

University of Georgia

WEED CONTROL IN PEANUT WITH STRONGARM

Trial ID: PE-16-18 Study Dir.: JOHN RICHBURG
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
 Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Spray Volume	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
1	NTC									101	208	312	411
2	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	102	201	310	404
	VALOR SX	51	WG	3.0 oz/a		PRE	A	15 GPA	2.247 g/mx				
	CADRE	2	AS	4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx				
	2,4-DB	1.75	SL	18.0 oz/a		POST	C	15 GAL/AC	14.06 mL/mx				
	EVERPREX	7.62	EC	16.0 oz/a		POST	C	15 GAL/AC	12.5 mL/mx				
3	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	103	202	304	402
	VALOR SX	51	WG	3.0 oz/a		PRE	A	15 GPA	2.247 g/mx				
	STRONGARM	84	WG	0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx				
	CADRE	2	AS	4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx				
	2,4-DB	1.75	SL	18.0 oz/a		POST	C	15 GAL/AC	14.06 mL/mx				
EVERPREX	7.62	EC	16.0 oz/a		POST	C	15 GAL/AC	12.5 mL/mx					
4	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	104	210	302	403
	VALOR SX	51	WG	3.0 oz/a		PRE	A	15 GPA	2.247 g/mx				
	STRONGARM	84	WG	0.45 oz/a		PRE	A	15 GPA	0.337 g/mx				
	CADRE	2	AS	4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx				
	2,4-DB	1.75	SL	18.0 oz/a		POST	C	15 GAL/AC	14.06 mL/mx				
EVERPREX	7.62	EC	16.0 oz/a		POST	C	15 GAL/AC	12.5 mL/mx					
5	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	105	204	311	406
	STRONGARM	84	WG	0.45 oz/a		PRE	A	15 GPA	0.337 g/mx				
	CADRE	2	AS	4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx				
	2,4-DB	1.75	SL	18.0 oz/a		POST	C	15 GAL/AC	14.06 mL/mx				
	EVERPREX	7.62	EC	16.0 oz/a		POST	C	15 GAL/AC	12.5 mL/mx				
6	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	106	209	306	401
	STRONGARM	84	WG	0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx				
	CADRE	2	AS	4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx				
	STRONGARM	84	WG	0.225 oz/a		POST	C	15 GAL/AC	0.1685 g/mx				
	2,4-DB	1.75	SL	18.0 oz/a		POST	C	15 GAL/AC	14.06 mL/mx				
EVERPREX	7.62	EC	16.0 oz/a		POST	C	15 GAL/AC	12.5 mL/mx					
7	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	107	203	301	412
	GRAMOXONE	2	SL	12.0 oz/a		EPOST	B	15 GPA	9.374 mL/mx				
	STORM	4	SL	16.0 oz/a		EPOST	B	15 GPA	12.5 mL/mx				
	EVERPREX	7.62	EC	16.0 oz/a		EPOST	B	15 GPA	12.5 mL/mx				
	CADRE	2	AS	4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx				
2,4-DB	1.75	SL	18.0 oz/a		POST	C	15 GAL/AC	14.06 mL/mx					
EVERPREX	7.62	EC	16.0 oz/a		POST	C	15 GAL/AC	12.5 mL/mx					
8	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	108	211	303	409
	GRAMOXONE	2	SL	12.0 oz/a		EPOST	B	15 GPA	9.374 mL/mx				
	STORM	4	SL	16.0 oz/a		EPOST	B	15 GPA	12.5 mL/mx				
	STRONGARM	84	WG	0.225 oz/a		EPOST	B	15 GPA	0.1685 g/mx				
	EVERPREX	7.62	EC	16.0 oz/a		EPOST	B	15 GPA	12.5 mL/mx				
CADRE	2	AS	4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx					
2,4-DB	1.75	SL	18.0 oz/a		POST	C	15 GAL/AC	14.06 mL/mx					
STRONGARM	84	WG	0.225 oz/a		POST	C	15 GAL/AC	0.1685 g/mx					
EVERPREX	7.62	EC	16.0 oz/a		POST	C	15 GAL/AC	12.5 mL/mx					
9	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	109	206	305	408
	STRONGARM	84	WG	0.45 oz/a		EPOST	B	15 GPA	0.337 g/mx				
	EVERPREX	7.62	SC	16.0 oz/a		EPOST	B	15 GPA	12.5 mL/mx				
10	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	110	212	308	407
	STRONGARM	84	WG	0.30 oz/a		EPOST	B	15 GPA	0.2247 g/mx				
	EVERPREX	7.62	SC	16.0 oz/a		EPOST	B	15 GPA	12.5 mL/mx				

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Reps: 4 Plots: 6 by 25 feet
 Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Spray Volume	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
11	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	111	205	307	410
	GRAMOXONE	2	SL	12.0 oz/a		EPOST	B	15 GPA	9.374 mL/mx				
	STORM	4	SL	16.0 oz/a		EPOST	B	15 GPA	12.5 mL/mx				
	STRONGARM	84	WG	0.225 oz/a		EPOST	B	15 GPA	0.1685 g/mx				
	NIS			0.25 % v/v		EPOST	B	15 GPA	3.75 mL/mx				
	STRONGARM	84	WG	0.225 oz/a		POST	C	15 GAL/AC	0.1685 g/mx				
	EVERPREX	7.62	EC	16.0 oz/a		POST	C	15 GAL/AC	12.5 mL/mx				
12	PROWL H20	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	112	207	309	405
	VALOR SX	51	WG	3.0 oz/a		PRE	A	15 GPA	2.247 g/mx				
	STRONGARM	84	WG	0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx				
	CADRE	2	AS	4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx				
	STRONGARM	84	WG	0.225 oz/a		POST	C	15 GAL/AC	0.1685 g/mx				
	2,4-DB	1.75	SL	18.0 oz/a		POST	C	15 GAL/AC	14.06 mL/mx				
	EVERPREX	7.62	EC	16.0 oz/a		POST	C	15 GAL/AC	12.5 mL/mx				

Sort Order: Treatment

Trial Comments

PLOTS 407 TO 412 HAD DEER DAMAGE

ANNUAL GRASS = NON-UNIFORM MIXTURE OF TX PANICUM, CROWFOOTGRASS, CRABGRASS, GOOSEGRASS, BL SIGNALGRASS.

SUMMARY:

- 1) ALL VALOR PRE TREATMENTS RESULTED IN SIGNIFICANT PEANUT INJURY DUE TO COPIOUS AMOUNTS OF RAINFALL THAT OCCURRED THIS SEASON.
- 2) ALL PRE TREATMENTS THAT CONTAINED PROWL AND VALOR AND/OR STRONGARM RESULTED IN EXCELLENT CONTROL OF PALMER AMARANTH, ANNUAL GRASSES AND SMALLFLOWER MG (>95%). HOWEVER, PRE APPLICATIONS OF PROWL ALONE WERE LESS EFFECTIVE ON SMALLFLOWER MG (75-90% CONTROL).
- 3) AFTER EPOST TREATMENTS OF GRAMOXONE WERE APPLIED, ANY DEFICIENCIES IN WEED CONTROL WERE CORRECTED. BUT, EPOST APPLIED GRAMOXONE TREATMENTS INCREASED PEANUT INJURY.
- 4) ON AUGUST 15 (100 DAP), ALL TREATMENTS PROVIDED > 90% CONTROL OF PALMER AMARANTH, ANNUAL GRASSES , AND FLORIDA BEGGARWEED EXCEPT THE FOLLOWING FOR ANNUAL GRASSES:

 PROWL + VALOR FB CADRE + DB + EVERPREX = 87% CONTROL OF ANNUAL GRASSES
 PROWL + VALOR + STRONGARM FB CADRE + DB + EVERPREX = 89% CONTROL OF ANNUAL GRASSES
 PROWL FB STRONGARM = 69-80% CONTROL OF ANNUAL GRASSES DEPENDING UPON STRONGARM RATE.
- 5) STRONGARM OFFERS FLEXIBILITY IN APPLICATION TIMING (PRE, EPOST, POST) WITH LITTLE CONCERN FOR CROP INJURY.

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WEED CONTROL IN PEANUT WITH STRONGARM

Trial ID: PE-16-18 Study Dir.: JOHN RICHBURG
 Location: ATTAPULGUS Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: JOHN RICHBURG **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 TX PANICUM/GOOSE/CRAB/CROW
Weed 3. DEDTO FLORIDA BEGGARWEED **4.** IAQTA SMALLFLOWER MG

Crop 1: ARAHY PEANUT **Variety:** GA-16HO **Planting Date:** May-7-18
Planting Method: MONOSEM SINGLE ROW **Rate:** 6 SEED/FT **Depth:** 2 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** DRY **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 20G @ 5.3 LBS/A; DYNASTY PD SEED TRT;

Previous: Crops	Pesticides	Year
1. COTTON	2017	_____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: LOAMY SAND **% OM:** 1.49 **% Sand:** 86 **% Silt:** 6 **% Clay:** 8
pH: 6.0 **CEC:** _____ **Soil Name:** ORANGEBURG **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-8-18	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____
2. May-12-18	_____	0.12	IN	RAINFALL	_____	_____
3. May-15-18	_____	0.41	IN	RAINFALL	_____	_____
4. May-16-18	_____	0.06	IN	RAINFALL	_____	_____
5. May-17-18	_____	1.03	IN	RAINFALL	_____	_____
6. May-18-18	_____	0.46	IN	RAINFALL	_____	_____
7. May-20-18	_____	0.03	IN	RAINFALL	_____	_____
8. May-21-18	_____	0.36	IN	RAINFALL	_____	_____
9. May-22-18	_____	0.14	IN	RAINFALL	_____	_____
10.	_____	_____	_____	_____	_____	_____
11.	_____	_____	_____	_____	_____	_____

Overall Moisture Conditions: _____

Closest Weather Station: _____ **Distance:** _____ **Unit:** _____

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APPLICATION DESCRIPTION						
	A	B	C	D	E	F
Application Date:	May-8-18	May-23-18	Jun-14-18			
Time of Day:	9:00 AM	9:00 AM	9:00 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	EPOST	POST			
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE			
Air Temp., Unit:	75 F	77 F	80 F			
% Relative Humidity:	58	89	79			
Wind Velocity, Unit:	2 MPH	1 MPH	3 MPH			
Dew Presence (Y/N):	N	Y	Y			
Water Hardness:	--	--	--			
Soil Temp., Unit:	74 F	77 F	79 F			
Soil Moisture:	DRY	WET	OPTIMUM			
% Cloud Cover:	0	50	15			

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

WEED STAGE AT EACH APPLICATION						
	A	B	C	D	E	F
Weed 1 Stage:	AMAPA	NONE UP	NONE UP			
Stage Scale:						
Density, Unit:						
Weed 2 Stage:	AGRASS	1-3"	2-7"			
Stage Scale:						
Density, Unit:						
Weed 3 Stage:	DEDTO	NONE UP	1-2"			
Stage Scale:						
Density, Unit:						
Weed 4 Stage:	IAQTA	1"	1"			
Stage Scale:						
Density, Unit:						

APPLICATION EQUIPMENT						
	A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK	SAME AS B			
Operating Pressure:	25	44				
Nozzle Type:	AIXR	AIXR				
Nozzle Size:	11002	11002				
Nozzle Spacing, Unit:	15 IN	20 IN				
Nozzles/Row:	2					
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

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WEED CONTROL IN PEANUT WITH STRONGARM													
Trial ID: PE-16-18 Study Dir.: JOHN RICHBURG													
Location: ATTAPULGUS Investigator: Eric P. Prostko													
Weed Code							-----	AMAPA	AGRASS	IAQTA	-----	-----	AMAPA
Crop Code							ARAHY	-----	-----	-----	ARAHY	ARAHY	-----
Part Rated							PLANT -	CONTROL	CONTROL	CONTROL	PLANT -	LEAF -	CONTROL
Rating Data Type							STUNTING	PERCENT	PERCENT	PERCENT	STUNTING	NECROSIS	PERCENT
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							May-17-18	May-17-18	May-17-18	May-17-18	May-30-18	May-30-18	May-30-18
Trt No.	Treatment	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	1	2	3	4	5	6	7
1	NTC						0.0 b	0.0 b	0.0 b	0.0 c	0.0 d	0.0 b	0.0 b
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	27.5 a	99.0 a	96.8 a	99.0 a	18.8 abc	0.0 b	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	27.5 a	99.0 a	98.0 a	99.0 a	21.3 ab	0.0 b	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							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	27.5 a	99.0 a	99.0 a	99.0 a	20.0 ab	0.0 b	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.45 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	7.5 b	99.0 a	98.0 a	97.0 a	0.0 d	0.0 b	99.0 a
	STRONGARM	84	WG	0.45 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	7.5 b	99.0 a	95.8 a	94.8 ab	2.5 d	0.0 b	99.0 a
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	STRONGARM	84	WG	0.225 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	6.7 b	99.0 a	95.5 a	83.8 ab	7.5 bcd	20.0 a	99.0 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	6.7 b	99.0 a	96.8 a	81.3 ab	8.8 bcd	20.0 a	99.0 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	STRONGARM	84	WG	0.225 oz/a	EPOST	B							
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	STRONGARM	84	WG	0.225 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	6.7 b	99.0 a	96.8 a	79.8 ab	5.0 cd	0.0 b	99.0 a
	STRONGARM	84	WG	0.45 oz/a	EPOST	B							
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B							
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	6.7 b	99.0 a	99.0 a	90.5 ab	5.0 cd	2.5 b	99.0 a
	STRONGARM	84	WG	0.30 oz/a	EPOST	B							
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B							

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

Missing data estimates are included in columns: Average=1

Could not calculate Tukey's HSD (% mean diff) for columns 2,7,11,13,14,17,18 because error mean square = 0.

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Weed Code							-----	AMAPA	AGRASS	IAQTA	-----	-----	AMAPA
Crop Code							ARAHY	-----	-----	-----	ARAHY	ARAHY	-----
Part Rated							PLANT -				PLANT -	LEAF -	
Rating Data Type							STUNTING	CONTROL	CONTROL	CONTROL	STUNTING	NECROSIS	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							May-17-18	May-17-18	May-17-18	May-17-18	May-30-18	May-30-18	May-30-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	10.0 b	99.0 a	95.5 a	75.0 b	10.0 bcd	17.5 a	99.0 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	STRONGARM	84	WG	0.225 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	STRONGARM	84	WG	0.225 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	30.0 a	99.0 a	99.0 a	99.0 a	25.0 a	0.0 b	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							
	STRONGARM	84	WG	0.225 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
Tukey's HSD P=.10							10.22	.	8.95	20.02	14.68	4.83	.
Standard Deviation							4.46	0.00	3.95	8.83	6.48	2.13	0.00
CV							32.62	0.0	4.43	10.62	62.79	42.64	0.0
Grand Mean							13.68	90.75	89.17	83.17	10.31	5.00	90.75
Levene's F							0.307	0.00	0.559	2.509	2.023	0.00	0.00
Levene's Prob(F)							0.979	0.00*	0.848	0.019*	0.055	0.00*	0.00*
Replicate F							1.406	0.000	0.874	2.334	1.768	0.000	0.000
Replicate Prob(F)							0.2616	1.0000	0.4647	0.0919	0.1725	1.0000	1.0000
Treatment F							23.976	0.000	202.882	39.050	7.293	65.000	0.000
Treatment Prob(F)							0.0001	1.0000	0.0001	0.0001	0.0001	0.0001	1.0000

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

Missing data estimates are included in columns: Average=1

Could not calculate Tukey's HSD (% mean diff) for columns 2,7,11,13,14,17,18 because error mean square = 0.

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							AGRASS ----- CONTROL PERCENT May-30-18	IAQTA ----- CONTROL PERCENT May-30-18	----- ARAHY PLANT - STUNTING PERCENT Jun-14-18	AMAPA ----- CONTROL PERCENT Jun-14-18	AGRASS ----- CONTROL PERCENT Jun-14-18	IAQTA ----- CONTROL PERCENT Jun-14-18	DEDTO ----- CONTROL PERCENT Jun-14-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	8	9	10	11	12	13	14
1	NTC						0.0 b	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 b
2	PROWL H20 VALOR SX CADRE 2,4-DB EVERPREX	3.8 51 2 1.75 7.62	SC WG AS SL EC	32.0 oz/a 3.0 oz/a 4.0 oz/a 18.0 oz/a 16.0 oz/a	PRE PRE POST POST POST	A A C C C	95.8 a	99.0 a	15.0 a	99.0 a	93.3 a	99.0 a	99.0 a
3	PROWL H20 VALOR SX STRONGARM CADRE 2,4-DB EVERPREX	3.8 51 84 2 1.75 7.62	SC WG WG AS SL EC	32.0 oz/a 3.0 oz/a 0.225 oz/a 4.0 oz/a 18.0 oz/a 16.0 oz/a	PRE PRE PRE POST POST POST	A A A C C C	96.8 a	99.0 a	12.5 ab	99.0 a	94.5 a	99.0 a	99.0 a
4	PROWL H20 VALOR SX STRONGARM CADRE 2,4-DB EVERPREX	3.8 51 84 2 1.75 7.62	SC WG WG AS SL EC	32.0 oz/a 3.0 oz/a 0.45 oz/a 4.0 oz/a 18.0 oz/a 16.0 oz/a	PRE PRE PRE POST POST POST	A A A C C C	98.0 a	99.0 a	15.0 a	99.0 a	98.0 a	99.0 a	99.0 a
5	PROWL H20 STRONGARM CADRE 2,4-DB EVERPREX	3.8 84 2 1.75 7.62	SC WG AS SL EC	32.0 oz/a 0.45 oz/a 4.0 oz/a 18.0 oz/a 16.0 oz/a	PRE PRE POST POST POST	A A C C C	99.0 a	99.0 a	0.0 c	99.0 a	98.0 a	99.0 a	99.0 a
6	PROWL H20 STRONGARM CADRE STRONGARM 2,4-DB EVERPREX	3.8 84 2 84 1.75 7.62	SC WG AS WG SL EC	32.0 oz/a 0.225 oz/a 4.0 oz/a 0.225 oz/a 18.0 oz/a 16.0 oz/a	PRE PRE POST POST POST POST	A A C C C C	98.0 a	93.3 a	0.0 c	99.0 a	96.8 a	99.0 a	99.0 a
7	PROWL H20 GRAMOXONE STORM EVERPREX CADRE 2,4-DB EVERPREX	3.8 2 4 7.62 2 1.75 7.62	SC SL SL EC AS SL EC	32.0 oz/a 12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 18.0 oz/a 16.0 oz/a	PRE EPOST EPOST EPOST POST POST POST	A B B B C C C	99.0 a	98.0 a	11.3 ab	99.0 a	98.0 a	99.0 a	99.0 a
8	PROWL H20 GRAMOXONE STORM STRONGARM EVERPREX CADRE 2,4-DB STRONGARM EVERPREX	3.8 2 4 84 7.62 2 1.75 84 7.62	SC SL SL WG EC AS SL WG EC	32.0 oz/a 12.0 oz/a 16.0 oz/a 0.225 oz/a 16.0 oz/a 4.0 oz/a 18.0 oz/a 0.225 oz/a 16.0 oz/a	PRE EPOST EPOST EPOST EPOST POST POST POST POST	A B B B B C C C C	98.0 a	96.0 a	12.5 ab	99.0 a	96.8 a	99.0 a	99.0 a
9	PROWL H20 STRONGARM EVERPREX	3.8 84 7.62	SC WG SC	32.0 oz/a 0.45 oz/a 16.0 oz/a	PRE EPOST EPOST	A B B	99.0 a	96.0 a	2.5 bc	99.0 a	94.5 a	99.0 a	99.0 a
10	PROWL H20 STRONGARM EVERPREX	3.8 84 7.62	SC WG SC	32.0 oz/a 0.30 oz/a 16.0 oz/a	PRE EPOST EPOST	A B B	98.0 a	97.0 a	2.5 bc	99.0 a	93.5 a	99.0 a	99.0 a

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Missing data estimates are included in columns: Average=1
 Could not calculate Tukey's HSD (% mean diff) for columns 2,7,11,13,14,17,18 because error mean square = 0.

University of Georgia

Weed Code							AGRASS	IAQTA	----- ARAHY PLANT -	AMAPA	AGRASS	IAQTA	DEDTO
Crop Code							-----	-----	-----	-----	-----	-----	-----
Part Rated							CONTROL	CONTROL	STUNTING	CONTROL	CONTROL	CONTROL	CONTROL
Rating Data Type							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Unit							May-30-18	May-30-18	Jun-14-18	Jun-14-18	Jun-14-18	Jun-14-18	Jun-14-18
Rating Date							8	9	10	11	12	13	14
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code							
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	97.0 a	12.5 ab	99.0 a	98.0 a	99.0 a	99.0 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	STRONGARM	84	WG	0.225 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	STRONGARM	84	WG	0.225 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	99.0 a	15.0 a	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							
	STRONGARM	84	WG	0.225 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
Tukey's HSD P=.10							4.55	6.69	11.11	.	9.75	.	.
Standard Deviation							2.01	2.95	4.90	0.00	4.30	0.00	0.00
CV							2.23	3.3	59.54	0.0	4.87	0.0	0.0
Grand Mean							89.96	89.35	8.23	90.75	88.35	90.75	90.75
Levene's F							1.243	1.951	1.803	0.00	1.055	0.00	0.00
Levene's Prob(F)							0.296	0.065	0.09	0.00*	0.422	0.00*	0.00*
Replicate F							2.497	0.965	0.716	0.000	2.200	0.000	0.000
Replicate Prob(F)							0.0768	0.4207	0.5495	1.0000	0.1065	1.0000	1.0000
Treatment F							796.062	364.964	7.122	0.000	168.091	0.000	0.000
Treatment Prob(F)							0.0001	0.0001	0.0001	1.0000	0.0001	1.0000	1.0000

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

Missing data estimates are included in columns: Average=1

Could not calculate Tukey's HSD (% mean diff) for columns 2,7,11,13,14,17,18 because error mean square = 0.

University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- ARAHY LEAF - NECROSIS PERCENT Jun-25-18	AGRASS ----- CONTROL PERCENT Jun-25-18	AMAPA ----- CONTROL PERCENT Jun-25-18	DEDTO ----- CONTROL PERCENT Jun-25-18	AMAPA ----- CONTROL PERCENT Jul-17-18	AGRASS ----- CONTROL PERCENT Jul-17-18	DEDTO ----- CONTROL PERCENT Jul-17-18
Trt	Treatment	Form	Form	Rate	Grow	Appl	15	16	17	18	19	20	21
No.	Name	Conc	Type	Unit	Stg	Code							
1	NTC						0.0 a	0.0 b	0.0 b	0.0 b	0.0 b	0.0 d	0.0 c
2	PROWL H20 VALOR SX CADRE 2,4-DB EVERPREX	3.8 51 2 1.75 7.62	SC WG AS SL EC	32.0 oz/a 3.0 oz/a 4.0 oz/a 18.0 oz/a 16.0 oz/a	PRE PRE POST POST POST	A A C C C	0.0 a	95.5 a	99.0 a	99.0 a	99.0 a	93.5 ab	99.0 a
3	PROWL H20 VALOR SX STRONGARM CADRE 2,4-DB EVERPREX	3.8 51 84 2 1.75 7.62	SC WG WG AS SL EC	32.0 oz/a 3.0 oz/a 0.225 oz/a 4.0 oz/a 18.0 oz/a 16.0 oz/a	PRE PRE PRE POST POST POST	A A A C C C	1.3 a	96.8 a	99.0 a	99.0 a	99.0 a	95.8 ab	99.0 a
4	PROWL H20 VALOR SX STRONGARM CADRE 2,4-DB EVERPREX	3.8 51 84 2 1.75 7.62	SC WG WG AS SL EC	32.0 oz/a 3.0 oz/a 0.45 oz/a 4.0 oz/a 18.0 oz/a 16.0 oz/a	PRE PRE PRE POST POST POST	A A A C C C	0.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
5	PROWL H20 STRONGARM CADRE 2,4-DB EVERPREX	3.8 84 2 1.75 7.62	SC WG AS SL EC	32.0 oz/a 0.45 oz/a 4.0 oz/a 18.0 oz/a 16.0 oz/a	PRE PRE POST POST POST	A A C C C	0.0 a	99.0 a	99.0 a	99.0 a	98.0 a	99.0 a	99.0 a
6	PROWL H20 STRONGARM CADRE STRONGARM 2,4-DB EVERPREX	3.8 84 2 84 1.75 7.62	SC WG AS WG SL EC	32.0 oz/a 0.225 oz/a 4.0 oz/a 0.225 oz/a 18.0 oz/a 16.0 oz/a	PRE PRE POST POST POST POST	A A C C C C	0.0 a	99.0 a	99.0 a	99.0 a	99.0 a	96.0 ab	99.0 a
7	PROWL H20 GRAMOXONE STORM EVERPREX CADRE 2,4-DB EVERPREX	3.8 2 4 7.62 2 1.75 7.62	SC SL SL EC AS SL EC	32.0 oz/a 12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 18.0 oz/a 16.0 oz/a	PRE EPOST EPOST EPOST POST POST POST	A B B B C C C	1.3 a	99.0 a	99.0 a	99.0 a	99.0 a	96.0 ab	99.0 a
8	PROWL H20 GRAMOXONE STORM STRONGARM EVERPREX CADRE 2,4-DB STRONGARM EVERPREX	3.8 2 4 84 7.62 2 1.75 84 7.62	SC SL SL WG EC AS SL WG EC	32.0 oz/a 12.0 oz/a 16.0 oz/a 0.225 oz/a 16.0 oz/a 4.0 oz/a 18.0 oz/a 0.225 oz/a 16.0 oz/a	PRE EPOST EPOST EPOST EPOST POST POST POST POST	A B B B B C C C C	0.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
9	PROWL H20 STRONGARM EVERPREX	3.8 84 7.62	SC WG SC	32.0 oz/a 0.45 oz/a 16.0 oz/a	PRE EPOST EPOST	A B B	0.0 a	93.5 a	99.0 a	99.0 a	99.0 a	90.0 bc	99.0 a
10	PROWL H20 STRONGARM EVERPREX	3.8 84 7.62	SC WG SC	32.0 oz/a 0.30 oz/a 16.0 oz/a	PRE EPOST EPOST	A B B	0.0 a	93.3 a	99.0 a	99.0 a	99.0 a	83.8 c	95.8 b

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

Missing data estimates are included in columns: Average=1

Could not calculate Tukey's HSD (% mean diff) for columns 2,7,11,13,14,17,18 because error mean square = 0.

University of Georgia

Weed Code							-----	AGRASS	AMAPA	DEDTO	AMAPA	AGRASS	DEDTO
Crop Code							-----	-----	-----	-----	-----	-----	-----
Part Rated							-----	-----	-----	-----	-----	-----	-----
Rating Data Type							-----	-----	-----	-----	-----	-----	-----
Rating Unit							-----	-----	-----	-----	-----	-----	-----
Rating Date							-----	-----	-----	-----	-----	-----	-----
							ARAHY	AGRASS	AMAPA	DEDTO	AMAPA	AGRASS	DEDTO
							LEAF -	-----	-----	-----	-----	-----	-----
							NECROSIS	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
							Jun-25-18	Jun-25-18	Jun-25-18	Jun-25-18	Jul-17-18	Jul-17-18	Jul-17-18
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Unit	Stg	Code	15	16	17	18	19	20	21
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 a	99.0 a	99.0 a	99.0 a	99.0 a	94.8 ab	99.0 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	STRONGARM	84	WG	0.225 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	STRONGARM	84	WG	0.225 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 a	99.0 a	99.0 a	99.0 a	99.0 a	94.8 ab	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							
	STRONGARM	84	WG	0.225 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
Tukey's HSD P=.10							2.21	7.06	.	.	1.31	7.60	2.80
Standard Deviation							0.97	3.12	0.00	0.00	0.58	3.35	1.23
CV							467.1	3.49	0.0	0.0	0.64	3.86	1.36
Grand Mean							0.21	89.33	90.75	90.75	90.67	86.79	90.48
Levene's F							0.00	2.408	0.00	0.00		2.593	
Levene's Prob(F)							0.00*	0.023*	0.00*	0.00*		0.015*	
Replicate F							2.200	3.062	0.000	0.000	1.000	1.919	1.000
Replicate Prob(F)							0.1066	0.0416	1.0000	1.0000	0.4051	0.1458	0.4051
Treatment F							1.000	328.169	0.000	0.000	9784.001	272.193	2137.658
Treatment Prob(F)							0.4671	0.0001	1.0000	1.0000	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

Missing data estimates are included in columns: Average=1

Could not calculate Tukey's HSD (% mean diff) for columns 2,7,11,13,14,17,18 because error mean square = 0.

University of Georgia

Weed Code							AMAPA	AGRASS	DEDTO
Crop Code							----	----	----
Part Rated									
Rating Data Type							CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT
Rating Date							Aug-15-18	Aug-15-18	Aug-15-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	22	23	24
1	NTC						0.0 b	0.0 d	0.0 b
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	87.3 ab	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	C			
	2,4-DB	1.75	SL	18.0 oz/a	POST	C			
	EVERPREX	7.62	EC	16.0 oz/a	POST	C			
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	88.8 ab	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			
	2,4-DB	1.75	SL	18.0 oz/a	POST	C			
	EVERPREX	7.62	EC	16.0 oz/a	POST	C			
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	97.0 a	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A			
	STRONGARM	84	WG	0.45 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	C			
	2,4-DB	1.75	SL	18.0 oz/a	POST	C			
	EVERPREX	7.62	EC	16.0 oz/a	POST	C			
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	96.8 a	98.0 a	99.0 a
	STRONGARM	84	WG	0.45 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	C			
	2,4-DB	1.75	SL	18.0 oz/a	POST	C			
	EVERPREX	7.62	EC	16.0 oz/a	POST	C			
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	95.0 ab	99.0 a
	STRONGARM	84	WG	0.225 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	C			
	STRONGARM	84	WG	0.225 oz/a	POST	C			
	2,4-DB	1.75	SL	18.0 oz/a	POST	C			
	EVERPREX	7.62	EC	16.0 oz/a	POST	C			
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	94.8 ab	99.0 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B			
	CADRE	2	AS	4.0 oz/a	POST	C			
	2,4-DB	1.75	SL	18.0 oz/a	POST	C			
	EVERPREX	7.62	EC	16.0 oz/a	POST	C			
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	97.0 a	99.0 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	STRONGARM	84	WG	0.225 oz/a	EPOST	B			
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B			
	CADRE	2	AS	4.0 oz/a	POST	C			
	2,4-DB	1.75	SL	18.0 oz/a	POST	C			
	STRONGARM	84	WG	0.225 oz/a	POST	C			
	EVERPREX	7.62	EC	16.0 oz/a	POST	C			
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	80.0 bc	96.8 a
	STRONGARM	84	WG	0.45 oz/a	EPOST	B			
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B			
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	68.8 c	98.0 a
	STRONGARM	84	WG	0.30 oz/a	EPOST	B			
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B			

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

Missing data estimates are included in columns: Average=1

Could not calculate Tukey's HSD (% mean diff) for columns 2,7,11,13,14,17,18 because error mean square = 0.

University of Georgia

Weed Code							AMAPA	AGRASS	DEDTO
Crop Code							-----	-----	-----
Part Rated									
Rating Data Type							CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT
Rating Date							Aug-15-18	Aug-15-18	Aug-15-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	22	23	24
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	91.3 ab	96.8 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	STRONGARM	84	WG	0.225 oz/a	EPOST	B			
	NIS			0.25 % v/v	EPOST	B			
	STRONGARM	84	WG	0.225 oz/a	POST	C			
	EVERPREX	7.62	EC	16.0 oz/a	POST	C			
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	90.0 ab	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			
	STRONGARM	84	WG	0.225 oz/a	POST	C			
	2,4-DB	1.75	SL	18.0 oz/a	POST	C			
	EVERPREX	7.62	EC	16.0 oz/a	POST	C			
Tukey's HSD P=.10							2.94	16.24	4.24
Standard Deviation							1.30	7.16	1.87
CV							1.43	8.7	2.07
Grand Mean							90.56	82.31	90.29
Levene's F								1.264	0.844
Levene's Prob(F)								0.284	0.60
Replicate F							1.000	1.616	1.742
Replicate Prob(F)							0.4051	0.2044	0.1776
Treatment F							1929.000	57.856	926.900
Treatment Prob(F)							0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

Missing data estimates are included in columns: Average=1

Could not calculate Tukey's HSD (% mean diff) for columns 2,7,11,13,14,17,18 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH STRONGARM

Trial ID: PE-16-18 Study Dir.: JOHN RICHBURG
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
IAQTA = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.
DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.

Part Rated

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

University of Georgia

WEED CONTROL IN PEANUT WITH STRONGARM												
Trial ID: PE-16-18 Study Dir.: JOHN RICHBURG												
Location: ATTAPULGUS Investigator: Eric P. Prostko												
Weed Code							----- ARAHY PLANT - STUNTING PERCENT May-17-18	----- AMAPA ----- CONTROL PERCENT May-17-18	----- AGRASS ----- CONTROL PERCENT May-17-18	----- IAQTA ----- CONTROL PERCENT May-17-18	----- ARAHY PLANT - STUNTING PERCENT May-30-18	----- ARAHY LEAF - NECROSIS PERCENT May-30-18
Trt	Treatment	Form	Form	Rate	Grow	Appl	1	2	3	4	5	6
No.	Name	Conc	Type	Unit	Stg	Code	Plot					
1	NTC						101	0.0	0.0	0.0	0.0	0.0
							208	0.0	0.0	0.0	0.0	0.0
							312	0.0	0.0	0.0	0.0	0.0
							411	0.0	0.0	0.0	0.0	0.0
							Mean =	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	99.0	99.0	99.0	30.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	201	30.0	99.0	90.0	99.0	25.0
	CADRE	2	AS	4.0 oz/a	POST	C	310	30.0	99.0	99.0	99.0	10.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	404	30.0	99.0	99.0	99.0	10.0
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
							Mean =	27.5	99.0	96.8	99.0	18.8
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	103	20.0	99.0	99.0	99.0	30.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	202	30.0	99.0	95.0	99.0	30.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	304	30.0	99.0	99.0	99.0	10.0
	CADRE	2	AS	4.0 oz/a	POST	C	402	30.0	99.0	99.0	99.0	15.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
							Mean =	27.5	99.0	98.0	99.0	21.3
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	104	20.0	99.0	99.0	99.0	20.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	210	30.0	99.0	99.0	99.0	30.0
	STRONGARM	84	WG	0.45 oz/a	PRE	A	302	30.0	99.0	99.0	99.0	20.0
	CADRE	2	AS	4.0 oz/a	POST	C	403	30.0	99.0	99.0	99.0	10.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
							Mean =	27.5	99.0	99.0	99.0	20.0
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	105	0.0	99.0	99.0	95.0	0.0
	STRONGARM	84	WG	0.45 oz/a	PRE	A	204	10.0	99.0	99.0	99.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	C	311	10.0	99.0	95.0	95.0	0.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	406	10.0	99.0	99.0	99.0	0.0
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
							Mean =	7.5	99.0	98.0	97.0	0.0
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	106	0.0	99.0	99.0	95.0	0.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	209	10.0	99.0	95.0	99.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	C	306	10.0	99.0	90.0	90.0	0.0
	STRONGARM	84	WG	0.225 oz/a	POST	C	401	10.0	99.0	99.0	95.0	10.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
							Mean =	7.5	99.0	95.8	94.8	2.5
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	107	10.0	99.0	99.0	65.0	10.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	203	0.0	99.0	99.0	90.0	0.0
	STORM	4	SL	16.0 oz/a	EPOST	B	301	10.0	99.0	85.0	95.0	10.0
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B	412	.	99.0	99.0	85.0	10.0
	CADRE	2	AS	4.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
							Mean =	6.7	99.0	95.5	83.8	7.5
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	108	10.0	99.0	90.0	90.0	10.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	211	0.0	99.0	99.0	85.0	10.0
	STORM	4	SL	16.0 oz/a	EPOST	B	303	10.0	99.0	99.0	65.0	0.0
	STRONGARM	84	WG	0.225 oz/a	EPOST	B	409	.	99.0	99.0	85.0	15.0
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B						
	CADRE	2	AS	4.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
							Mean =	6.7	99.0	96.8	81.3	8.8

University of Georgia

Weed Code							-----	AMAPA	AGRASS	IAQTA	-----	-----
Crop Code							ARAHY	-----	-----	-----	ARAHY	ARAHY
Part Rated							PLANT -	-----	-----	-----	PLANT -	LEAF -
Rating Data Type							STUNTING	CONTROL	CONTROL	CONTROL	STUNTING	NECROSIS
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							May-17-18	May-17-18	May-17-18	May-17-18	May-30-18	May-30-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code Plot	1	2	3	4	5	6
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	10.0	99.0	99.0	65.0	0.0	0.0
	STRONGARM	84	WG	0.45 oz/a	EPOST	B 206	10.0	99.0	90.0	90.0	10.0	0.0
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B 305	0.0	99.0	99.0	65.0	0.0	0.0
						408	.	99.0	99.0	99.0	10.0	0.0
						Mean =	6.7	99.0	96.8	79.8	5.0	0.0
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	10.0	99.0	99.0	65.0	0.0	0.0
	STRONGARM	84	WG	0.30 oz/a	EPOST	B 212	0.0	99.0	99.0	99.0	0.0	0.0
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B 308	10.0	99.0	99.0	99.0	0.0	0.0
						407	.	99.0	99.0	99.0	20.0	10.0
						Mean =	6.7	99.0	99.0	90.5	5.0	2.5
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	10.0	99.0	85.0	65.0	10.0	20.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 205	10.0	99.0	99.0	65.0	10.0	20.0
	STORM	4	SL	16.0 oz/a	EPOST	B 307	10.0	99.0	99.0	85.0	10.0	20.0
	STRONGARM	84	WG	0.225 oz/a	EPOST	B 410	.	99.0	99.0	85.0	10.0	10.0
	NIS			0.25 % v/v	EPOST	B						
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	10.0	99.0	95.5	75.0	10.0	17.5
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 112	30.0	99.0	99.0	99.0	30.0	0.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 207	30.0	99.0	99.0	99.0	30.0	0.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 309	30.0	99.0	99.0	99.0	20.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	C 405	30.0	99.0	99.0	99.0	20.0	0.0
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	30.0	99.0	99.0	99.0	25.0	0.0

University of Georgia

Weed Code							AMAPA	AGRASS	IAQTA	-----	AMAPA	AGRASS
Crop Code							-----	-----	-----	ARAHY	-----	-----
Part Rated										PLANT -		
Rating Data Type							CONTROL	CONTROL	CONTROL	STUNTING	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							May-30-18	May-30-18	May-30-18	Jun-14-18	Jun-14-18	Jun-14-18
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
						208	0.0	0.0	0.0	0.0	0.0	0.0
						312	0.0	0.0	0.0	0.0	0.0	0.0
						411	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	99.0	99.0	99.0	20.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 201	99.0	90.0	99.0	20.0	99.0	80.0
	CADRE	2	AS	4.0 oz/a	POST	C 310	99.0	95.0	99.0	10.0	99.0	95.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C 404	99.0	99.0	99.0	10.0	99.0	99.0
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	95.8	99.0	15.0	99.0	93.3
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 103	99.0	99.0	99.0	20.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 202	99.0	90.0	99.0	20.0	99.0	85.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 304	99.0	99.0	99.0	0.0	99.0	95.0
	CADRE	2	AS	4.0 oz/a	POST	C 402	99.0	99.0	99.0	10.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	96.8	99.0	12.5	99.0	94.5
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 104	99.0	99.0	99.0	20.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 210	99.0	95.0	99.0	15.0	99.0	95.0
	STRONGARM	84	WG	0.45 oz/a	PRE	A 302	99.0	99.0	99.0	15.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 403	99.0	99.0	99.0	10.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	98.0	99.0	15.0	99.0	98.0
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 105	99.0	99.0	99.0	0.0	99.0	95.0
	STRONGARM	84	WG	0.45 oz/a	PRE	A 204	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 311	99.0	99.0	99.0	0.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C 406	99.0	99.0	99.0	0.0	99.0	99.0
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	99.0	0.0	99.0	98.0
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 106	99.0	99.0	99.0	0.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 209	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 306	99.0	99.0	80.0	0.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	POST	C 401	99.0	95.0	95.0	0.0	99.0	90.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	98.0	93.3	0.0	99.0	96.8
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 107	99.0	99.0	95.0	10.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 203	99.0	99.0	99.0	10.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 301	99.0	99.0	99.0	15.0	99.0	95.0
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B 412	99.0	99.0	99.0	10.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	98.0	11.3	99.0	98.0
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 108	99.0	95.0	95.0	10.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 211	99.0	99.0	99.0	10.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 303	99.0	99.0	95.0	10.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	EPOST	B 409	99.0	99.0	95.0	20.0	99.0	90.0
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B						
	CADRE	2	AS	4.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	98.0	96.0	12.5	99.0	96.8

University of Georgia

Weed Code							AMAPA	AGRASS	IAQTA	-----	AMAPA	AGRASS
Crop Code							-----	-----	-----	ARAHY	-----	-----
Part Rated										PLANT -		
Rating Data Type							CONTROL	CONTROL	CONTROL	STUNTING	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							May-30-18	May-30-18	May-30-18	Jun-14-18	Jun-14-18	Jun-14-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code Plot	7	8	9	10	11	12
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	99.0	99.0	95.0	0.0	99.0	99.0
	STRONGARM	84	WG	0.45 oz/a	EPOST	B 206	99.0	99.0	95.0	0.0	99.0	85.0
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B 305	99.0	99.0	95.0	0.0	99.0	95.0
						408	99.0	99.0	99.0	10.0	99.0	99.0
						Mean =	99.0	99.0	96.0	2.5	99.0	94.5
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	99.0	99.0	95.0	0.0	99.0	99.0
	STRONGARM	84	WG	0.30 oz/a	EPOST	B 212	99.0	95.0	95.0	0.0	99.0	90.0
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B 308	99.0	99.0	99.0	0.0	99.0	90.0
						407	99.0	99.0	99.0	10.0	99.0	95.0
						Mean =	99.0	98.0	97.0	2.5	99.0	93.5
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	99.0	99.0	99.0	10.0	99.0	95.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 205	99.0	99.0	95.0	10.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 307	99.0	99.0	95.0	10.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	EPOST	B 410	99.0	99.0	99.0	20.0	99.0	99.0
	NIS			0.25 % v/v	EPOST	B						
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	97.0	12.5	99.0	98.0
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 112	99.0	99.0	99.0	20.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 207	99.0	99.0	99.0	10.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 309	99.0	99.0	99.0	20.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 405	99.0	99.0	99.0	10.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	99.0	15.0	99.0	99.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							IAQTA ----- CONTROL PERCENT Jun-14-18	DEDTO ----- CONTROL PERCENT Jun-14-18	----- ARAHY LEAF - NECROSIS PERCENT Jun-25-18	AGRASS ----- CONTROL PERCENT Jun-25-18	AMAPA ----- CONTROL PERCENT Jun-25-18	DEDTO ----- CONTROL PERCENT Jun-25-18
Trt	Treatment	Form	Form	Rate	Grow	Appl	13	14	15	16	17	18
No. Name		Conc	Type	Unit	Stg	Code Plot						
1	NTC					101	0.0	0.0	0.0	0.0	0.0	0.0
						208	0.0	0.0	0.0	0.0	0.0	0.0
						312	0.0	0.0	0.0	0.0	0.0	0.0
						411	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	99.0	99.0	0.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 201	99.0	99.0	0.0	85.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 310	99.0	99.0	0.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C 404	99.0	99.0	0.0	99.0	99.0	99.0
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	0.0	95.5	99.0	99.0
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 103	99.0	99.0	5.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 202	99.0	99.0	0.0	90.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 304	99.0	99.0	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 402	99.0	99.0	0.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	1.3	96.8	99.0	99.0
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 104	99.0	99.0	0.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 210	99.0	99.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.45 oz/a	PRE	A 302	99.0	99.0	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 403	99.0	99.0	0.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	0.0	99.0	99.0	99.0
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 105	99.0	99.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.45 oz/a	PRE	A 204	99.0	99.0	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 311	99.0	99.0	0.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C 406	99.0	99.0	0.0	99.0	99.0	99.0
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	0.0	99.0	99.0	99.0
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 106	99.0	99.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 209	99.0	99.0	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 306	99.0	99.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	POST	C 401	99.0	99.0	0.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	0.0	99.0	99.0	99.0
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 107	99.0	99.0	5.0	99.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 203	99.0	99.0	0.0	99.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 301	99.0	99.0	0.0	99.0	99.0	99.0
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B 412	99.0	99.0	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	1.3	99.0	99.0	99.0
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 108	99.0	99.0	0.0	99.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 211	99.0	99.0	0.0	99.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 303	99.0	99.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	EPOST	B 409	99.0	99.0	0.0	99.0	99.0	99.0
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B						
	CADRE	2	AS	4.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	0.0	99.0	99.0	99.0

University of Georgia

Weed Code							IAQTA	DEDTO	-----	AGRASS	AMAPA	DEDTO
Crop Code							-----	-----	ARAHY	-----	-----	-----
Part Rated									LEAF -			
Rating Data Type							CONTROL	CONTROL	NECROSIS	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							Jun-14-18	Jun-14-18	Jun-25-18	Jun-25-18	Jun-25-18	Jun-25-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code Plot	13	14	15	16	17	18
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	99.0	99.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.45 oz/a	EPOST	B 206	99.0	99.0	0.0	90.0	99.0	99.0
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B 305	99.0	99.0	0.0	90.0	99.0	99.0
						408	99.0	99.0	0.0	95.0	99.0	99.0
						Mean =	99.0	99.0	0.0	93.5	99.0	99.0
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	99.0	99.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.30 oz/a	EPOST	B 212	99.0	99.0	0.0	90.0	99.0	99.0
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B 308	99.0	99.0	0.0	85.0	99.0	99.0
						407	99.0	99.0	0.0	99.0	99.0	99.0
						Mean =	99.0	99.0	0.0	93.3	99.0	99.0
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	99.0	99.0	0.0	99.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 205	99.0	99.0	0.0	99.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 307	99.0	99.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	EPOST	B 410	99.0	99.0	0.0	99.0	99.0	99.0
	NIS			0.25 % v/v	EPOST	B						
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	0.0	99.0	99.0	99.0
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 112	99.0	99.0	0.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 207	99.0	99.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 309	99.0	99.0	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 405	99.0	99.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	0.0	99.0	99.0	99.0

University of Georgia

Weed Code							AMAPA	AGRASS	DEDTO	AMAPA	AGRASS	DEDTO	
Crop Code							----	----	----	----	----	----	
Part Rated													
Rating Data Type							CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date							Jul-17-18	Jul-17-18	Jul-17-18	Aug-15-18	Aug-15-18	Aug-15-18	
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Unit	Stg	Code	Plot	19	20	21	22	23	24
1	NTC						101	0.0	0.0	0.0	0.0	0.0	0.0
							208	0.0	0.0	0.0	0.0	0.0	0.0
							312	0.0	0.0	0.0	0.0	0.0	0.0
							411	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	99.0	99.0	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	201	99.0	85.0	99.0	99.0	65.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C	310	99.0	95.0	99.0	99.0	95.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	404	99.0	95.0	99.0	99.0	90.0	99.0
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
							Mean =	99.0	93.5	99.0	99.0	87.3	99.0
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	103	99.0	99.0	99.0	99.0	95.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	202	99.0	90.0	99.0	99.0	75.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	304	99.0	95.0	99.0	99.0	90.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C	402	99.0	99.0	99.0	99.0	95.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
							Mean =	99.0	95.8	99.0	99.0	88.8	99.0
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	104	99.0	99.0	99.0	99.0	95.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	210	99.0	99.0	99.0	99.0	95.0	99.0
	STRONGARM	84	WG	0.45 oz/a	PRE	A	302	99.0	99.0	99.0	99.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C	403	99.0	99.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
							Mean =	99.0	99.0	99.0	99.0	97.0	99.0
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	105	99.0	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.45 oz/a	PRE	A	204	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C	311	99.0	99.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	406	95.0	99.0	99.0	90.0	95.0	99.0
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
							Mean =	98.0	99.0	99.0	96.8	98.0	99.0
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	106	99.0	95.0	99.0	99.0	95.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	209	99.0	95.0	99.0	99.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C	306	99.0	99.0	99.0	99.0	95.0	99.0
	STRONGARM	84	WG	0.225 oz/a	POST	C	401	99.0	95.0	99.0	99.0	95.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
							Mean =	99.0	96.0	99.0	99.0	95.0	99.0
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	107	99.0	95.0	99.0	99.0	90.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	203	99.0	99.0	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B	301	99.0	95.0	99.0	99.0	95.0	99.0
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B	412	99.0	95.0	99.0	99.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
							Mean =	99.0	96.0	99.0	99.0	94.8	99.0
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	108	99.0	99.0	99.0	99.0	95.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	211	99.0	99.0	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B	303	99.0	99.0	99.0	99.0	95.0	99.0
	STRONGARM	84	WG	0.225 oz/a	EPOST	B	409	99.0	99.0	99.0	99.0	99.0	99.0
	EVERPREX	7.62	EC	16.0 oz/a	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	STRONGARM	84	WG	0.225 oz/a	POST	C							
	EVERPREX	7.62	EC	16.0 oz/a	POST	C							
							Mean =	99.0	99.0	99.0	99.0	97.0	99.0

University of Georgia

Weed Code							AMAPA	AGRASS	DEDTO	AMAPA	AGRASS	DEDTO
Crop Code							----	----	----	----	----	----
Part Rated												
Rating Data Type							CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							Jul-17-18	Jul-17-18	Jul-17-18	Aug-15-18	Aug-15-18	Aug-15-18
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code Plot	19	20	21	22	23	24
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	99.0	95.0	99.0	99.0	95.0	99.0
	STRONGARM	84	WG	0.45 oz/a	EPOST	B 206	99.0	85.0	99.0	99.0	80.0	99.0
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B 305	99.0	95.0	99.0	99.0	80.0	90.0
						408	99.0	85.0	99.0	99.0	65.0	99.0
						Mean =	99.0	90.0	99.0	99.0	80.0	96.8
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	99.0	90.0	95.0	99.0	85.0	99.0
	STRONGARM	84	WG	0.30 oz/a	EPOST	B 212	99.0	80.0	90.0	99.0	60.0	95.0
	EVERPREX	7.62	SC	16.0 oz/a	EPOST	B 308	99.0	80.0	99.0	99.0	65.0	99.0
						407	99.0	85.0	99.0	99.0	65.0	99.0
						Mean =	99.0	83.8	95.8	99.0	68.8	98.0
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	99.0	95.0	99.0	99.0	90.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 205	99.0	95.0	99.0	99.0	90.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 307	99.0	99.0	99.0	99.0	90.0	90.0
	STRONGARM	84	WG	0.225 oz/a	EPOST	B 410	99.0	90.0	99.0	99.0	95.0	99.0
	NIS			0.25 % v/v	EPOST	B						
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	94.8	99.0	99.0	91.3	96.8
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 112	99.0	95.0	99.0	99.0	90.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 207	99.0	95.0	99.0	99.0	90.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 309	99.0	90.0	99.0	99.0	85.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C 405	99.0	99.0	99.0	99.0	95.0	99.0
	STRONGARM	84	WG	0.225 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	EVERPREX	7.62	EC	16.0 oz/a	POST	C						
						Mean =	99.0	94.8	99.0	99.0	90.0	99.0

University of Georgia

WEED CONTROL IN PEANUT WITH STRONGARM

Trial ID: PE-16-18 Study Dir.: JOHN RICHBURG
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
IAQTA = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.
DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.

Part Rated

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