

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE - I

Trial ID: PE-07-17 Study Dir.: KYLE BRISCOE
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
 Spray vol: 15 GAL/AC Mix Size: 1.5 liters (.78211 liters calculated mix size)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
1	NTC								101	212	309	405
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	102	205	303	402
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 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				
	2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx				
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	103	210	312	401
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE	A	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				
	2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx				
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	104	201	306	403
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	16.4 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				
	2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx				
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	105	202	310	404
	BRAKE (SP1182)	1.2	SL	32.0	oz/a	PRE	A	25.0 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				
	2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx				
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	106	211	301	408
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	16.4 ml/mx				
	VALOR SX	51	WG	1.0	oz/a	PRE	A	0.7489 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				
2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx					
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	107	208	302	407
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	16.4 ml/mx				
	VALOR SX	51	WG	2.0	oz/a	PRE	A	1.498 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				
2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx					
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	108	209	308	412
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	16.4 ml/mx				
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 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				
2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx					
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	109	207	311	410
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE	A	12.5 ml/mx				
	ZIDUA	85	WG	1.0	oz/a	PRE	A	0.7489 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				
2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx					
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	110	206	305	409
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	16.4 ml/mx				
	ZIDUA	85	WG	1.0	oz/a	PRE	A	0.7489 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				
2,4-DB	1.75	SL	18.0	oz/a	POST	C	14.06 ml/mx					

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Reps: 4 Plots: 6 by 25 feet
 Spray vol: 15 GAL/AC Mix Size: 1.5 liters (.78211 liters calculated mix size)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
11	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	111	203	304	411
	BRAKE (SP1182)	1.2	SL	32.0 oz/a	PRE	A	25.0 ml/mx				
	ZIDUA	85	WG	1.0 oz/a	PRE	A	0.7489 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				
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	14.06 ml/mx				
12	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	112	204	307	406
	GRAMOXONE	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				
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	14.06 ml/mx				

Sort Order: Treatment

Trial Comments
<p>DIGGING DATE: SEPTEMBER 14 HARVEST DATE: SEPTEMBER 18 HARVEST MOISTURE: 17.9% YIELDS ADJUSTED TO 10%</p> <p><u>SUMMARY:</u></p> <p>1) BRAKE @ 21/A OR 32 OZ/A WAS MORE INJURIOUS THAN 16 OZ/A.</p> <p>2) GENERALLY, WEED CONTROL WITH BRAKE PROGRAMS WAS COMPARABLE TO WEED CONTROL WITH VALOR PROGRAMS.</p> <p>3) HOWEVER, BRAKE @ 16 OZ/A WAS SLIGHTLY LESS EFFECTIVE ON PALMER AMARANTH THAN VALOR.</p> <p>4) ALL HERBICIDE TREATED PLOTS HAD GREATER YIELDS THAN THE NTC. THERE WAS NO DIFFERENCE IN YIELD BETWEEN HERBICIDE TREATED PLOTS.</p>

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WEED CONTROL IN PEANUT WITH BRAKE - I

Trial ID: PE-07-17 Study Dir.: KYLE BRISCOE
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: KYLE BRISCOE **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.** AGRASS T.PANICUM/CRAB/GOOSE/CROW

Crop 1: ARAHY PEANUT **Variety:** GA-06G **Planting Date:** Apr-24-17
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:** RACOB
Trial Initiation Comments: DYNASTY PD SEED TRT; THIMET INFR; 36"-9" TWIN ROW SPACING

Previous: Crops	Pesticides	Year
1. FIELD CORN	2016	_____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.53 **% Sand:** 92 **% Silt:** 6 **% Clay:** 2
pH: 6.0 **CEC:** 2.3 **Soil Name:** DOTHAN **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1.	Apr-27-17	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
2.	May-1-17	_____	0.1	in RAINFALL	_____	_____
3.	May-2-17	_____	0.01	IN RAINFALL	_____	_____
4.	May-4-17	_____	1.47	IN RAINFALL	_____	_____
5.	May-10-17	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
6.	May-17-17	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
7.	May-21-17	_____	0.11	IN RAINFALL	_____	_____
8.	May-23-17	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
9.	May-23-17	_____	0.9	IN RAINFALL	_____	_____
10.	May-24-17	_____	0.51	IN RAINFALL	_____	_____
11.	May-31-17	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
12.	Jun-1-17	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
13.	Jun-1-17	_____	0.06	IN RAINFALL	_____	_____
14.	Jun-2-17	_____	0.03	IN RAINFALL	_____	_____
15.	Jun-3-17	_____	0.02	IN RAINFALL	_____	_____
16.	Jun-4-17	_____	0.27	IN RAINFALL	_____	_____
17.	Jun-6-17	_____	0.4	IN RAINFALL	_____	_____
18.	_____	_____	_____	_____	_____	_____

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

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APPLICATION DESCRIPTION						
	A	B	C	D	E	F
Application Date:	Apr-26-17	May-16-17	May-30-17	_____	_____	_____
Time of Day:	9:00 AM	7:30 AM	7:15 AM	_____	_____	_____
Application Method:	BROADCAST	BROADCAST	BROADCAST	_____	_____	_____
Application Timing:	PRE	EPOST	POST	_____	_____	_____
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE	_____	_____	_____
Air Temp., Unit:	65 F	67 F	74 F	_____	_____	_____
% Relative Humidity:	90	90	100	_____	_____	_____
Wind Velocity, Unit:	5 MPH	1 MPH	3 MPH	_____	_____	_____
Dew Presence (Y/N):	N	Y	Y	_____	_____	_____
Water Hardness:	---	---	---	_____	_____	_____
Soil Temp., Unit:	67 F	74 F	79 F	_____	_____	_____
Soil Moisture:	OPTIMUM	OPTIMUM	OPTIMUM	_____	_____	_____
% Cloud Cover:	0	0	100	_____	_____	_____

CROP STAGE AT EACH APPLICATION						
	A	B	C	D	E	F
Crop 1 Stage:	ARAHY	_____	_____	_____	_____	_____
Stage Scale:	_____	V2-V3	R1	_____	_____	_____
Height, Unit:	_____	3 IN	4 IN	_____	_____	_____

WEED STAGE AT EACH APPLICATION						
	A	B	C	D	E	F
Weed 1 Stage:	AMAPA	0.5-2"	3-4"	_____	_____	_____
Stage Scale:	_____	_____	_____	_____	_____	_____
Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 2 Stage:	AGRASS	1-1.5"	2-3"	_____	_____	_____
Stage Scale:	_____	_____	_____	_____	_____	_____
Density, Unit:	_____	_____	_____	_____	_____	_____

APPLICATION EQUIPMENT						
	A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK	SAME AS B	_____	_____	_____
Operating Pressure:	38	39	_____	_____	_____	_____
Nozzle Type:	AIXR	AIXR	_____	_____	_____	_____
Nozzle Size:	11002	11002	_____	_____	_____	_____
Nozzle Spacing, Unit:	18	IN 20	IN	_____	_____	_____
Nozzles/Row:	2	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	72	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
_____	_____

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WEED CONTROL IN PEANUT WITH BRAKE - I													
Trial ID: PE-07-17 Study Dir.: KYLE BRISCOE													
Location: PONDER FARM Investigator: Eric P. Prostko													
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	PRM Data Type	----- ARAHY PLANT - STUNTING PERCENT May-8-17	----- ARAHY PLANT - CHLORSIS PERCENT May-8-17	AMAPA ----- CONTROL PERCENT May-8-17	----- ARAHY PLANT - STUNTING PERCENT May-15-17	----- ARAHY PLANT - CHLORSIS PERCENT May-15-17	AMAPA ----- CONTROL PERCENT May-15-17	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	1	2	3	4	5	6	
1	NTC						0.0 f	0.0 d	0.0 b	0.0 f	0.0 e	0.0 c	
2	PROWL H20	3.8	SC	32.0	oz/a	PRE A	18.8 b	0.0 d	100.0 a	11.3 ab	0.0 e	100.0 a	
	VALOR SX	51	WG	3.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
3	PROWL H20	3.8	SC	32.0	oz/a	PRE A	2.5 ef	2.5 cd	100.0 a	2.5 ef	11.3 d	100.0 a	
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
4	PROWL H20	3.8	SC	32.0	oz/a	PRE A	2.5 ef	5.0 bc	100.0 a	3.8 def	20.0 bc	100.0 a	
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
5	PROWL H20	3.8	SC	32.0	oz/a	PRE A	5.0 de	13.8 a	100.0 a	8.8 abc	41.3 a	100.0 a	
	BRAKE (SP1182)	1.2	SL	32.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
6	PROWL H20	3.8	SC	32.0	oz/a	PRE A	8.8 cd	5.0 bc	100.0 a	3.8 def	8.8 d	100.0 a	
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE A							
	VALOR SX	51	WG	1.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
7	PROWL H20	3.8	SC	32.0	oz/a	PRE A	11.3 c	0.0 d	100.0 a	8.8 abc	2.5 e	100.0 a	
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE A							
	VALOR SX	51	WG	2.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
8	PROWL H20	3.8	SC	32.0	oz/a	PRE A	22.5 a	0.0 d	100.0 a	12.5 a	1.3 e	100.0 a	
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE A							
	VALOR SX	51	WG	3.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
9	PROWL H20	3.8	SC	32.0	oz/a	PRE A	8.8 cd	2.5 cd	100.0 a	7.5 bcd	7.5 d	100.0 a	
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE A							
	ZIDUA	85	WG	1.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
10	PROWL H20	3.8	SC	32.0	oz/a	PRE A	5.0 de	7.5 b	100.0 a	10.0 abc	16.3 c	100.0 a	
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE A							
	ZIDUA	85	WG	1.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							

Means followed by same letter or symbol 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 3,6,9,12,14,16 because error mean square = 0.

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						----- ARAHY PLANT - STUNTING PERCENT May-8-17	----- ARAHY PLANT - CHLORSIS PERCENT May-8-17	----- AMAPA ----- CONTROL PERCENT May-8-17	----- ARAHY PLANT - STUNTING PERCENT May-15-17	----- ARAHY PLANT - CHLORSIS PERCENT May-15-17	----- AMAPA ----- CONTROL PERCENT May-15-17	
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	8.8 cd	11.3 a	100.0 a	6.3 cde	22.5 b	100.0 a
	BRAKE (SP1182)	1.2	SL	32.0 oz/a	PRE	A						
	ZIDUA	85	WG	1.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 f	1.3 d	100.0 a	0.0 f	0.0 e	95.0 b
	GRAMOXONE	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						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
LSD P=.10							3.54	3.30	.	3.66	3.90	.
Standard Deviation							2.95	2.76	0.00	3.06	3.26	0.00
CV							37.82	67.82	0.0	48.91	29.8	0.0
Grand Mean							7.81	4.06	91.67	6.25	10.94	91.25
Bartlett's X2							4.234	5.308	0.0	4.496	8.3	0.0
P(Bartlett's X2)							0.895	0.505	.	0.876	0.405	.
Replicate F							3.083	1.349	0.000	1.041	0.572	0.000
Replicate Prob(F)							0.0407	0.2753	1.0000	0.3875	0.6374	1.0000
Treatment F							22.671	11.395	0.000	7.662	58.319	0.000
Treatment Prob(F)							0.0001	0.0001	1.0000	0.0001	0.0001	1.0000

Means followed by same letter or symbol 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 3,6,9,12,14,16 because error mean square = 0.

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							ARAHY	AMAPA	A.GRASS	----- ARAHY	AMAPA	A.GRASS	AMAPA
							INJURY PERCENT May-25-17	CONTROL PERCENT May-25-17	CONTROL PERCENT May-25-17	INJURY PERCENT Jun-8-17	CONTROL PERCENT Jun-8-17	CONTROL PERCENT Jun-8-17	CONTROL PERCENT Jun-29-17
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	7	8	9	10	11	12	13
1	NTC						0.0 e	0.0 c	0.0 b	0.0 f	0.0 c	0.0 b	0.0 c
2	PROWL H20	3.8	SC	32.0	oz/a	PRE A	8.8 cde	100.0 a	100.0 a	1.3 ef	100.0 a	100.0 a	100.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
3	PROWL H20	3.8	SC	32.0	oz/a	PRE A	8.8 cde	95.0 b	100.0 a	3.8 def	98.8 b	100.0 a	95.0 b
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
4	PROWL H20	3.8	SC	32.0	oz/a	PRE A	22.5 b	97.5 a	100.0 a	11.3 b	100.0 a	100.0 a	96.3 b
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
5	PROWL H20	3.8	SC	32.0	oz/a	PRE A	36.3 a	100.0 a	100.0 a	35.0 a	100.0 a	100.0 a	98.8 a
	BRAKE (SP1182)	1.2	SL	32.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
6	PROWL H20	3.8	SC	32.0	oz/a	PRE A	13.8 bcd	100.0 a	100.0 a	5.0 c-f	100.0 a	100.0 a	100.0 a
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE A							
	VALOR SX	51	WG	1.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
7	PROWL H20	3.8	SC	32.0	oz/a	PRE A	13.8 bcd	100.0 a	100.0 a	3.8 def	100.0 a	100.0 a	100.0 a
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE A							
	VALOR SX	51	WG	2.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
8	PROWL H20	3.8	SC	32.0	oz/a	PRE A	13.8 bcd	100.0 a	100.0 a	10.0 bc	100.0 a	100.0 a	100.0 a
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE A							
	VALOR SX	51	WG	3.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
9	PROWL H20	3.8	SC	32.0	oz/a	PRE A	5.0 de	100.0 a	100.0 a	8.8 bcd	100.0 a	100.0 a	100.0 a
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE A							
	ZIDUA	85	WG	1.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							
10	PROWL H20	3.8	SC	32.0	oz/a	PRE A	6.3 cde	100.0 a	100.0 a	6.3 b-e	100.0 a	100.0 a	100.0 a
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE A							
	ZIDUA	85	WG	1.0	oz/a	PRE A							
	CADRE	2	AS	4.0	oz/a	POST C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
	2,4-DB	1.75	SL	18.0	oz/a	POST C							

Means followed by same letter or symbol 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 3,6,9,12,14,16 because error mean square = 0.

University of Georgia

Weed Code						ARAHY	AMAPA	A.GRASS	-----	AMAPA	A.GRASS	AMAPA	
Crop Code							-----		ARAHY	-----	-----	-----	
Part Rated								- C			- C		
Rating Data Type						INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date						May-25-17	May-25-17	May-25-17	Jun-8-17	Jun-8-17	Jun-8-17	Jun-29-17	
PRM Data Type													
# Subsamples, Dec.													
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Unit	Stg	Code	7	8	9	10	11	12	13
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15.0 bc	100.0 a	100.0 a	10.0 bc	100.0 a	100.0 a	100.0 a
	BRAKE (SP1182)	1.2	SL	32.0 oz/a	PRE	A							
	ZIDUA	85	WG	1.0 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	8.8 cde	100.0 a	100.0 a	0.0 f	100.0 a	100.0 a	100.0 a
	GRAMOXONE	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							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
LSD P=.10							8.12	2.23	.	5.36	0.86	.	2.41
Standard Deviation							6.78	1.86	0.00	4.48	0.72	0.00	2.01
CV							53.38	2.05	0.0	56.6	0.79	0.0	2.21
Grand Mean							12.71	91.04	91.67	7.92	91.56	91.67	90.83
Bartlett's X2							2.69	1.321	0.0	7.802	0.0	0.0	1.175
P(Bartlett's X2)							0.988	0.25	.	0.554	.	.	0.556
Replicate F							0.045	1.000	0.000	0.830	1.000	0.000	0.344
Replicate Prob(F)							0.9870	0.4051	1.0000	0.4868	0.4051	1.0000	0.7938
Treatment F							7.650	949.691	0.000	17.566	6386.455	0.000	812.906
Treatment Prob(F)							0.0001	0.0001	1.0000	0.0001	0.0001	1.0000	0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, Duncan's New MRT)
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 Could not calculate LSD (% mean diff) for columns 3,6,9,12,14,16 because error mean square = 0.

University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							A. GRASS ----- CONTROL PERCENT Jun-29-17	AMAPA ----- CONTROL PERCENT Aug-28-17	A. GRASS ----- CONTROL PERCENT Aug-28-17	----- ARAHY PLOT - YIELD LBS Sep-19-17 - 2	----- ARAHY PLOT - YIELD LBS/A Sep-19-17 TY1 - 1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	14	15	16	17	18
1	NTC							0.0 b	0.0 c	0.0 b	0.00 b	0.0 b
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	100.0 a	100.0 a	22.34 a	5917.4 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	92.0 b	100.0 a	21.83 a	5781.6 a
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	96.5 a	100.0 a	19.94 a	5281.6 a
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	99.5 a	100.0 a	20.16 a	5341.2 a
	BRAKE (SP1182)	1.2	SL	32.0	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	99.5 a	100.0 a	21.34 a	5652.5 a
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A					
	VALOR SX	51	WG	1.0	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	100.0 a	100.0 a	21.44 a	5679.0 a
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A					
	VALOR SX	51	WG	2.0	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	100.0 a	100.0 a	22.24 a	5890.9 a
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A					
	VALOR SX	51	WG	3.0	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	100.0 a	100.0 a	20.28 a	5371.0 a
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE	A					
	ZIDUA	85	WG	1.0	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	100.0 a	100.0 a	21.44 a	5679.0 a
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A					
	ZIDUA	85	WG	1.0	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					

Means followed by same letter or symbol 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 3,6,9,12,14,16 because error mean square = 0.

University of Georgia

						A. GRASS	AMAPA	A. GRASS	-----	-----	
Weed Code						CONTROL	CONTROL	CONTROL	ARAHY	ARAHY	
Crop Code						PERCENT	PERCENT	PERCENT	PLOT -	PLOT -	
Part Rated									YIELD	YIELD	
Rating Data Type									LBS	LBS/A	
Rating Unit						Jun-29-17	Aug-28-17	Aug-28-17	Sep-19-17	Sep-19-17	
Rating Date									- 2	- 1	
PRM Data Type											
# Subsamples, Dec.											
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Unit	Stg	Code	14	15	16	17	18
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	100.0 a	100.0 a	100.0 a	19.80 a	5245.2 a
	BRAKE (SP1182)	1.2	SL	32.0 oz/a	PRE	A					
	ZIDUA	85	WG	1.0 oz/a	PRE	A					
	CADRE	2	AS	4.0 oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C					
	2,4-DB	1.75	SL	18.0 oz/a	POST	C					
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	100.0 a	100.0 a	100.0 a	21.04 a	5573.0 a
	GRAMOXONE	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					
	2,4-DB	1.75	SL	18.0 oz/a	POST	C					
LSD P=.10							3.32		2.394	634.26	
Standard Deviation						0.00	2.77	0.00	2.001	530.02	
CV						0.0	3.06	0.0	10.36	10.36	
Grand Mean						91.67	90.63	91.67	19.319	5117.72	
Bartlett's X2						0.0	15.02	0.0	7.376	7.376	
P(Bartlett's X2)						.	0.002*	.	0.69	0.69	
Replicate F						0.000	0.408	0.000	23.597	23.597	
Replicate Prob(F)						1.0000	0.7479	1.0000	0.0001	0.0001	
Treatment F						0.000	426.940	0.000	37.733	37.733	
Treatment Prob(F)						1.0000	0.0001	1.0000	0.0001	0.0001	

Means followed by same letter or symbol 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 3,6,9,12,14,16 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE - I

Trial ID: PE-07-17 Study Dir.: KYLE BRISCOE
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)

C = Crop is Part Rated

PRM Data Type

TY1 = 264.9093*[17]

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE - I										
Trial ID: PE-07-17 Study Dir.: KYLE BRISCOE 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 - STUNTING PERCENT May-8-17	----- ARAHY PLANT - CHLORSIS PERCENT May-8-17	AMAPA ----- CONTROL PERCENT May-8-17	----- ARAHY PLANT - CHLORSIS PERCENT May-15-17	AMAPA ----- CONTROL PERCENT May-15-17			
Trt Treatment	Form Form	Rate Grow	Appl							
No. Name	Conc Type	Rate Unit	Stg	Code Plot	1	2	3	4	5	6
1 NTC				101	0.0	0.0	0.0	0.0	0.0	0.0
				212	0.0	0.0	0.0	0.0	0.0	0.0
				309	0.0	0.0	0.0	0.0	0.0	0.0
				405	0.0	0.0	0.0	0.0	0.0	0.0
				Mean =	0.0	0.0	0.0	0.0	0.0	0.0
2 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 102	20.0	0.0	100.0	15.0	0.0	100.0
VALOR SX	51 WG	3.0 oz/a	PRE	A 205	25.0	0.0	100.0	10.0	0.0	100.0
CADRE	2 AS	4.0 oz/a	POST	C 303	15.0	0.0	100.0	10.0	0.0	100.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C 402	15.0	0.0	100.0	10.0	0.0	100.0
2,4-DB	1.75 SL	18.0 oz/a	POST	C						
				Mean =	18.8	0.0	100.0	11.3	0.0	100.0
3 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 103	0.0	0.0	100.0	0.0	15.0	100.0
BRAKE (SP1182)	1.2 SL	16.0 oz/a	PRE	A 210	5.0	5.0	100.0	0.0	10.0	100.0
CADRE	2 AS	4.0 oz/a	POST	C 312	0.0	5.0	100.0	5.0	10.0	100.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C 401	5.0	0.0	100.0	5.0	10.0	100.0
2,4-DB	1.75 SL	18.0 oz/a	POST	C						
				Mean =	2.5	2.5	100.0	2.5	11.3	100.0
4 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 104	0.0	5.0	100.0	5.0	20.0	100.0
BRAKE (SP1182)	1.2 SL	21.0 oz/a	PRE	A 201	5.0	5.0	100.0	5.0	15.0	100.0
CADRE	2 AS	4.0 oz/a	POST	C 306	5.0	5.0	100.0	5.0	30.0	100.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C 403	0.0	5.0	100.0	0.0	15.0	100.0
2,4-DB	1.75 SL	18.0 oz/a	POST	C						
				Mean =	2.5	5.0	100.0	3.8	20.0	100.0
5 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 105	5.0	15.0	100.0	5.0	45.0	100.0
BRAKE (SP1182)	1.2 SL	32.0 oz/a	PRE	A 202	10.0	10.0	100.0	5.0	40.0	100.0
CADRE	2 AS	4.0 oz/a	POST	C 310	0.0	15.0	100.0	10.0	40.0	100.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C 404	5.0	15.0	100.0	15.0	40.0	100.0
2,4-DB	1.75 SL	18.0 oz/a	POST	C						
				Mean =	5.0	13.8	100.0	8.8	41.3	100.0
6 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 106	10.0	0.0	100.0	5.0	10.0	100.0
BRAKE (SP1182)	1.2 SL	21.0 oz/a	PRE	A 211	10.0	5.0	100.0	0.0	10.0	100.0
VALOR SX	51 WG	1.0 oz/a	PRE	A 301	5.0	5.0	100.0	5.0	10.0	100.0
CADRE	2 AS	4.0 oz/a	POST	C 408	10.0	10.0	100.0	5.0	5.0	100.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C						
2,4-DB	1.75 SL	18.0 oz/a	POST	C						
				Mean =	8.8	5.0	100.0	3.8	8.8	100.0
7 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 107	10.0	0.0	100.0	10.0	0.0	100.0
BRAKE (SP1182)	1.2 SL	21.0 oz/a	PRE	A 208	10.0	0.0	100.0	10.0	5.0	100.0
VALOR SX	51 WG	2.0 oz/a	PRE	A 302	15.0	0.0	100.0	5.0	5.0	100.0
CADRE	2 AS	4.0 oz/a	POST	C 407	10.0	0.0	100.0	10.0	0.0	100.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C						
2,4-DB	1.75 SL	18.0 oz/a	POST	C						
				Mean =	11.3	0.0	100.0	8.8	2.5	100.0
8 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 108	20.0	0.0	100.0	15.0	0.0	100.0
BRAKE (SP1182)	1.2 SL	21.0 oz/a	PRE	A 209	30.0	0.0	100.0	15.0	0.0	100.0
VALOR SX	51 WG	3.0 oz/a	PRE	A 308	20.0	0.0	100.0	15.0	0.0	100.0
CADRE	2 AS	4.0 oz/a	POST	C 412	20.0	0.0	100.0	5.0	5.0	100.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C						
2,4-DB	1.75 SL	18.0 oz/a	POST	C						
				Mean =	22.5	0.0	100.0	12.5	1.3	100.0
9 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 109	5.0	5.0	100.0	5.0	5.0	100.0
BRAKE (SP1182)	1.2 SL	16.0 oz/a	PRE	A 207	10.0	0.0	100.0	5.0	15.0	100.0
ZIDUA	85 WG	1.0 oz/a	PRE	A 311	10.0	0.0	100.0	10.0	5.0	100.0
CADRE	2 AS	4.0 oz/a	POST	C 410	10.0	5.0	100.0	10.0	5.0	100.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C						
2,4-DB	1.75 SL	18.0 oz/a	POST	C						
				Mean =	8.8	2.5	100.0	7.5	7.5	100.0

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 May-8-17	----- ARAHY PLANT - CHLORSIS PERCENT May-8-17	AMAPA ----- CONTROL PERCENT May-8-17	----- ARAHY PLANT - STUNTING PERCENT May-15-17	----- ARAHY PLANT - CHLORSIS PERCENT May-15-17	AMAPA ----- CONTROL PERCENT May-15-17		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	10.0	5.0	100.0	10.0	15.0	100.0
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	206	5.0	0.0	100.0	5.0	20.0	100.0
	ZIDUA	85	WG	1.0	oz/a	PRE	A	305	5.0	10.0	100.0	10.0	15.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	409	0.0	15.0	100.0	15.0	15.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	5.0	7.5	100.0	10.0	16.3	100.0
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	10.0	15.0	100.0	5.0	20.0	100.0
	BRAKE (SP1182)	1.2	SL	32.0	oz/a	PRE	A	203	10.0	10.0	100.0	5.0	25.0	100.0
	ZIDUA	85	WG	1.0	oz/a	PRE	A	304	10.0	10.0	100.0	5.0	20.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	411	5.0	10.0	100.0	10.0	25.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	8.8	11.3	100.0	6.3	22.5	100.0
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	112	0.0	0.0	100.0	0.0	0.0	95.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	204	0.0	0.0	100.0	0.0	0.0	95.0
	STORM	4	SL	16.0	oz/a	EPOST	B	307	0.0	5.0	100.0	0.0	0.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	406	0.0	0.0	100.0	0.0	0.0	95.0
	CADRE	2	AS	4.0	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	0.0	1.3	100.0	0.0	0.0	95.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							ARAHY	AMAPA ----	A.GRASS - C	----- ARAHY	AMAPA ----	A.GRASS - C		
							INJURY PERCENT May-25-17	CONTROL PERCENT May-25-17	CONTROL PERCENT May-25-17	INJURY PERCENT Jun-8-17	CONTROL PERCENT Jun-8-17	CONTROL PERCENT Jun-8-17		
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	0.0
							212		0.0	0.0	0.0	0.0	0.0	0.0
							309		0.0	0.0	0.0	0.0	0.0	0.0
							405		0.0	0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	102	10.0	100.0	100.0	0.0	100.0	100.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	205	10.0	100.0	100.0	5.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	303	0.0	100.0	100.0	0.0	100.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	402	15.0	100.0	100.0	0.0	100.0	100.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		8.8	100.0	100.0	1.3	100.0	100.0
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	0.0	100.0	100.0	5.0	100.0	100.0
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE	A	210	10.0	100.0	100.0	0.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	312	10.0	90.0	100.0	5.0	95.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	401	15.0	90.0	100.0	5.0	100.0	100.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		8.8	95.0	100.0	3.8	98.8	100.0
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	30.0	100.0	100.0	15.0	100.0	100.0
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	201	20.0	95.0	100.0	15.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	306	30.0	100.0	100.0	15.0	100.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	403	10.0	95.0	100.0	0.0	100.0	100.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		22.5	97.5	100.0	11.3	100.0	100.0
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	40.0	100.0	100.0	40.0	100.0	100.0
	BRAKE (SP1182)	1.2	SL	32.0	oz/a	PRE	A	202	30.0	100.0	100.0	30.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	310	35.0	100.0	100.0	30.0	100.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	404	40.0	100.0	100.0	40.0	100.0	100.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		36.3	100.0	100.0	35.0	100.0	100.0
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	25.0	100.0	100.0	15.0	100.0	100.0
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	211	10.0	100.0	100.0	0.0	100.0	100.0
	VALOR SX	51	WG	1.0	oz/a	PRE	A	301	10.0	100.0	100.0	5.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	408	10.0	100.0	100.0	0.0	100.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		13.8	100.0	100.0	5.0	100.0	100.0
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	10.0	100.0	100.0	5.0	100.0	100.0
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	208	10.0	100.0	100.0	5.0	100.0	100.0
	VALOR SX	51	WG	2.0	oz/a	PRE	A	302	10.0	100.0	100.0	0.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	407	25.0	100.0	100.0	5.0	100.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		13.8	100.0	100.0	3.8	100.0	100.0
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	15.0	100.0	100.0	5.0	100.0	100.0
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	209	15.0	100.0	100.0	15.0	100.0	100.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	308	20.0	100.0	100.0	10.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	412	5.0	100.0	100.0	10.0	100.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		13.8	100.0	100.0	10.0	100.0	100.0
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	5.0	100.0	100.0	5.0	100.0	100.0
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE	A	207	5.0	100.0	100.0	10.0	100.0	100.0
	ZIDUA	85	WG	1.0	oz/a	PRE	A	311	10.0	100.0	100.0	15.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	410	0.0	100.0	100.0	5.0	100.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		5.0	100.0	100.0	8.8	100.0	100.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							ARAHY	AMAPA ----	A.GRASS - C	---- ARAHY	AMAPA ----	A.GRASS ----		
							INJURY PERCENT May-25-17	CONTROL PERCENT May-25-17	CONTROL PERCENT May-25-17	INJURY PERCENT Jun-8-17	CONTROL PERCENT Jun-8-17	CONTROL PERCENT Jun-8-17		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	7	8	9	10	11	12
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	5.0	100.0	100.0	5.0	100.0	100.0
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	206	15.0	100.0	100.0	10.0	100.0	100.0
	ZIDUA	85	WG	1.0	oz/a	PRE	A	305	5.0	100.0	100.0	10.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	409	0.0	100.0	100.0	0.0	100.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	6.3	100.0	100.0	6.3	100.0	100.0
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	10.0	100.0	100.0	10.0	100.0	100.0
	BRAKE (SP1182)	1.2	SL	32.0	oz/a	PRE	A	203	15.0	100.0	100.0	15.0	100.0	100.0
	ZIDUA	85	WG	1.0	oz/a	PRE	A	304	25.0	100.0	100.0	5.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C	411	10.0	100.0	100.0	10.0	100.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	15.0	100.0	100.0	10.0	100.0	100.0
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	112	5.0	100.0	100.0	0.0	100.0	100.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	204	15.0	100.0	100.0	0.0	100.0	100.0
	STORM	4	SL	16.0	oz/a	EPOST	B	307	0.0	100.0	100.0	0.0	100.0	100.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	406	15.0	100.0	100.0	0.0	100.0	100.0
	CADRE	2	AS	4.0	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	8.8	100.0	100.0	0.0	100.0	100.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							AMAPA ----- CONTROL PERCENT Jun-29-17	A. GRASS ----- CONTROL PERCENT Jun-29-17	AMAPA ----- CONTROL PERCENT Aug-28-17	A. GRASS ----- CONTROL PERCENT Aug-28-17	----- ARAHY PLOT - YIELD LBS Sep-19-17	----- ARAHY PLOT - YIELD LBS/A Sep-19-17 TY1 - 1		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	13	14	15	16	17	18
1	NTC								0.0	0.0	0.0	0.0	0.00	0.0
								212	0.0	0.0	0.0	0.0	0.00	0.0
								309	0.0	0.0	0.0	0.0	0.00	0.0
								405	0.0	0.0	0.0	0.0	0.00	0.0
								Mean =	0.0	0.0	0.0	0.0	0.00	0.0
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	102	100.0	100.0	100.0	100.0	23.65	6265.1
	VALOR SX	51	WG	3.0	oz/a	PRE	A	205	100.0	100.0	100.0	100.0	22.85	6053.2
	CADRE	2	AS	4.0	oz/a	POST	C	303	100.0	100.0	100.0	100.0	23.10	6119.4
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	402	100.0	100.0	100.0	100.0	19.75	5232.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	100.0	22.34	5917.4
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	95.0	100.0	98.0	100.0	27.10	7179.0
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE	A	210	100.0	100.0	100.0	100.0	23.65	6265.1
	CADRE	2	AS	4.0	oz/a	POST	C	312	90.0	100.0	85.0	100.0	19.05	5046.5
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	401	95.0	100.0	85.0	100.0	17.50	4635.9
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	95.0	100.0	92.0	100.0	21.83	5781.6
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	100.0	100.0	98.0	100.0	21.20	5616.1
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	201	90.0	100.0	90.0	100.0	19.40	5139.2
	CADRE	2	AS	4.0	oz/a	POST	C	306	100.0	100.0	100.0	100.0	18.35	4861.1
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	403	95.0	100.0	98.0	100.0	20.80	5510.1
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	96.3	100.0	96.5	100.0	19.94	5281.6
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	100.0	100.0	100.0	100.0	21.15	5602.8
	BRAKE (SP1182)	1.2	SL	32.0	oz/a	PRE	A	202	100.0	100.0	100.0	100.0	23.15	6132.7
	CADRE	2	AS	4.0	oz/a	POST	C	310	95.0	100.0	98.0	100.0	20.45	5417.4
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	404	100.0	100.0	100.0	100.0	15.90	4212.1
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	98.8	100.0	99.5	100.0	20.16	5341.2
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	100.0	100.0	100.0	100.0	26.90	7126.1
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	211	100.0	100.0	98.0	100.0	21.45	5682.3
	VALOR SX	51	WG	1.0	oz/a	PRE	A	301	100.0	100.0	100.0	100.0	20.90	5536.6
	CADRE	2	AS	4.0	oz/a	POST	C	408	100.0	100.0	100.0	100.0	16.10	4265.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	100.0	100.0	99.5	100.0	21.34	5652.5
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	100.0	100.0	100.0	100.0	24.45	6477.0
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	208	100.0	100.0	100.0	100.0	24.80	6569.8
	VALOR SX	51	WG	2.0	oz/a	PRE	A	302	100.0	100.0	100.0	100.0	22.20	5881.0
	CADRE	2	AS	4.0	oz/a	POST	C	407	100.0	100.0	100.0	100.0	14.30	3788.2
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	100.0	21.44	5679.0
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	100.0	100.0	100.0	100.0	27.30	7232.0
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	209	100.0	100.0	100.0	100.0	23.80	6304.8
	VALOR SX	51	WG	3.0	oz/a	PRE	A	308	100.0	100.0	100.0	100.0	21.70	5748.5
	CADRE	2	AS	4.0	oz/a	POST	C	412	100.0	100.0	100.0	100.0	16.15	4278.3
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	100.0	22.24	5890.9
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	100.0	100.0	100.0	100.0	24.55	6503.5
	BRAKE (SP1182)	1.2	SL	16.0	oz/a	PRE	A	207	100.0	100.0	100.0	100.0	19.90	5271.7
	ZIDUA	85	WG	1.0	oz/a	PRE	A	311	100.0	100.0	100.0	100.0	19.30	5112.8
	CADRE	2	AS	4.0	oz/a	POST	C	410	100.0	100.0	100.0	100.0	17.35	4596.2
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	100.0	20.28	5371.0

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Weed Code							AMAPA	A. GRASS	AMAPA	A. GRASS	-----	-----		
Crop Code							-----	-----	-----	-----	ARAHY	ARAHY		
Part Rated											PLOT -	PLOT -		
Rating Data Type							CONTROL	CONTROL	CONTROL	CONTROL	YIELD	YIELD		
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	LBS	LBS/A		
Rating Date							Jun-29-17	Jun-29-17	Aug-28-17	Aug-28-17	Sep-19-17	Sep-19-17		
PRM Data Type											- 2	TY1		
# Subsamples, Dec.												- 1		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	13	14	15	16	17	18
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	100.0	100.0	100.0	100.0	24.15	6397.6
	BRAKE (SP1182)	1.2	SL	21.0	oz/a	PRE	A	206	100.0	100.0	100.0	100.0	24.00	6357.8
	ZIDUA	85	WG	1.0	oz/a	PRE	A	305	100.0	100.0	100.0	100.0	20.35	5390.9
	CADRE	2	AS	4.0	oz/a	POST	C	409	100.0	100.0	100.0	100.0	17.25	4569.7
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	100.0	21.44	5679.0
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	100.0	100.0	100.0	100.0	22.40	5934.0
	BRAKE (SP1182)	1.2	SL	32.0	oz/a	PRE	A	203	100.0	100.0	100.0	100.0	23.05	6106.2
	ZIDUA	85	WG	1.0	oz/a	PRE	A	304	100.0	100.0	100.0	100.0	18.45	4887.6
	CADRE	2	AS	4.0	oz/a	POST	C	411	100.0	100.0	100.0	100.0	15.30	4053.1
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	100.0	19.80	5245.2
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	112	100.0	100.0	100.0	100.0	22.75	6026.7
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	204	100.0	100.0	100.0	100.0	22.25	5894.2
	STORM	4	SL	16.0	oz/a	EPOST	B	307	100.0	100.0	100.0	100.0	21.90	5801.5
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	406	100.0	100.0	100.0	100.0	17.25	4569.7
	CADRE	2	AS	4.0	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	100.0	21.04	5573.0

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE - I

Trial ID: PE-07-17 Study Dir.: KYLE BRISCOE
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)

C = Crop is Part Rated

PRM Data Type

TY1 = 264.9093*[17]