM Data Type # Subsamples, Dec.						----- GLYMA PLANT - STUNTING	----- GLYMA STAND - LOSS	AMAPA ----- CONTROL	ANNUAL GRASS CONTROL	----- GLYMA PLANT - STUNTING	----- GLYMA STAND - LOSS
						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
						Jun-6-12	Jun-6-12	Jun-6-12	Jun-6-12	Jun-19-12	Jun-19-12
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code					
1	NTC						0.0 d	11.3 a	0.0 b	0.0 d	0.0 c
2	AUTHORITY XL ROUNDUP WM	70 DG 5.5 SL		6.5 OZ/A 22.0 OZ/A	PRE POST	A B	6.3 bcd	2.5 a	99.0 a	95.8 ab	5.0 bc
3	VALOR XLT ROUNDUP WM	40.3 WG 5.5 SL		5.0 OZ/A 22.0 OZ/A	PRE POST	A B	25.0 a	11.3 a	99.0 a	97.0 ab	22.5 a
4	FIERCE ROUNDUP WM	76 WG 5.5 SL		3.0 OZ/A 22.0 OZ/A	PRE POST	A B	5.0 cd	1.3 a	99.0 a	95.8 ab	7.5 bc
5	PREFIX ROUNDUP WM	5.29 EC 5.5 SL		2.0 PT/A 22.0 OZ/A	PRE POST	A B	10.0 bc	6.3 a	99.0 a	99.0 a	8.8 b
6	CANOPY ROUNDUP WM	75 DG 5.5 SL		6.0 OZ/A 22.0 OZ/A	PRE POST	A B	13.8 b	3.8 a	99.0 a	92.3 abc	10.0 b
7	AUTHORITY XL ROUNDUP WM ANTHEM	70 DG 5.5 SL 2.15 SL		6.5 OZ/A 22.0 OZ/A 6.0 OZ/A	PRE POST POST B	A B	11.3 bc	8.8 a	99.0 a	88.5 c	11.3 b
8	ANTHEM ROUNDUP WM	2.15 SL 5.5 SL		5.0 OZ/A 22.0 OZ/A	PRE POST	A B	10.0 bc	7.5 a	99.0 a	95.5 ab	7.5 bc
9	ANTHEM ROUNDUP WM	2.15 SL 5.5 SL		7.0 OZ/A 22.0 OZ/A	PRE POST	A B	10.0 bc	8.8 a	99.0 a	98.0 ab	11.3 b
10	ANTHEM PREFIX NIS	2.15 SL 5.29 EC		5.0 OZ/A 2.0 PT/A 0.25 % V/V	PRE POST POST B	A B	12.5 bc	11.3 a	99.0 a	97.0 ab	7.5 bc

Means followed by same letter do not significantly differ (P=.10, Duncan's New MRT)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	AMAPA	ANNUAL	-----	-----
Crop Code	GLYMA	GLYMA	-----	GRASS	GLYMA	GLYMA
Part Rated	PLANT -	STAND -	CONTROL	CONTROL	PLANT -	STAND -
Rating Data Type	STUNTING	LOSS			STUNTING	LOSS
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Jun-6-12	Jun-6-12	Jun-6-12	Jun-6-12	Jun-19-12	Jun-19-12
Crop Stage						
Crop Stage Scale						
Weed Stage						
Weed Density, Unit						
Footnote Number						
Trt-Eval Interval						
PRM Data Type						
# Subsamples, Dec.						
Trt Treatment	Form Form	Rate	Grow	Appl		
No. Name	Conc Type	Rate Unit	Stg	Code		
11 ANTHEM	2.15 SL	5.0 OZ/A	PRE A		10.0 bc	7.5 a
TRICOR	75 WG	5.3 OZ/A	PRE A		99.0 a	93.5 abc
ROUNDUP WM	5.5 SL	22.0 OZ/A	POST B		5.0 bc	2.5 a
12 TRICOR	75 WG	5.3 OZ/A	PRE A		7.5 bc	10.0 a
ROUNDUP WM	5.5 SL	22.0 OZ/A	POST B		99.0 a	91.0 bc
ANTHEM	2.15 SL	5.0 OZ/A	POST B		8.8 b	5.0 a
LSD (P=.10)	6.86	9.83	0.00	6.07	7.45	8.07
Standard Deviation	5.72	8.20	0.00	5.06	6.21	6.72
CV	56.61	109.28	0.0	5.82	70.92	195.62
Grand Mean	10.1	7.5	90.75	86.94	8.75	3.44
Bartlett's X2	6.821	18.324	0.0	11.524	8.077	22.528
P(Bartlett's X2)	0.656	0.074	.	0.242	0.621	0.007*
Replicate F	5.874	9.470	0.000	0.296	5.230	5.909
Replicate Prob(F)	0.0025	0.0001	1.0000	0.8280	0.0046	0.0024
Treatment F	4.357	0.711	0.000	118.610	2.951	0.732
Treatment Prob(F)	0.0005	0.7199	1.0000	0.0001	0.0079	0.7007

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Trt-Eval Interval PRM Data Type # Subsamples, Dec.						AMAPA ----- CONTROL PERCENT Jun-19-12	ANNUAL GRASS CONTROL PERCENT Jun-19-12	----- GLYMA PLANT - STUNTING PERCENT Jul-10-12	AMAPA ----- CONTROL PERCENT Jul-10-12	ANNUAL GRASS CONTROL PERCENT Jul-10-12	AMAPA ----- CONTROL PERCENT Aug-13-12
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code					
1	NTC						0.0 b	0.0 d	0.0 c	0.0 c	0.0 c
2	AUTHORITY XL ROUNDUP WM	70 DG 5.5 SL		6.5 OZ/A 22.0 OZ/A	PRE POST	A B	100.0 a	93.5 ab	3.8 bc	99.0 a	98.0 a
3	VALOR XLT ROUNDUP WM	40.3 WG 5.5 SL		5.0 OZ/A 22.0 OZ/A	PRE POST	A B	100.0 a	93.5 ab	13.8 a	99.0 a	98.0 a
4	FIERCE ROUNDUP WM	76 WG 5.5 SL		3.0 OZ/A 22.0 OZ/A	PRE POST	A B	100.0 a	97.0 a	3.8 bc	99.0 a	98.0 a
5	PREFIX ROUNDUP WM	5.29 EC 5.5 SL		2.0 PT/A 22.0 OZ/A	PRE POST	A B	100.0 a	98.0 a	5.0 bc	99.0 a	99.0 a
6	CANOPY ROUNDUP WM	75 DG 5.5 SL		6.0 OZ/A 22.0 OZ/A	PRE POST	A B	100.0 a	88.5 abc	8.8 ab	99.0 a	98.0 a
7	AUTHORITY XL ROUNDUP WM ANTHEM	70 DG 5.5 SL 2.15 SL		6.5 OZ/A 22.0 OZ/A 6.0 OZ/A	PRE POST POST B	A B	100.0 a	82.3 c	6.3 bc	99.0 a	76.5 b
8	ANTHEM ROUNDUP WM	2.15 SL 5.5 SL		5.0 OZ/A 22.0 OZ/A	PRE POST	A B	100.0 a	89.5 abc	2.5 bc	98.0 b	99.0 a
9	ANTHEM ROUNDUP WM	2.15 SL 5.5 SL		7.0 OZ/A 22.0 OZ/A	PRE POST	A B	100.0 a	95.8 ab	5.0 bc	99.0 a	98.0 a
10	ANTHEM PREFIX NIS	2.15 SL 5.29 EC		5.0 OZ/A 2.0 PT/A 0.25 % V/V	PRE POST POST B	A B	100.0 a	97.0 a	8.8 ab	99.0 a	94.5 a

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	AMAPA	ANNUAL	-----	AMAPA	ANNUAL	AMAPA
Crop Code	-----	GRASS	GLYMA	-----	GRASS	-----
Part Rated			PLANT -			
Rating Data Type	CONTROL	CONTROL	STUNTING	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Jun-19-12	Jun-19-12	Jul-10-12	Jul-10-12	Jul-10-12	Aug-13-12
Crop Stage						
Crop Stage Scale						
Weed Stage						
Weed Density, Unit						
Footnote Number						
Trt-Eval Interval						
PRM Data Type						
# Subsamples, Dec.						
Trt Treatment	Form Form	Rate	Grow	Appl		
No. Name	Conc Type	Rate Unit	Stg	Code		
11 ANTHEM	2.15 SL	5.0 OZ/A	PRE A		100.0 a	94.5 ab
TRICOR	75 WG	5.3 OZ/A	PRE A			6.3 bc
ROUNDUP WM	5.5 SL	22.0 OZ/A	POST B		99.0 a	97.0 a
12 TRICOR	75 WG	5.3 OZ/A	PRE A		100.0 a	84.8 bc
ROUNDUP WM	5.5 SL	22.0 OZ/A	POST B			8.8 ab
ANTHEM	2.15 SL	5.0 OZ/A	POST B		99.0 a	99.0 a
LSD (P=.10)	0.00	9.87	5.62	0.69	15.93	1.72
Standard Deviation	0.00	8.22	4.68	0.58	13.27	1.44
CV	0.0	9.73	77.47	0.64	15.1	1.59
Grand Mean	91.67	84.52	6.04	90.67	87.92	90.48
Bartlett's X2	0.0	25.793	5.945	0.0	68.627	1.764
P(Bartlett's X2)	.	0.004*	0.82	.	0.001*	0.184
Replicate F	0.000	0.404	3.075	1.000	0.887	0.736
Replicate Prob(F)	1.0000	0.7513	0.0410	0.4051	0.4581	0.5381
Treatment F	0.000	43.398	2.378	9784.000	18.294	1572.571
Treatment Prob(F)	1.0000	0.0001	0.0270	0.0001	0.0001	0.0001

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						ANNUAL		----	----	----
Crop Code						GRASS		GLYMA	GLYMA	GLYMA
Part Rated										
Rating Data Type						CONTROL		YIELD	MOISTURE	YIELD
Rating Unit						PERCENT		LBS/PLOT	PERCENT	BU/A
Rating Date						Aug-13-12		Nov-8-12	Nov-8-12	Nov-8-12
Crop Stage										
Crop Stage Scale										
Weed Stage										
Weed Density, Unit										
Footnote Number										
Trt-Eval Interval										
PRM Data Type										TY1
# Subsamples, Dec.								- 1	- 1	- 0
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code				
1	NTC						0.0 d	0.0 d	0.0 c	0 d
2	AUTHORITY XL ROUNDUP WM	70 DG 5.5 SL		6.5 OZ/A 22.0 OZ/A	PRE A POST B		97.0 a	9.3 a	10.9 ab	46 a
3	VALOR XLT ROUNDUP WM	40.3 WG 5.5 SL		5.0 OZ/A 22.0 OZ/A	PRE A POST B		90.0 abc	8.5 abc	10.3 b	42 abc
4	FIERCE ROUNDUP WM	76 WG 5.5 SL		3.0 OZ/A 22.0 OZ/A	PRE A POST B		95.0 a	8.3 abc	11.5 ab	41 abc
5	PREFIX ROUNDUP WM	5.29 EC 5.5 SL		2.0 PT/A 22.0 OZ/A	PRE A POST B		97.0 a	9.2 ab	10.8 ab	45 a
6	CANOPY ROUNDUP WM	75 DG 5.5 SL		6.0 OZ/A 22.0 OZ/A	PRE A POST B		83.8 c	9.0 ab	11.1 ab	44 ab
7	AUTHORITY XL ROUNDUP WM ANTHEM	70 DG 5.5 SL 2.15 SL		6.5 OZ/A 22.0 OZ/A 6.0 OZ/A	PRE A POST B POST B		97.0 a	8.6 ab	11.1 ab	42 abc
8	ANTHEM ROUNDUP WM	2.15 SL 5.5 SL		5.0 OZ/A 22.0 OZ/A	PRE A POST B		93.8 ab	8.3 abc	11.3 ab	41 abc
9	ANTHEM ROUNDUP WM	2.15 SL 5.5 SL		7.0 OZ/A 22.0 OZ/A	PRE A POST B		93.8 ab	8.0 bc	13.0 a	39 bc
10	ANTHEM PREFIX NIS	2.15 SL 5.29 EC		5.0 OZ/A 2.0 PT/A 0.25 % V/V	PRE A POST B POST B		86.3 bc	7.4 c	10.0 b	37 c

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	ANNUAL	----	----	----
Crop Code	GRASS	GLYMA	GLYMA	GLYMA
Part Rated				
Rating Data Type	CONTROL	YIELD	MOISTURE	YIELD
Rating Unit	PERCENT	LBS/PLOT	PERCENT	BU/A
Rating Date	Aug-13-12	Nov-8-12	Nov-8-12	Nov-8-12
Crop Stage				
Crop Stage Scale				
Weed Stage				
Weed Density, Unit				
Footnote Number				
Trt-Eval Interval				
PRM Data Type				TY1
# Subsamples, Dec.		- 1	- 1	- 0
Trt Treatment	Form Form	Rate	Grow	Appl
No. Name	Conc Type Rate Unit	Stg	Code	
11 ANTHEM	2.15 SL 5.0 OZ/A PRE A	93.5 ab	8.8 ab	9.6 b
TRICOR	75 WG 5.3 OZ/A PRE A			44 ab
ROUNDUP WM	5.5 SL 22.0 OZ/A POST B			
12 TRICOR	75 WG 5.3 OZ/A PRE A	96.0 a	8.1 abc	10.2 b
ROUNDUP WM	5.5 SL 22.0 OZ/A POST B			41 abc
ANTHEM	2.15 SL 5.0 OZ/A POST B			
LSD (P=.10)	7.72	0.97	2.17	5.0
Standard Deviation	6.43	0.81	1.81	4.2
CV	7.55	10.44	18.11	10.87
Grand Mean	85.25	7.77	9.98	38.53
Bartlett's X2	30.476	11.462	16.471	8.737
P(Bartlett's X2)	0.001*	0.323	0.087	0.557
Replicate F	0.616	6.307	0.919	5.805
Replicate Prob(F)	0.6094	0.0017	0.4422	0.0027
Treatment F	71.453	38.059	13.020	35.194
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Trt-Eval Interval PRM Data Type # Subsamples, Dec.							----- GLYMA PLANT - STUNTING PERCENT Jun-6-12	----- GLYMA STAND - LOSS PERCENT Jun-6-12	AMAPA ----- CONTROL PERCENT Jun-6-12	ANNUAL GRASS CONTROL PERCENT Jun-6-12	----- GLYMA PLANT - STUNTING PERCENT Jun-19-12
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot			
1	NTC						101	0.0	0.0	0.0	0.0
							212	0.0	0.0	0.0	0.0
							305	0.0	30.0	0.0	0.0
							408	0.0	15.0	0.0	0.0
							Mean =	0.0	11.3	0.0	0.0
2	AUTHORITY XL	70 DG		6.5 OZ/A	PRE	A	102	5.0	0.0	99.0	5.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	201	5.0	0.0	99.0	10.0
							302	15.0	5.0	99.0	5.0
							409	0.0	5.0	99.0	0.0
							Mean =	6.3	2.5	99.0	5.0
3	VALOR XLT	40.3 WG		5.0 OZ/A	PRE	A	103	20.0	5.0	99.0	20.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	210	15.0	5.0	99.0	10.0
							309	25.0	10.0	99.0	20.0
							405	40.0	25.0	99.0	40.0
							Mean =	25.0	11.3	99.0	22.5
4	FIERCE	76 WG		3.0 OZ/A	PRE	A	104	0.0	0.0	99.0	0.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	205	0.0	0.0	99.0	5.0
							304	5.0	0.0	99.0	10.0
							407	15.0	5.0	99.0	15.0
							Mean =	5.0	1.3	99.0	7.5
5	PREFIX	5.29 EC		2.0 PT/A	PRE	A	105	5.0	0.0	99.0	10.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	203	5.0	0.0	99.0	5.0
							307	20.0	15.0	99.0	10.0
							401	10.0	10.0	99.0	10.0
							Mean =	10.0	6.3	99.0	8.8
6	CANOPY	75 DG		6.0 OZ/A	PRE	A	106	5.0	0.0	99.0	0.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	204	15.0	0.0	99.0	10.0
							308	20.0	10.0	99.0	20.0
							402	15.0	5.0	99.0	10.0
							Mean =	13.8	3.8	99.0	10.0

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							-----	-----	AMAPA	ANNUAL	-----
Crop Code							GLYMA	GLYMA	-----	GRASS	GLYMA
Part Rated							PLANT -	STAND -			PLANT -
Rating Data Type							STUNTING	LOSS	CONTROL	CONTROL	STUNTING
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							Jun-6-12	Jun-6-12	Jun-6-12	Jun-6-12	Jun-19-12
Crop Stage											
Crop Stage Scale											
Weed Stage											
Weed Density, Unit											
Footnote Number											
Trt-Eval Interval											
PRM Data Type											
# Subsamples, Dec.											
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Rate Unit	Stg	Code Plot					
7	AUTHORITY XL	70 DG		6.5 OZ/A	PRE A	107	10.0	0.0	99.0	85.0	10.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST B	206	10.0	0.0	99.0	85.0	0.0
	ANTHEM	2.15 SL		6.0 OZ/A	POST B	311	20.0	30.0	99.0	99.0	20.0
						404	5.0	5.0	99.0	85.0	15.0
						Mean =	11.3	8.8	99.0	88.5	11.3
8	ANTHEM	2.15 SL		5.0 OZ/A	PRE A	108	10.0	0.0	99.0	85.0	0.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST B	207	5.0	0.0	99.0	99.0	5.0
						306	10.0	15.0	99.0	99.0	10.0
						412	15.0	15.0	99.0	99.0	15.0
						Mean =	10.0	7.5	99.0	95.5	7.5
9	ANTHEM	2.15 SL		7.0 OZ/A	PRE A	109	0.0	0.0	99.0	95.0	0.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST B	208	5.0	0.0	99.0	99.0	10.0
						312	25.0	20.0	99.0	99.0	20.0
						411	10.0	15.0	99.0	99.0	15.0
						Mean =	10.0	8.8	99.0	98.0	11.3
10	ANTHEM	2.15 SL		5.0 OZ/A	PRE A	110	10.0	0.0	99.0	95.0	5.0
	PREFIX	5.29 EC		2.0 PT/A	POST B	202	5.0	0.0	99.0	95.0	0.0
	NIS			0.25 % V/V	POST B	303	10.0	5.0	99.0	99.0	10.0
						410	25.0	40.0	99.0	99.0	15.0
						Mean =	12.5	11.3	99.0	97.0	7.5
11	ANTHEM	2.15 SL		5.0 OZ/A	PRE A	111	10.0	0.0	99.0	95.0	0.0
	TRICOR	75 WG		5.3 OZ/A	PRE A	209	10.0	15.0	99.0	99.0	10.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST B	301	10.0	5.0	99.0	90.0	0.0
						403	10.0	10.0	99.0	90.0	10.0
						Mean =	10.0	7.5	99.0	93.5	5.0
12	TRICOR	75 WG		5.3 OZ/A	PRE A	112	5.0	0.0	99.0	95.0	10.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST B	211	5.0	5.0	99.0	85.0	0.0
	ANTHEM	2.15 SL		5.0 OZ/A	POST B	310	10.0	30.0	99.0	85.0	20.0
						406	10.0	5.0	99.0	99.0	5.0
						Mean =	7.5	10.0	99.0	91.0	8.8

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Trt-Eval Interval PRM Data Type # Subsamples, Dec.							----- GLYMA STAND - LOSS PERCENT Jun-19-12	AMAPA ----- CONTROL PERCENT Jun-19-12	ANNUAL GRASS CONTROL PERCENT Jun-19-12	----- GLYMA PLANT - STUNTING PERCENT Jul-10-12	AMAPA ----- CONTROL PERCENT Jul-10-12
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot			
1	NTC						101	0.0	0.0	0.0	0.0
							212	0.0	0.0	0.0	0.0
							305	0.0	0.0	0.0	0.0
							408	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0
2	AUTHORITY XL	70 DG		6.5 OZ/A	PRE	A	102	0.0	100.0	90.0	0.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	201	0.0	100.0	90.0	5.0
							302	0.0	100.0	95.0	10.0
							409	5.0	100.0	99.0	0.0
							Mean =	1.3	100.0	93.5	3.8
3	VALOR XLT	40.3 WG		5.0 OZ/A	PRE	A	103	0.0	100.0	90.0	15.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	210	0.0	100.0	95.0	10.0
							309	0.0	100.0	90.0	10.0
							405	20.0	100.0	99.0	20.0
							Mean =	5.0	100.0	93.5	13.8
4	FIERCE	76 WG		3.0 OZ/A	PRE	A	104	0.0	100.0	95.0	15.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	205	0.0	100.0	99.0	0.0
							304	0.0	100.0	95.0	0.0
							407	15.0	100.0	99.0	0.0
							Mean =	3.8	100.0	97.0	3.8
5	PREFIX	5.29 EC		2.0 PT/A	PRE	A	105	0.0	100.0	99.0	0.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	203	0.0	100.0	95.0	0.0
							307	0.0	100.0	99.0	10.0
							401	5.0	100.0	99.0	10.0
							Mean =	1.3	100.0	98.0	5.0
6	CANOPY	75 DG		6.0 OZ/A	PRE	A	106	0.0	100.0	95.0	5.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	204	0.0	100.0	99.0	10.0
							308	0.0	100.0	90.0	10.0
							402	0.0	100.0	70.0	10.0
							Mean =	0.0	100.0	88.5	8.8

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Trt-Eval Interval PRM Data Type # Subsamples, Dec.							----- GLYMA STAND - LOSS PERCENT Jun-19-12	AMAPA ----- CONTROL PERCENT Jun-19-12	ANNUAL GRASS CONTROL PERCENT Jun-19-12	----- GLYMA PLANT - STUNTING PERCENT Jul-10-12	AMAPA ----- CONTROL PERCENT Jul-10-12
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot			
7	AUTHORITY XL	70 DG		6.5 OZ/A	PRE	A	107	0.0	100.0	75.0	5.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	206	0.0	100.0	70.0	0.0
	ANTHEM	2.15 SL		6.0 OZ/A	POST	B	311	5.0	100.0	99.0	10.0
							404	5.0	100.0	85.0	10.0
							Mean =	2.5	100.0	82.3	6.3
8	ANTHEM	2.15 SL		5.0 OZ/A	PRE	A	108	0.0	100.0	75.0	0.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	207	0.0	100.0	85.0	0.0
							306	5.0	100.0	99.0	0.0
							412	10.0	100.0	99.0	10.0
							Mean =	3.8	100.0	89.5	2.5
9	ANTHEM	2.15 SL		7.0 OZ/A	PRE	A	109	0.0	100.0	90.0	0.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	208	0.0	100.0	99.0	0.0
							312	20.0	100.0	95.0	10.0
							411	5.0	100.0	99.0	10.0
							Mean =	6.3	100.0	95.8	5.0
10	ANTHEM	2.15 SL		5.0 OZ/A	PRE	A	110	0.0	100.0	95.0	10.0
	PREFIX	5.29 EC		2.0 PT/A	POST	B	202	0.0	100.0	95.0	5.0
	NIS			0.25 % V/V	POST	B	303	0.0	100.0	99.0	10.0
							410	40.0	100.0	99.0	10.0
							Mean =	10.0	100.0	97.0	8.8
11	ANTHEM	2.15 SL		5.0 OZ/A	PRE	A	111	0.0	100.0	99.0	5.0
	TRICOR	75 WG		5.3 OZ/A	PRE	A	209	0.0	100.0	99.0	10.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	301	0.0	100.0	90.0	0.0
							403	10.0	100.0	90.0	10.0
							Mean =	2.5	100.0	94.5	6.3
12	TRICOR	75 WG		5.3 OZ/A	PRE	A	112	0.0	100.0	90.0	5.0
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST	B	211	0.0	100.0	85.0	0.0
	ANTHEM	2.15 SL		5.0 OZ/A	POST	B	310	15.0	100.0	65.0	15.0
							406	5.0	100.0	99.0	15.0
							Mean =	5.0	100.0	84.8	8.8

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							ANNUAL GRASS	AMAPA	ANNUAL GRASS	----- GLYMA	----- GLYMA
Crop Code											
Part Rated											
Rating Data Type							CONTROL PERCENT	CONTROL PERCENT	CONTROL PERCENT	YIELD LBS/PLOT	MOISTURE PERCENT
Rating Unit							Jul-10-12	Aug-13-12	Aug-13-12	Nov-8-12	Nov-8-12
Rating Date											
Crop Stage											
Crop Stage Scale											
Weed Stage											
Weed Density, Unit											
Footnote Number											
Trt-Eval Interval											
PRM Data Type											
# Subsamples, Dec.										- 1	- 1
Trt Treatment No. Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	Plot					
1 NTC						101	0.0	0.0	0.0	0.0	0.0
						212	0.0	0.0	0.0	0.0	0.0
						305	0.0	0.0	0.0	0.0	0.0
						408	0.0	0.0	0.0	0.0	0.0
Mean =							0.0	0.0	0.0	0.0	0.0
2 AUTHORITY XL ROUNDUP WM	70 DG 5.5 SL	6.5 OZ/A 22.0 OZ/A	PRE POST	A B		102	95.0	99.0	95.0	8.7	9.9
						201	99.0	99.0	99.0	9.7	10.7
						302	99.0	99.0	99.0	10.0	9.0
						409	99.0	99.0	95.0	8.6	14.0
Mean =							98.0	99.0	97.0	9.3	10.9
3 VALOR XLT ROUNDUP WM	40.3 WG 5.5 SL	5.0 OZ/A 22.0 OZ/A	PRE POST	A B		103	95.0	99.0	95.0	8.2	11.0
						210	99.0	99.0	95.0	8.4	11.3
						309	99.0	99.0	85.0	9.4	10.3
						405	99.0	99.0	85.0	7.9	8.4
Mean =							98.0	99.0	90.0	8.5	10.3
4 FIERCE ROUNDUP WM	76 WG 5.5 SL	3.0 OZ/A 22.0 OZ/A	PRE POST	A B		104	99.0	99.0	95.0	9.2	11.7
						205	99.0	99.0	95.0	9.0	11.2
						304	95.0	99.0	95.0	8.0	10.2
						407	99.0	90.0	95.0	7.0	12.9
Mean =							98.0	96.8	95.0	8.3	11.5
5 PREFIX ROUNDUP WM	5.29 EC 5.5 SL	2.0 PT/A 22.0 OZ/A	PRE POST	A B		105	99.0	99.0	95.0	9.0	11.0
						203	99.0	99.0	95.0	9.0	13.3
						307	99.0	99.0	99.0	9.8	8.3
						401	99.0	99.0	99.0	8.8	10.6
Mean =							99.0	99.0	97.0	9.2	10.8
6 CANOPY ROUNDUP WM	75 DG 5.5 SL	6.0 OZ/A 22.0 OZ/A	PRE POST	A B		106	99.0	99.0	95.0	9.1	11.7
						204	99.0	99.0	95.0	9.3	10.3
						308	99.0	99.0	75.0	8.2	11.6
						402	95.0	99.0	70.0	9.3	10.9
Mean =							98.0	99.0	83.8	9.0	11.1

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							ANNUAL GRASS	AMAPA -----	ANNUAL GRASS	----- GLYMA	----- GLYMA
Crop Code							CONTROL PERCENT	CONTROL PERCENT	CONTROL PERCENT	YIELD LBS/PLOT	MOISTURE PERCENT
Part Rated							Jul-10-12	Aug-13-12	Aug-13-12	Nov-8-12	Nov-8-12
Rating Data Type											
Rating Unit											
Rating Date											
Crop Stage											
Crop Stage Scale											
Weed Stage											
Weed Density, Unit											
Footnote Number											
Trt-Eval Interval											
PRM Data Type											
# Subsamples, Dec.										- 1	- 1
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot					
7	AUTHORITY XL	70 DG		6.5 OZ/A	PRE A	107	99.0	99.0	95.0	8.8	10.8
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST B	206	99.0	99.0	95.0	9.9	11.6
	ANTHEM	2.15 SL		6.0 OZ/A	POST B	311	9.0	99.0	99.0	6.9	10.4
						404	99.0	99.0	99.0	8.6	11.4
	Mean =						76.5	99.0	97.0	8.6	11.1
8	ANTHEM	2.15 SL		5.0 OZ/A	PRE A	108	99.0	99.0	95.0	9.1	12.3
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST B	207	99.0	99.0	90.0	9.5	10.6
						306	99.0	99.0	95.0	7.7	10.7
						412	99.0	99.0	95.0	6.8	11.6
	Mean =						99.0	99.0	93.8	8.3	11.3
9	ANTHEM	2.15 SL		7.0 OZ/A	PRE A	109	99.0	99.0	95.0	8.5	17.5
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST B	208	99.0	99.0	95.0	8.9	13.1
						312	99.0	99.0	90.0	7.7	8.4
						411	95.0	99.0	95.0	7.0	12.9
	Mean =						98.0	99.0	93.8	8.0	13.0
10	ANTHEM	2.15 SL		5.0 OZ/A	PRE A	110	85.0	99.0	65.0	7.6	9.6
	PREFIX	5.29 EC		2.0 PT/A	POST B	202	95.0	99.0	95.0	9.0	8.8
	NIS			0.25 % V/V	POST B	303	99.0	99.0	90.0	8.4	12.9
						410	99.0	99.0	95.0	4.5	8.8
	Mean =						94.5	99.0	86.3	7.4	10.0
11	ANTHEM	2.15 SL		5.0 OZ/A	PRE A	111	99.0	99.0	95.0	9.2	8.6
	TRICOR	75 WG		5.3 OZ/A	PRE A	209	99.0	99.0	99.0	9.2	9.1
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST B	301	95.0	99.0	95.0	8.0	11.9
						403	95.0	99.0	85.0	8.6	8.7
	Mean =						97.0	99.0	93.5	8.8	9.6
12	TRICOR	75 WG		5.3 OZ/A	PRE A	112	99.0	99.0	95.0	8.8	9.7
	ROUNDUP WM	5.5 SL		22.0 OZ/A	POST B	211	99.0	99.0	95.0	8.6	11.6
	ANTHEM	2.15 SL		5.0 OZ/A	POST B	310	99.0	95.0	99.0	8.3	7.1
						406	99.0	99.0	95.0	6.8	12.4
	Mean =						99.0	98.0	96.0	8.1	10.2

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code								----	
Crop Code								GLYMA	
Part Rated									
Rating Data Type								YIELD	
Rating Unit								BU/A	
Rating Date								Nov-8-12	
Crop Stage									
Crop Stage Scale									
Weed Stage									
Weed Density, Unit									
Footnote Number									
Trt-Eval Interval									
PRM Data Type								TY1	
# Subsamples, Dec.								- 0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl Code	Plot	
1	NTC							101	0
								212	0
								305	0
								408	0
								Mean =	0
2	AUTHORITY XL	70	DG	6.5	OZ/A	PRE	A	102	44
	ROUNDUP WM	5.5	SL	22.0	OZ/A	POST	B	201	48
								302	51
								409	41
								Mean =	46
3	VALOR XLT	40.3	WG	5.0	OZ/A	PRE	A	103	41
	ROUNDUP WM	5.5	SL	22.0	OZ/A	POST	B	210	41
								309	47
								405	40
								Mean =	42
4	FIERCE	76	WG	3.0	OZ/A	PRE	A	104	45
	ROUNDUP WM	5.5	SL	22.0	OZ/A	POST	B	205	44
								304	40
								407	34
								Mean =	41
5	PREFIX	5.29	EC	2.0	PT/A	PRE	A	105	45
	ROUNDUP WM	5.5	SL	22.0	OZ/A	POST	B	203	43
								307	50
								401	44
								Mean =	45
6	CANOPY	75	DG	6.0	OZ/A	PRE	A	106	45
	ROUNDUP WM	5.5	SL	22.0	OZ/A	POST	B	204	46
								308	40
								402	46
								Mean =	44

University of Georgia

ANTHEM FOR WEED CONTROL IN SOYEANS

Trial ID: SB-11-12 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code								-----	
Crop Code								GLYMA	
Part Rated									
Rating Data Type								YIELD	
Rating Unit								BU/A	
Rating Date								Nov-8-12	
Crop Stage									
Crop Stage Scale									
Weed Stage									
Weed Density, Unit									
Footnote Number									
Trt-Eval Interval									
PRM Data Type								TY1	
# Subsamples, Dec.								- 0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl Code	Plot	
7	AUTHORITY XL	70	DG	6.5	OZ/A	PRE	A	107	44
	ROUNDUP WM	5.5	SL	22.0	OZ/A	POST	B	206	49
	ANTHEM	2.15	SL	6.0	OZ/A	POST	B	311	34
								404	42
								Mean =	42
8	ANTHEM	2.15	SL	5.0	OZ/A	PRE	A	108	44
	ROUNDUP WM	5.5	SL	22.0	OZ/A	POST	B	207	47
								306	38
								412	33
								Mean =	41
9	ANTHEM	2.15	SL	7.0	OZ/A	PRE	A	109	39
	ROUNDUP WM	5.5	SL	22.0	OZ/A	POST	B	208	43
								312	39
								411	34
								Mean =	39
10	ANTHEM	2.15	SL	5.0	OZ/A	PRE	A	110	38
	PREFIX	5.29	EC	2.0	PT/A	POST	B	202	46
	NIS			0.25	% V/V	POST	B	303	41
								410	23
								Mean =	37
11	ANTHEM	2.15	SL	5.0	OZ/A	PRE	A	111	47
	TRICOR	75	WG	5.3	OZ/A	PRE	A	209	47
	ROUNDUP WM	5.5	SL	22.0	OZ/A	POST	B	301	39
								403	44
								Mean =	44
12	TRICOR	75	WG	5.3	OZ/A	PRE	A	112	44
	ROUNDUP WM	5.5	SL	22.0	OZ/A	POST	B	211	42
	ANTHEM	2.15	SL	5.0	OZ/A	POST	B	310	43
								406	33
								Mean =	41