

University of Georgia

ANTHEM FLEXX VS. OTHER WEED CONTROL PROGRAMS IN PEANUT WEEDY			
Trial ID:	PE-02-15	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 (calculated mix size .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	202	303	410
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	102	208	312	407
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	103	201	313	409
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	9.374 ml/mx				
	STORM	4	SL	16.0	oz/a	EPOST	B	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	12.5 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
4	F-9312	4	L	3.0	oz/a	PRE	A	2.343 ml/mx	104	213	301	402
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	F-9312	4	L	3.0	oz/a	POST	C	2.343 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				
5	F-9312	4	L	3.75	oz/a	PRE	A	2.929 ml/mx	105	209	304	405
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	F-9312	4	L	3.75	oz/a	POST	C	2.929 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	106	204	310	406
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	9.374 ml/mx				
	STORM	4	SL	16.0	oz/a	EPOST	B	12.5 ml/mx				
	F-9312	4	L	3.0	oz/a	EPOST	B	2.343 ml/mx				
	NIS			0.25	% v/v	EPOST	B	3.75 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	F-9312	4	L	3.0	oz/a	POST	C	2.343 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	107	203	306	401
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	9.374 ml/mx				
	STORM	4	SL	16.0	oz/a	EPOST	B	12.5 ml/mx				
	F-9312	4	L	3.75	oz/a	EPOST	B	2.929 ml/mx				
	NIS			0.25	% v/v	EPOST	B	3.75 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	F-9312	4	L	3.75	oz/a	POST	C	2.929 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	108	210	308	413
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	9.374 ml/mx				
	STORM	4	SL	16.0	oz/a	EPOST	B	12.5 ml/mx				
	ZIDUA	85	WG	1.5	oz/a	EPOST	B	1.123 g/mx				
	NIS			0.25	% v/v	EPOST	B	3.75 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	ZIDUA	85	WG	1.5	oz/a	POST	C	1.123 g/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	109	207	309	411
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	F-9312	4	L	3.0	oz/a	POST	C	2.343 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	110	211	307	403
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	F-9312	4	L	3.75	oz/a	POST	C	2.929 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				

University of Georgia

Reps: 4 Plots: 6 by 25 feet
 Spray vol: 15 GAL/AC Mix Size: 1.5 liters (calculated mix size .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
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	111	206	305	408
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	COBRA	2	EC	12.5	oz/a	POST	C	9.765 ml/mx				
	2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	112	205	311	412
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	COBRA	2	EC	12.5	oz/a	POST	C	9.765 ml/mx				
	2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx				
	F-9312	4	L	3.0	oz/a	POST	C	2.343 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				
13	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	113	212	302	404
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	COBRA	2	EC	12.5	oz/a	POST	C	9.765 ml/mx				
	2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx				
	F-9312	4	L	3.75	oz/a	POST	C	2.929 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				

Sort Order: Treatment

Trial Comments
<p>F9312 = ANTHEM FLEX = PYROXASULFONE + CARFENTRAZONE</p> <p>ANNUAL GRASS = TEXAS PANICUM + CRABGRASS</p> <p>SELECT MAX @ 16 OZ/A + COC @ 1% V/V - JUNE 2</p> <p>DIGGING DATE: SEPTEMBER 14 HARVEST DATE: SEPTEMBER 18 HARVEST MOISTURE: 18.0% YIELDS ADJUSTED TO 10%</p> <p><u>SUMMARY:</u></p> <p>1) PEANUT EMERGENCE WAS DELAYED BY F9312 APPLIED PRE @ 3.75 OZ/A.</p> <p>2) PRE APPLICATIONS OF F9312 @ 3.0 AND 3.75 OZ/A CAUSED SIGNIFICANT PEANUT STUNTING. HOWEVER, THIS INJURY DID NOT RESULT IN SIGNIFICANT PEANUT YIELD LOSSES.</p> <p>3) GENERALLY, PALMER AMARANTH AND ANNUAL GRASS CONTROL WITH ALL PEANUT PROGRAMS WAS EXCELLENT (> 94%).</p> <p>4) ALL TREATMENTS RESULTED IN HIGHER YIELDS THAN THE NTC.</p> <p>5) PLOTS TREATED WITH PROWL FB GRAMOXONE + STORM + F9312 FB CADRE + F9312 OR PROWL FB GRAMOXONE + STORM + ZIDUA FB CADRE + ZIDUA HAD LOWER YIELDS THAN 8 OTHER TREATMENTS.</p>

University of Georgia

ANTHEM FLEXX VS. OTHER WEED CONTROL PROGRAMS IN PEANUT
 WEEDY
 Trial ID: PE-02-15 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 PAMER AMARANTH 2. AGRASS TEXAS PANICUM + CRABGRASS

Crop 1: ARAHY PEANUT Variety: GA-06G Planting Date: Apr-27-15
 Planting Method: MONOSEM TWIN ROW Rate: 3.1 SEED/FT Depth: 2 IN
 Perennial Age: _____ Row Spacing: _____ Seed Bed: _____
 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: RACOBL
 Trial Initiation Comments: THIMET INFR; 36"-9" TWIN ROWS; DYNASTY PD SEED TRT;

Previous: Crops Pesticides Year
 1. COTTON 2014 _____

MAINTENANCE

Field Prep./Maintenance: _____
 Form Form Form Rate
 No. Date Treatment Name Conc Unit Type Rate Unit
 1. _____

SOIL DESCRIPTION

Texture: SAND % OM: 0.82 % Sand: 96 % Silt: 2 % Clay: 2
 pH: 6.1 CEC: 2.9 Soil Name: TIFTON Fertility Level: GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. Apr-28-15		0.09	IN	RAINFALL		
2. Apr-29-15		1.09	IN	RAINFALL		
3. May-7-15		0.5	IN	SPRINKLER - LATERAL MOVE		
4. May-12-15		0.5	IN	SPRINKLER - LATERAL MOVE		
5. May-14-15		0.5	IN	SPRINKLER - LATERAL MOVE		
6. May-18-15		0.5	IN	SPRINKLER - LATERAL MOVE		
7. Jun-2-15		0.5	IN	SPRINKLER - LATERAL MOVE		

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

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	Apr-27-15	May-18-15	Jun-4-15			
Time of Day:	3:30 PM	7:30 AM	7:30 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	EPOST	POST			
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE			
Air Temp., Unit:	77 F	74 F	69 F			
% Relative Humidity:	51	79	99			
Wind Velocity, Unit:	1 MPH	2 MPH	4 MPH			
Dew Presence (Y/N):	N	Y	Y			
Water Hardness:	--	--	--			
Soil Temp., Unit:	74 F	79 F	76 F			
Soil Moisture:	OPTIMUM	OPTIMUM	OPTIMUM			
% Cloud Cover:	100	0	100			

University of Georgia

CROP STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Crop 1	Stage: ARAHY	_____	4-5" WIDE	8-9" WIDE	_____	_____	_____
	Stage Scale:	_____	V5	R1	_____	_____	_____
	Height, Unit:	_____	3 IN	6 IN	_____	_____	_____

WEED STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Weed 1	Stage: AMAPA	_____	3-8" TALL	3-8" TALL	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 2	Stage: AGRASS	_____	1-2"	1-2"	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____

APPLICATION EQUIPMENT							
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK	SAME AS B		_____	_____	_____
Operating Pressure:	40	40	_____	_____	_____	_____	_____
Nozzle Type:	AIXR	FLAT FAN	_____	_____	_____	_____	_____
Nozzle Size:	11002	11002DG	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	20	IN 20	IN	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60	IN 60	IN	_____	_____	_____	_____
Boom Height, Unit:	20	IN 20	IN	_____	_____	_____	_____
Ground Speed, Unit:	3.5	MPH 3.5	MPH	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	WATER	_____	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA 15	GPA	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	CO2	_____	_____	_____	_____	_____
Tank Mix (Y/N):	-	-	-	-	-	-	-

Trt No	Treatment Application Comment
_____	_____

University of Georgia

ANTHEM FLEXX VS. OTHER WEED CONTROL PROGRAMS IN PEANUT WEEDY													
Trial ID: PE-02-15		Study Dir.: CRAIG HEIM											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	PRM Data Type	# Subsamples, Dec.	----- ARAHY PLANT - EMERGE #/3 FT May-8-15	----- ARAHY PLANT - STUNTING PERCENT May-11-15	AMAPA ----- CONTROL PERCENT May-11-15	ANNUAL GRASS CONTROL PERCENT May-11-15	AMAPA ----- CONTROL PERCENT Jun-3-15	ANNUAL GRASS CONTROL PERCENT Jun-3-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
1	NTC							8.5 abc	0.0 d	0.0 d	0.0 b	0.0 b	0.0 b
2	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	8.5 abc	10.0 c	99.0 a	99.0 a	99.0 a	98.0 a
	VALOR SX	51	WG	3.0 oz/a		PRE	A						
	STRONGARM	84	WG	0.225 oz/a		PRE	A						
	CADRE	2	AS	4.0 oz/a		POST	C						
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	C						
3	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	8.5 abc	7.5 c	76.0 c	99.0 a	97.0 a	98.0 a
	GRAMOXONE SL	2	SL	12.0 oz/a		EPOST	B						
	STORM	4	SL	16.0 oz/a		EPOST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a		EPOST	B						
	CADRE	2	AS	4.0 oz/a		POST	C						
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	C						
4	F-9312	4	L	3.0 oz/a		PRE	A	5.0 bc	60.0 b	99.0 a	99.0 a	96.8 a	99.0 a
	CADRE	2	AS	4.0 oz/a		POST	C						
	F-9312	4	L	3.0 oz/a		POST	C						
	NIS			0.25 % v/v		POST	C						
5	F-9312	4	L	3.75 oz/a		PRE	A	1.0 d	65.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	CADRE	2	AS	4.0 oz/a		POST	C						
	F-9312	4	L	3.75 oz/a		POST	C						
	NIS			0.25 % v/v		POST	C						
6	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	9.8 a	10.0 c	93.0 ab	99.0 a	99.0 a	99.0 a
	GRAMOXONE SL	2	SL	12.0 oz/a		EPOST	B						
	STORM	4	SL	16.0 oz/a		EPOST	B						
	F-9312	4	L	3.0 oz/a		EPOST	B						
	NIS			0.25 % v/v		EPOST	B						
	CADRE	2	AS	4.0 oz/a		POST	C						
	F-9312	4	L	3.0 oz/a		POST	C						
	NIS			0.25 % v/v		POST	C						
7	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	9.0 abc	7.5 c	95.5 ab	99.0 a	99.0 a	99.0 a
	GRAMOXONE SL	2	SL	12.0 oz/a		EPOST	B						
	STORM	4	SL	16.0 oz/a		EPOST	B						
	F-9312	4	L	3.75 oz/a		EPOST	B						
	NIS			0.25 % v/v		EPOST	B						
	CADRE	2	AS	4.0 oz/a		POST	C						
	F-9312	4	L	3.75 oz/a		POST	C						
	NIS			0.25 % v/v		POST	C						
8	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	9.0 abc	7.5 c	84.5 bc	99.0 a	95.5 a	99.0 a
	GRAMOXONE SL	2	SL	12.0 oz/a		EPOST	B						
	STORM	4	SL	16.0 oz/a		EPOST	B						
	ZIDUA	85	WG	1.5 oz/a		EPOST	B						
	NIS			0.25 % v/v		EPOST	B						
	CADRE	2	AS	4.0 oz/a		POST	C						
	ZIDUA	85	WG	1.5 oz/a		POST	C						
	NIS			0.25 % v/v		POST	C						
9	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	4.8 c	10.0 c	99.0 a	99.0 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0 oz/a		PRE	A						
	STRONGARM	84	WG	0.225 oz/a		PRE	A						
	CADRE	2	AS	4.0 oz/a		POST	C						
	F-9312	4	L	3.0 oz/a		POST	C						
	NIS			0.25 % v/v		POST	C						
10	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	9.3 ab	10.0 c	99.0 a	99.0 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0 oz/a		PRE	A						
	STRONGARM	84	WG	0.225 oz/a		PRE	A						
	CADRE	2	AS	4.0 oz/a		POST	C						
	F-9312	4	L	3.75 oz/a		POST	C						
	NIS			0.25 % v/v		POST	C						

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.
 Could not calculate LSD (% mean diff) for columns 4,9 because error mean square = 0.

University of Georgia

Weed Code							-----	-----	AMAPA	ANNUAL	AMAPA	ANNUAL	
Crop Code							ARAHY	ARAHY	-----	GRASS	-----	GRASS	
Part Rated							PLANT -	PLANT -					
Rating Data Type							EMERGE	STUNTING	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit							#/3 FT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date							May-8-15	May-11-15	May-11-15	May-11-15	Jun-3-15	Jun-3-15	
PRM Data Type													
# Subsamples, Dec.													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	1	2	3	4	5	6
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	9.0 abc	10.0 c	99.0 a	99.0 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	COBRA	2	EC	12.5	oz/a	POST	C						
	2,4-DB	1.75	SL	18.0	oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C						
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	7.8 abc	10.0 c	99.0 a	99.0 a	98.0 a	99.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	COBRA	2	EC	12.5	oz/a	POST	C						
	2,4-DB	1.75	SL	18.0	oz/a	POST	C						
	F-9312	4	L	3.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
13	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	8.8 abc	10.0 c	99.0 a	99.0 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	COBRA	2	EC	12.5	oz/a	POST	C						
	2,4-DB	1.75	SL	18.0	oz/a	POST	C						
	F-9312	4	L	3.75	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
LSD P= .10							3.70	2.84	12.11	.	3.01	0.90	
Standard Deviation							3.10	2.38	10.15	0.00	2.52	0.75	
CV							40.8	14.22	11.56	0.0	2.78	0.82	
Grand Mean							7.60	16.73	87.77	91.38	90.71	91.23	
Bartlett's X2							8.087	0.0	4.577	0.0	5.672	0.0	
P(Bartlett's X2)							0.705	.	0.206	.	0.129	.	
Replicate F							1.353	1.245	0.113	0.000	0.366	2.182	
Replicate Prob(F)							0.2727	0.3077	0.9519	1.0000	0.7778	0.1071	
Treatment F							2.618	297.566	28.968	0.000	468.432	5329.001	
Treatment Prob(F)							0.0127	0.0001	0.0001	1.0000	0.0001	0.0001	

University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						----- ARAHY PLANT - STUNTING PERCENT Jun-3-15	AMAPA ----- CONTROL PERCENT Jun-22-15	ANNUAL GRASS CONTROL PERCENT Jun-22-15	----- ARAHY PLANT - STUNTING PERCENT Jun-22-15	AMAPA ----- CONTROL PERCENT Aug-13-15	----- ARAHY PLOT - YIELD LBS/PLOT Sep-18-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
1	NTC						0.0 d	0.0 c	0.0 b	0.0 d	0.0 c	0.00 c
2	PROWL H20 VALOR SX STRONGARM CADRE DUAL MAGNUM	3.8 51 84 2 7.62	SC WG WG AS EC	32.0 oz/a 3.0 oz/a 0.225 oz/a 4.0 oz/a 16.0 oz/a	PRE PRE PRE POST POST	A A A C C	0.0 d	99.0 a	99.0 a	0.0 d	99.0 a	24.79 a
3	PROWL H20 GRAMOXONE SL STORM DUAL MAGNUM CADRE DUAL MAGNUM	3.8 2 4 7.62 2 7.62	SC SL SL EC AS EC	32.0 oz/a 12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 16.0 oz/a	PRE EPOST EPOST EPOST POST POST	A B B B C C	8.8 c	94.5 b	99.0 a	7.5 b	88.3 b	23.41 ab
4	F-9312 CADRE F-9312 NIS	4 2 4	L AS L	3.0 oz/a 4.0 oz/a 3.0 oz/a 0.25 % v/v	PRE POST POST POST	A C C C	17.5 b	98.0 a	99.0 a	11.3 b	96.8 a	23.24 ab
5	F-9312 CADRE F-9312 NIS	4 2 4	L AS L	3.75 oz/a 4.0 oz/a 3.75 oz/a 0.25 % v/v	PRE POST POST POST	A C C C	28.8 a	99.0 a	99.0 a	21.3 a	98.0 a	23.98 ab
6	PROWL H20 GRAMOXONE SL STORM F-9312 NIS CADRE F-9312 NIS	3.8 2 4 4	SC SL SL L	32.0 oz/a 12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 3.0 oz/a 0.25 % v/v	PRE EPOST EPOST EPOST EPOST POST POST POST	A B B B B C C C	12.5 c	99.0 a	99.0 a	8.8 b	99.0 a	24.50 ab
7	PROWL H20 GRAMOXONE SL STORM F-9312 NIS CADRE F-9312 NIS	3.8 2 4 4	SC SL SL L	32.0 oz/a 12.0 oz/a 16.0 oz/a 3.75 oz/a 0.25 % v/v 4.0 oz/a 3.75 oz/a 0.25 % v/v	PRE EPOST EPOST EPOST EPOST POST POST POST	A B B B B C C C	10.0 c	98.0 a	99.0 a	8.8 b	95.8 a	21.73 b
8	PROWL H20 GRAMOXONE SL STORM ZIDUA NIS CADRE ZIDUA NIS	3.8 2 4 85	SC SL SL WG	32.0 oz/a 12.0 oz/a 16.0 oz/a 1.5 oz/a 0.25 % v/v 4.0 oz/a 1.5 oz/a 0.25 % v/v	PRE EPOST EPOST EPOST EPOST POST POST POST	A B B B B C C C	3.8 d	98.0 a	99.0 a	6.3 bc	94.5 a	21.76 b
9	PROWL H20 VALOR SX STRONGARM CADRE F-9312 NIS	3.8 51 84 2 4	SC WG WG AS L	32.0 oz/a 3.0 oz/a 0.225 oz/a 4.0 oz/a 3.0 oz/a 0.25 % v/v	PRE PRE PRE POST POST POST	A A A C C C	0.0 d	99.0 a	99.0 a	2.5 cd	99.0 a	24.78 a
10	PROWL H20 VALOR SX STRONGARM CADRE F-9312 NIS	3.8 51 84 2 4	SC WG WG AS L	32.0 oz/a 3.0 oz/a 0.225 oz/a 4.0 oz/a 3.75 oz/a 0.25 % v/v	PRE PRE PRE POST POST POST	A A A C C C	0.0 d	99.0 a	99.0 a	1.3 cd	99.0 a	25.94 a

University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						----- ARAHY PLANT - STUNTING PERCENT Jun-3-15	AMAPA ----- CONTROL PERCENT Jun-22-15	ANNUAL GRASS CONTROL PERCENT Jun-22-15	----- ARAHY PLANT - STUNTING PERCENT Jun-22-15	AMAPA ----- CONTROL PERCENT Aug-13-15	----- ARAHY PLOT - YIELD LBS/PLOT Sep-18-15 - 2	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 d	99.0 a	99.0 a	0.0 d	99.0 a	25.76 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	COBRA	2	EC	12.5 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 d	98.0 a	99.0 a	0.0 d	95.5 a	24.58 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	COBRA	2	EC	12.5 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	F-9312	4	L	3.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
13	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 d	98.0 a	99.0 a	1.3 cd	99.0 a	25.53 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	COBRA	2	EC	12.5 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	F-9312	4	L	3.75 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
LSD P= .10							4.99	2.68	.	4.68	6.17	2.471
Standard Deviation							4.18	2.25	0.00	3.92	5.17	2.070
CV							66.82	2.48	0.0	74.1	5.78	9.28
Grand Mean							6.25	90.65	91.38	5.29	89.44	22.306
Bartlett's X2							8.205	9.897	0.0	8.409	10.751	12.616
P(Bartlett's X2)							0.145	0.078	.	0.395	0.057	0.319
Replicate F							0.542	0.625	0.000	0.616	0.231	11.217
Replicate Prob(F)							0.6566	0.6033	1.0000	0.6093	0.8741	0.0001
Treatment F							18.574	589.673	0.000	10.252	109.529	43.644
Treatment Prob(F)							0.0001	0.0001	1.0000	0.0001	0.0001	0.0001

University of Georgia

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.								---- ARAHY PLOT - YIELD LBS/A Sep-18-15 TY1 - 0
1	NTC							13 0 c
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	6558 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	
	CADRE	2	AS	4.0	oz/a	POST	C	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	6195 ab
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	
	STORM	4	SL	16.0	oz/a	EPOST	B	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	
	CADRE	2	AS	4.0	oz/a	POST	C	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	
4	F-9312	4	L	3.0	oz/a	PRE	A	6148 ab
	CADRE	2	AS	4.0	oz/a	POST	C	
	F-9312	4	L	3.0	oz/a	POST	C	
	NIS			0.25	% v/v	POST	C	
5	F-9312	4	L	3.75	oz/a	PRE	A	6343 ab
	CADRE	2	AS	4.0	oz/a	POST	C	
	F-9312	4	L	3.75	oz/a	POST	C	
	NIS			0.25	% v/v	POST	C	
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	6482 ab
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	
	STORM	4	SL	16.0	oz/a	EPOST	B	
	F-9312	4	L	3.0	oz/a	EPOST	B	
	NIS			0.25	% v/v	EPOST	B	
	CADRE	2	AS	4.0	oz/a	POST	C	
	F-9312	4	L	3.0	oz/a	POST	C	
	NIS			0.25	% v/v	POST	C	
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	5748 b
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	
	STORM	4	SL	16.0	oz/a	EPOST	B	
	F-9312	4	L	3.75	oz/a	EPOST	B	
	NIS			0.25	% v/v	EPOST	B	
	CADRE	2	AS	4.0	oz/a	POST	C	
	F-9312	4	L	3.75	oz/a	POST	C	
	NIS			0.25	% v/v	POST	C	
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	5758 b
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	
	STORM	4	SL	16.0	oz/a	EPOST	B	
	ZIDUA	85	WG	1.5	oz/a	EPOST	B	
	NIS			0.25	% v/v	EPOST	B	
	CADRE	2	AS	4.0	oz/a	POST	C	
	ZIDUA	85	WG	1.5	oz/a	POST	C	
	NIS			0.25	% v/v	POST	C	
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	6555 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	
	CADRE	2	AS	4.0	oz/a	POST	C	
	F-9312	4	L	3.0	oz/a	POST	C	
	NIS			0.25	% v/v	POST	C	
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	6863 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	
	CADRE	2	AS	4.0	oz/a	POST	C	
	F-9312	4	L	3.75	oz/a	POST	C	
	NIS			0.25	% v/v	POST	C	

University of Georgia

Weed Code							----
Crop Code							ARAHY
Part Rated							PLOT -
Rating Data Type							YIELD
Rating Unit							LBS/A
Rating Date							Sep-18-15
PRM Data Type							TY1
# Subsamples, Dec.							- 0
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl Code
							13
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A
	VALOR SX	51	WG	3.0	oz/a	PRE	A
	STRONGARM	84	WG	0.225	oz/a	PRE	A
	COBRA	2	EC	12.5	oz/a	POST	C
	2,4-DB	1.75	SL	18.0	oz/a	POST	C
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A
	VALOR SX	51	WG	3.0	oz/a	PRE	A
	STRONGARM	84	WG	0.225	oz/a	PRE	A
	COBRA	2	EC	12.5	oz/a	POST	C
	2,4-DB	1.75	SL	18.0	oz/a	POST	C
	F-9312	4	L	3.0	oz/a	POST	C
	NIS			0.25	% v/v	POST	C
13	PROWL H20	3.8	SC	32.0	oz/a	PRE	A
	VALOR SX	51	WG	3.0	oz/a	PRE	A
	STRONGARM	84	WG	0.225	oz/a	PRE	A
	COBRA	2	EC	12.5	oz/a	POST	C
	2,4-DB	1.75	SL	18.0	oz/a	POST	C
	F-9312	4	L	3.75	oz/a	POST	C
	NIS			0.25	% v/v	POST	C
LSD P= .10							653.7
Standard Deviation							547.6
CV							9.28
Grand Mean							5901.8
Bartlett's X2							12.616
P(Bartlett's X2)							0.319
Replicate F							11.217
Replicate Prob(F)							0.0001
Treatment F							43.644
Treatment Prob(F)							0.0001

University of Georgia

ANTHEM FLEXX VS. OTHER WEED CONTROL PROGRAMS IN PEANUT WEEDY			
Trial ID:	PE-02-15	Study Dir.:	CRAIG HEIM
Location:	PONDER FARM	Investigator:	Eric P. Prostko

<u>Weed Code</u> AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
<u>Part Rated</u> PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)
<u>PRM Data Type</u> TY1 = 264.5867*[12]

University of Georgia

ANTHEM FLEXX VS. OTHER WEED CONTROL PROGRAMS IN PEANUT WEEDY													
Trial ID: PE-02-15		Study Dir.: CRAIG HEIM											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	PRM Data Type	# Subsamples, Dec.	----- ARAHY PLANT - EMERGE #/3 FT May-8-15	----- ARAHY PLANT - STUNTING PERCENT May-11-15	AMAPA ----- CONTROL PERCENT May-11-15	ANNUAL GRASS CONTROL PERCENT May-11-15	AMAPA ----- CONTROL PERCENT Jun-3-15	ANNUAL GRASS CONTROL PERCENT Jun-3-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code Plot	1	2	3	4	5	6
1	NTC						101	11.0	0.0	0.0	0.0	0.0	0.0
							202	5.0	0.0	0.0	0.0	0.0	0.0
							303	10.0	0.0	0.0	0.0	0.0	0.0
							410	8.0	0.0	0.0	0.0	0.0	0.0
							Mean =	8.5	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	102	12.0	10.0	99.0	99.0	99.0	95.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A	208	8.0	10.0	99.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A	312	7.0	10.0	99.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C	407	7.0	10.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
							Mean =	8.5	10.0	99.0	99.0	99.0	98.0
3	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	103	4.0	10.0	90.0	99.0	99.0	95.0
	GRAMOXONE SL	2 SL		12.0 oz/a	EPOST	B	201	9.0	0.0	65.0	99.0	95.0	99.0
	STORM	4 SL		16.0 oz/a	EPOST	B	313	14.0	10.0	50.0	99.0	95.0	99.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B	409	7.0	10.0	99.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
							Mean =	8.5	7.5	76.0	99.0	97.0	98.0
4	F-9312	4 L		3.0 oz/a	PRE	A	104	2.0	60.0	99.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C	213	7.0	60.0	99.0	99.0	90.0	99.0
	F-9312	4 L		3.0 oz/a	POST	C	301	2.0	60.0	99.0	99.0	99.0	99.0
	NIS			0.25 % v/v	POST	C	402	9.0	60.0	99.0	99.0	99.0	99.0
							Mean =	5.0	60.0	99.0	99.0	96.8	99.0
5	F-9312	4 L		3.75 oz/a	PRE	A	105	1.0	65.0	99.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C	209	1.0	65.0	99.0	99.0	99.0	99.0
	F-9312	4 L		3.75 oz/a	POST	C	304	1.0	65.0	99.0	99.0	99.0	99.0
	NIS			0.25 % v/v	POST	C	405	1.0	65.0	99.0	99.0	99.0	99.0
							Mean =	1.0	65.0	99.0	99.0	99.0	99.0
6	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	106	9.0	10.0	75.0	99.0	99.0	99.0
	GRAMOXONE SL	2 SL		12.0 oz/a	EPOST	B	204	10.0	10.0	99.0	99.0	99.0	99.0
	STORM	4 SL		16.0 oz/a	EPOST	B	310	13.0	10.0	99.0	99.0	99.0	99.0
	F-9312	4 L		3.0 oz/a	EPOST	B	406	7.0	10.0	99.0	99.0	99.0	99.0
	NIS			0.25 % v/v	EPOST	B							
	CADRE	2 AS		4.0 oz/a	POST	C							
	F-9312	4 L		3.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
							Mean =	9.8	10.0	93.0	99.0	99.0	99.0
7	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	107	2.0	10.0	99.0	99.0	99.0	99.0
	GRAMOXONE SL	2 SL		12.0 oz/a	EPOST	B	203	8.0	10.0	99.0	99.0	99.0	99.0
	STORM	4 SL		16.0 oz/a	EPOST	B	306	9.0	10.0	99.0	99.0	99.0	99.0
	F-9312	4 L		3.75 oz/a	EPOST	B	401	17.0	0.0	85.0	99.0	99.0	99.0
	NIS			0.25 % v/v	EPOST	B							
	CADRE	2 AS		4.0 oz/a	POST	C							
	F-9312	4 L		3.75 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
							Mean =	9.0	7.5	95.5	99.0	99.0	99.0
8	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	108	7.0	10.0	90.0	99.0	99.0	99.0
	GRAMOXONE SL	2 SL		12.0 oz/a	EPOST	B	210	9.0	10.0	99.0	99.0	99.0	99.0
	STORM	4 SL		16.0 oz/a	EPOST	B	308	11.0	10.0	99.0	99.0	99.0	99.0
	ZIDUA	85 WG		1.5 oz/a	EPOST	B	413	9.0	0.0	50.0	99.0	85.0	99.0
	NIS			0.25 % v/v	EPOST	B							
	CADRE	2 AS		4.0 oz/a	POST	C							
	ZIDUA	85 WG		1.5 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
							Mean =	9.0	7.5	84.5	99.0	95.5	99.0

University of Georgia

Weed Code							-----	-----	AMAPA	ANNUAL	AMAPA	ANNUAL		
Crop Code							ARAHY	ARAHY	-----	GRASS	-----	GRASS		
Part Rated							PLANT -	PLANT -						
Rating Data Type							EMERGE	STUNTING	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit							#/3 FT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT		
Rating Date							May-8-15	May-11-15	May-11-15	May-11-15	Jun-3-15	Jun-3-15		
PRM Data Type														
# Subsamples, Dec.														
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	2.0	10.0	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	207	9.0	10.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	309	5.0	10.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	411	3.0	10.0	99.0	99.0	99.0	99.0
	F-9312	4	L	3.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	4.8	10.0	99.0	99.0	99.0	99.0
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	6.0	10.0	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	211	7.0	10.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	307	12.0	10.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	403	12.0	10.0	99.0	99.0	99.0	99.0
	F-9312	4	L	3.75	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	9.3	10.0	99.0	99.0	99.0	99.0
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	8.0	10.0	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	206	12.0	10.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	305	8.0	10.0	99.0	99.0	99.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C	408	8.0	10.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
								Mean =	9.0	10.0	99.0	99.0	99.0	99.0
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	112	10.0	10.0	99.0	99.0	95.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	205	4.0	10.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	311	7.0	10.0	99.0	99.0	99.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C	412	10.0	10.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	F-9312	4	L	3.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	7.8	10.0	99.0	99.0	98.0	99.0
13	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	113	8.0	10.0	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	212	6.0	10.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	302	9.0	10.0	99.0	99.0	99.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C	404	12.0	10.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	F-9312	4	L	3.75	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	8.8	10.0	99.0	99.0	99.0	99.0

University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						----- ARAHY PLANT - STUNTING PERCENT Jun-3-15	AMAPA ----- CONTROL PERCENT Jun-22-15	ANNUAL GRASS CONTROL PERCENT Jun-22-15	----- ARAHY PLANT - STUNTING PERCENT Jun-22-15	AMAPA ----- CONTROL PERCENT Aug-13-15	----- ARAHY PLOT - YIELD LBS/PLOT Sep-18-15			
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	7	8	9	10	11	12
1	NTC						101		0.0	0.0	0.0	0.0	0.0	0.00
							202		0.0	0.0	0.0	0.0	0.0	0.00
							303		0.0	0.0	0.0	0.0	0.0	0.00
							410		0.0	0.0	0.0	0.0	0.0	0.00
							Mean =		0.0	0.0	0.0	0.0	0.0	0.00
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	102	0.0	99.0	99.0	0.0	99.0	24.80
	VALOR SX	51	WG	3.0	oz/a	PRE	A	208	0.0	99.0	99.0	0.0	99.0	22.90
	STRONGARM	84	WG	0.225	oz/a	PRE	A	312	0.0	99.0	99.0	0.0	99.0	25.00
	CADRE	2	AS	4.0	oz/a	POST	C	407	0.0	99.0	99.0	0.0	99.0	26.45
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
							Mean =		0.0	99.0	99.0	0.0	99.0	24.79
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	10.0	99.0	99.0	10.0	99.0	23.45
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	201	10.0	95.0	99.0	10.0	85.0	19.85
	STORM	4	SL	16.0	oz/a	EPOST	B	313	5.0	85.0	99.0	10.0	70.0	22.10
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	409	10.0	99.0	99.0	0.0	99.0	28.25
	CADRE	2	AS	4.0	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
							Mean =		8.8	94.5	99.0	7.5	88.3	23.41
4	F-9312	4	L	3.0	oz/a	PRE	A	104	20.0	99.0	99.0	15.0	99.0	22.65
	CADRE	2	AS	4.0	oz/a	POST	C	213	10.0	95.0	99.0	5.0	90.0	22.60
	F-9312	4	L	3.0	oz/a	POST	C	301	10.0	99.0	99.0	5.0	99.0	23.40
	NIS			0.25	% v/v	POST	C	402	30.0	99.0	99.0	20.0	99.0	24.30
							Mean =		17.5	98.0	99.0	11.3	96.8	23.24
5	F-9312	4	L	3.75	oz/a	PRE	A	105	20.0	99.0	99.0	20.0	99.0	23.15
	CADRE	2	AS	4.0	oz/a	POST	C	209	25.0	99.0	99.0	15.0	95.0	21.70
	F-9312	4	L	3.75	oz/a	POST	C	304	40.0	99.0	99.0	30.0	99.0	23.70
	NIS			0.25	% v/v	POST	C	405	30.0	99.0	99.0	20.0	99.0	27.35
							Mean =		28.8	99.0	99.0	21.3	98.0	23.98
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	10.0	99.0	99.0	10.0	99.0	19.80
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	204	15.0	99.0	99.0	10.0	99.0	26.70
	STORM	4	SL	16.0	oz/a	EPOST	B	310	10.0	99.0	99.0	10.0	99.0	23.80
	F-9312	4	L	3.0	oz/a	EPOST	B	406	15.0	99.0	99.0	5.0	99.0	27.70
	NIS			0.25	% v/v	EPOST	B							
	CADRE	2	AS	4.0	oz/a	POST	C							
	F-9312	4	L	3.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
							Mean =		12.5	99.0	99.0	8.8	99.0	24.50
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	15.0	99.0	99.0	10.0	99.0	14.95
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	203	10.0	99.0	99.0	10.0	95.0	24.30
	STORM	4	SL	16.0	oz/a	EPOST	B	306	5.0	99.0	99.0	5.0	99.0	22.35
	F-9312	4	L	3.75	oz/a	EPOST	B	401	10.0	95.0	99.0	10.0	90.0	25.30
	NIS			0.25	% v/v	EPOST	B							
	CADRE	2	AS	4.0	oz/a	POST	C							
	F-9312	4	L	3.75	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
							Mean =		10.0	98.0	99.0	8.8	95.8	21.73
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	10.0	99.0	99.0	10.0	99.0	14.90
	GRAMOXONE SL	2	SL	12.0	oz/a	EPOST	B	210	5.0	95.0	99.0	10.0	95.0	23.55
	STORM	4	SL	16.0	oz/a	EPOST	B	308	0.0	99.0	99.0	5.0	99.0	24.50
	ZIDUA	85	WG	1.5	oz/a	EPOST	B	413	0.0	99.0	99.0	0.0	85.0	24.10
	NIS			0.25	% v/v	EPOST	B							
	CADRE	2	AS	4.0	oz/a	POST	C							
	ZIDUA	85	WG	1.5	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
							Mean =		3.8	98.0	99.0	6.3	94.5	21.76

University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							----- ARAHY PLANT - STUNTING PERCENT Jun-3-15	AMAPA ----- CONTROL PERCENT Jun-22-15	ANNUAL GRASS CONTROL PERCENT Jun-22-15	----- ARAHY PLANT - STUNTING PERCENT Jun-22-15	AMAPA ----- CONTROL PERCENT Aug-13-15	----- ARAHY PLOT - YIELD LBS/PLOT Sep-18-15
												- 2
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate	Unit Unit	Grow Stg	Appl Code Plot	7	8	9	10	11	12
9 PROWL H20	3.8	SC	32.0	oz/a	PRE	A 109	0.0	99.0	99.0	0.0	99.0	21.90
VALOR SX	51	WG	3.0	oz/a	PRE	A 207	0.0	99.0	99.0	0.0	99.0	23.75
STRONGARM	84	WG	0.225	oz/a	PRE	A 309	0.0	99.0	99.0	10.0	99.0	27.25
CADRE	2	AS	4.0	oz/a	POST	C 411	0.0	99.0	99.0	0.0	99.0	26.20
F-9312	4	L	3.0	oz/a	POST	C						
NIS			0.25	% v/v	POST	C						
Mean =							0.0	99.0	99.0	2.5	99.0	24.78
10 PROWL H20	3.8	SC	32.0	oz/a	PRE	A 110	0.0	99.0	99.0	0.0	99.0	25.35
VALOR SX	51	WG	3.0	oz/a	PRE	A 211	0.0	99.0	99.0	5.0	99.0	25.30
STRONGARM	84	WG	0.225	oz/a	PRE	A 307	0.0	99.0	99.0	0.0	99.0	24.20
CADRE	2	AS	4.0	oz/a	POST	C 403	0.0	99.0	99.0	0.0	99.0	28.90
F-9312	4	L	3.75	oz/a	POST	C						
NIS			0.25	% v/v	POST	C						
Mean =							0.0	99.0	99.0	1.3	99.0	25.94
11 PROWL H20	3.8	SC	32.0	oz/a	PRE	A 111	0.0	99.0	99.0	0.0	99.0	23.05
VALOR SX	51	WG	3.0	oz/a	PRE	A 206	0.0	99.0	99.0	0.0	99.0	25.85
STRONGARM	84	WG	0.225	oz/a	PRE	A 305	0.0	99.0	99.0	0.0	99.0	25.60
COBRA	2	EC	12.5	oz/a	POST	C 408	0.0	99.0	99.0	0.0	99.0	28.55
2,4-DB	1.75	SL	18.0	oz/a	POST	C						
DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C						
Mean =							0.0	99.0	99.0	0.0	99.0	25.76
12 PROWL H20	3.8	SC	32.0	oz/a	PRE	A 112	0.0	95.0	99.0	0.0	85.0	22.25
VALOR SX	51	WG	3.0	oz/a	PRE	A 205	0.0	99.0	99.0	0.0	99.0	26.60
STRONGARM	84	WG	0.225	oz/a	PRE	A 311	0.0	99.0	99.0	0.0	99.0	24.30
COBRA	2	EC	12.5	oz/a	POST	C 412	0.0	99.0	99.0	0.0	99.0	25.15
2,4-DB	1.75	SL	18.0	oz/a	POST	C						
F-9312	4	L	3.0	oz/a	POST	C						
NIS			0.25	% v/v	POST	C						
Mean =							0.0	98.0	99.0	0.0	95.5	24.58
13 PROWL H20	3.8	SC	32.0	oz/a	PRE	A 113	0.0	99.0	99.0	0.0	99.0	23.00
VALOR SX	51	WG	3.0	oz/a	PRE	A 212	0.0	95.0	99.0	0.0	99.0	25.20
STRONGARM	84	WG	0.225	oz/a	PRE	A 302	0.0	99.0	99.0	5.0	99.0	25.80
COBRA	2	EC	12.5	oz/a	POST	C 404	0.0	99.0	99.0	0.0	99.0	28.10
2,4-DB	1.75	SL	18.0	oz/a	POST	C						
F-9312	4	L	3.75	oz/a	POST	C						
NIS			0.25	% v/v	POST	C						
Mean =							0.0	98.0	99.0	1.3	99.0	25.53

University of Georgia

Weed Code							----
Crop Code							ARAHY
Part Rated							PLOT -
Rating Data Type							YIELD
Rating Unit							LBS/A
Rating Date							Sep-18-15
PRM Data Type							TY1
# Subsamples, Dec.							- 0
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	Plot
							13
1	NTC					101	0
						202	0
						303	0
						410	0
						Mean =	0
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 102	6562
	VALOR SX	51	WG	3.0 oz/a	PRE	A 208	6059
	STRONGARM	84	WG	0.225 oz/a	PRE	A 312	6615
	CADRE	2	AS	4.0 oz/a	POST	C 407	6998
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C	
						Mean =	6558
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 103	6205
	GRAMOXONE SL	2	SL	12.0 oz/a	EPOST	B 201	5252
	STORM	4	SL	16.0 oz/a	EPOST	B 313	5847
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B 409	7475
	CADRE	2	AS	4.0 oz/a	POST	C	
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C	
						Mean =	6195
4	F-9312	4	L	3.0 oz/a	PRE	A 104	5993
	CADRE	2	AS	4.0 oz/a	POST	C 213	5980
	F-9312	4	L	3.0 oz/a	POST	C 301	6191
	NIS			0.25 % v/v	POST	C 402	6429
						Mean =	6148
5	F-9312	4	L	3.75 oz/a	PRE	A 105	6125
	CADRE	2	AS	4.0 oz/a	POST	C 209	5742
	F-9312	4	L	3.75 oz/a	POST	C 304	6271
	NIS			0.25 % v/v	POST	C 405	7236
						Mean =	6343
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 106	5239
	GRAMOXONE SL	2	SL	12.0 oz/a	EPOST	B 204	7064
	STORM	4	SL	16.0 oz/a	EPOST	B 310	6297
	F-9312	4	L	3.0 oz/a	EPOST	B 406	7329
	NIS			0.25 % v/v	EPOST	B	
	CADRE	2	AS	4.0 oz/a	POST	C	
	F-9312	4	L	3.0 oz/a	POST	C	
	NIS			0.25 % v/v	POST	C	
						Mean =	6482
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 107	3956
	GRAMOXONE SL	2	SL	12.0 oz/a	EPOST	B 203	6429
	STORM	4	SL	16.0 oz/a	EPOST	B 306	5914
	F-9312	4	L	3.75 oz/a	EPOST	B 401	6694
	NIS			0.25 % v/v	EPOST	B	
	CADRE	2	AS	4.0 oz/a	POST	C	
	F-9312	4	L	3.75 oz/a	POST	C	
	NIS			0.25 % v/v	POST	C	
						Mean =	5748
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 108	3942
	GRAMOXONE SL	2	SL	12.0 oz/a	EPOST	B 210	6231
	STORM	4	SL	16.0 oz/a	EPOST	B 308	6482
	ZIDUA	85	WG	1.5 oz/a	EPOST	B 413	6377
	NIS			0.25 % v/v	EPOST	B	
	CADRE	2	AS	4.0 oz/a	POST	C	
	ZIDUA	85	WG	1.5 oz/a	POST	C	
	NIS			0.25 % v/v	POST	C	
						Mean =	5758

University of Georgia

Weed Code							----
Crop Code							ARAHY
Part Rated							PLOT -
Rating Data Type							YIELD
Rating Unit							LBS/A
Rating Date							Sep-18-15
PRM Data Type							TY1
# Subsamples, Dec.							- 0
Trt	Treatment	Form	Form	Rate	Grow	Appl	
No.	Name	Conc	Type	Rate	Unit	Stg	Code Plot
							13
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 109 5794
	VALOR SX	51	WG	3.0	oz/a	PRE	A 207 6284
	STRONGARM	84	WG	0.225	oz/a	PRE	A 309 7210
	CADRE	2	AS	4.0	oz/a	POST	C 411 6932
	F-9312	4	L	3.0	oz/a	POST	C
	NIS			0.25	% v/v	POST	C
						Mean =	6555
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 110 6707
	VALOR SX	51	WG	3.0	oz/a	PRE	A 211 6694
	STRONGARM	84	WG	0.225	oz/a	PRE	A 307 6403
	CADRE	2	AS	4.0	oz/a	POST	C 403 7647
	F-9312	4	L	3.75	oz/a	POST	C
	NIS			0.25	% v/v	POST	C
						Mean =	6863
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 111 6099
	VALOR SX	51	WG	3.0	oz/a	PRE	A 206 6840
	STRONGARM	84	WG	0.225	oz/a	PRE	A 305 6773
	COBRA	2	EC	12.5	oz/a	POST	C 408 7554
	2,4-DB	1.75	SL	18.0	oz/a	POST	C
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C
						Mean =	6816
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 112 5887
	VALOR SX	51	WG	3.0	oz/a	PRE	A 205 7038
	STRONGARM	84	WG	0.225	oz/a	PRE	A 311 6429
	COBRA	2	EC	12.5	oz/a	POST	C 412 6654
	2,4-DB	1.75	SL	18.0	oz/a	POST	C
	F-9312	4	L	3.0	oz/a	POST	C
	NIS			0.25	% v/v	POST	C
						Mean =	6502
13	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 113 6085
	VALOR SX	51	WG	3.0	oz/a	PRE	A 212 6668
	STRONGARM	84	WG	0.225	oz/a	PRE	A 302 6826
	COBRA	2	EC	12.5	oz/a	POST	C 404 7435
	2,4-DB	1.75	SL	18.0	oz/a	POST	C
	F-9312	4	L	3.75	oz/a	POST	C
	NIS			0.25	% v/v	POST	C
						Mean =	6754

University of Georgia

ANTHEM FLEXX VS. OTHER WEED CONTROL PROGRAMS IN PEANUT
WEEDY

Trial ID: PE-02-15 Study Dir.: CRAIG HEIM
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.

Part Rated

PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)

PRM Data Type

TY1 = 264.5867*[12]