

University of Georgia

ANTHEM FLEX FOR WEED CONTROL IN PEANUT
 Trial ID: PE-04-17 Study Dir.: CRAIG HEIM
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 20 feet
 Spray vol: 15 GAL/AC Mix Size: 1.5 liters (.62569 liters calculated mix size)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
1	NTC								101	206	305	408
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	102	212	307	410
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	103	213	308	401
	ANTHEM FLEX	4	SC	1.5	oz/a	PRE	A	1.172 ml/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	104	210	302	407
	ANTHEM FLEX	4	SC	2.0	oz/a	PRE	A	1.562 ml/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	105	203	310	413
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	ANTHEM FLEX	4	SC	3.0	oz/a	POST	C	2.343 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	106	207	311	402
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	ANTHEM FLEX	4	SC	3.5	oz/a	POST	C	2.734 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	107	205	306	403
	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				
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	108	209	303	412
	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				
	ANTHEM FLEX	4	SC	3.0	oz/a	EPOST	B	2.343 ml/mx				
	NIS			0.25	% v/v	EPOST	B	3.75 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	ANTHEM FLEX	4	SC	3.0	oz/a	POST	C	2.343 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 ml/mx	109	208	312	409
	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				
	ANTHEM FLEX	4	SC	3.5	oz/a	EPOST	B	2.734 ml/mx				
	NIS			0.25	% v/v	EPOST	B	3.75 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	ANTHEM FLEX	4	SC	3.5	oz/a	POST	C	2.734 ml/mx				
	NIS			0.25	% v/v	POST	C	3.75 ml/mx				

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Reps: 4 Plots: 6 by 20 feet
 Spray vol: 15 GAL/AC Mix Size: 1.5 liters (.62569 liters calculated mix size)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
10	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	110	202	304	405
	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				
	ZIDUA	85	WG	1.0 oz/a	EPOST	B	0.7489 g/mx				
	NIS			0.25 % v/v	EPOST	B	3.75 ml/mx				
	CADRE	2	AS	4.0 oz/a	POST	C	3.125 ml/mx				
	ZIDUA	85	WG	1.0 oz/a	POST	C	0.7489 g/mx				
	NIS			0.25 % v/v	POST	C	3.75 ml/mx				
11	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	111	204	301	406
	VALOR SX	51	WG	3.0 oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225 oz/a	PRE	A	0.1685 g/mx				
	COBRA	2	EC	12.5 oz/a	POST	C	9.765 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0 oz/a	POST	C	12.5 ml/mx				
12	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	112	201	313	411
	VALOR SX	51	WG	3.0 oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225 oz/a	PRE	A	0.1685 g/mx				
	COBRA	2	EC	12.5 oz/a	POST	C	9.765 ml/mx				
	ANTHEM FLEX	4	SC	2.5 oz/a	POST	C	1.953 ml/mx				
	2,4-DB	1.75	SL	16.0 oz/a	POST	C	12.5 ml/mx				
	NIS			0.25 % v/v	POST	C	3.75 ml/mx				
	13	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A				
VALOR SX		51	WG	3.0 oz/a	PRE	A	2.247 g/mx				
STRONGARM		84	WG	0.225 oz/a	PRE	A	0.1685 g/mx				
COBRA		2	EC	12.5 oz/a	POST	C	9.765 ml/mx				
ANTHEM FLEX		4	SC	3.0 oz/a	POST	C	2.343 ml/mx				
2,4-DB		1.75	SL	16.0 oz/a	POST	C	12.5 ml/mx				
NIS				0.25 % v/v	POST	C	3.75 ml/mx				

Sort Order: Treatment

Trial Comments
<p>ANTHEM FLEX = PYROXASULFONE (3.733 LBS/GAL) + CARFENTRAZONE (0.267 LBS/GAL)</p> <p>DUE TO HEAVY NUTSEDGE PRESSURE, PLOTS WERE MECHANICALLY CULTIVATED TWICE.</p> <p>DIGGING DATE: SEPTEMBER 21 HARVEST DATE: SEPTEMBER 28 HARVEST MOISTURE: 7.4% YIELDS ADJUSTED TO 10%.</p> <p>YIELDS LOWER THAN EXPECTED DUE TO WILDLIFE (DEER, CROW) DAMAGE.</p> <p><u>SUMMARY:</u></p> <p>1) ANTHEM FLEX APPLIED PRE WAS SLIGHTLY MORE INJURIOUS THAN VALOR (+4-6%).</p> <p>2) IN SOME RATINGS, SICKLEPOD CONTROL WITH PRE APPLIED ANTHEM FLEX WAS LESS EFFECTIVE THAN SIMILAR TREATMENTS WITH VALOR.</p> <p>3) ANTHEM FLEX INCREASED PEANUT LEAF BURN WHEN TANK-MIXED WITH CADRE (+14-18%).</p> <p>3) GENERALLY, TREATMENTS THAT CONTAINED ANTHEM FLEX PROVIDED WEED CONTROL AND YIELD COMPARABLE TO SIMILAR TREATMENTS THAT CONTAINED VALOR AND/OR DUAL MAGNUM.</p>

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ANTHEM FLEX FOR WEED CONTROL IN PEANUT

Trial ID: PE-04-17 Study Dir.: CRAIG HEIM
 Location: ATTAPULGUS Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: CRAIG HEIM **Title:** _____ **Postal Code:** _____
Affiliation: _____
Investigator: Eric P. Prostko **Title:** _____ **Postal Code:** _____
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.MILLET/CRAB/CROW/GOOSE
Weed 3. DEDTO FL BEGGARWEED **4.** CYPSP YELLOW/PURPLE NUTSEDGE
Weed 5. CASOB SICKLEPOD **6.** _____

Crop 1: ARAHY PEANUT **Variety:** GA-06G **Planting Date:** Oct-2-17
Planting Method: MONOSEM **Rate:** 6 SD/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:** 20 FT **Reps:** 4

Site Type: _____ **Study Design:** RACOBL
Tillage Type: CONVENTIONAL
Trial Initiation Comments: THIMET INFR @ 5 LBS/A; DYNASTY PD SEED TRT;

Previous: Crops **Pesticides** **Year**
 1. FALLOW 2016 _____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: LOAMY SAND **% OM:** 1.8 **% Sand:** 86 **% Silt:** 8 **% Clay:** 6
pH: 6.2 **CEC:** _____ **Soil Name:** ORANGEBURG **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-4-17		2.23	IN	RAINFALL		
2. May-12-17		0.29	IN	RAINFALL		
3. May-13-17		0.01	IN	RAINFALL		
4. May-18-17		1.0	IN	SPRINKLER - CENTER PIVOT		
5. May-21-17		0.35	IN	RAINFALL		
6. May-22-17		0.05	IN	RAINFALL		
7. May-23-17		0.15	IN	RAINFALL		
8. May-24-17		0.54	IN	RAINFALL		

Overall Moisture Conditions: _____ **Distance:** _____ **Unit:** _____

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	May-3-17	May-17-17	Jun-13-17			
Time of Day:	9:00 AM	8:30 AM	9:00 am			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	EPOST	POST			
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE			
Air Temp., Unit:	68 F	73 F	73 F			
% Relative Humidity:	70	68	100			
Wind Velocity, Unit:	0 MPH	3 MPH	0 MPH			
Dew Presence (Y/N):	N	N	Y			
Water Hardness:	--	--	--			
Soil Temp., Unit:	67 F	76 F	76 F			
Soil Moisture:	DRY	DRY	WET			
% Cloud Cover:	0	100	100			

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CROP STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Crop 1	Stage: ARAHY		3" WIDE	10" WIDE			
	Stage Scale:		V4	R1			
	Height, Unit:		3 IN	5 IN			

WEED STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Weed 1	Stage: AMAPA						
	Stage Scale:						
	Density, Unit:						
Weed 2	Stage: AGRASS			3-6"			
	Stage Scale:						
	Density, Unit:						
Weed 3	Stage: DEDTO			1-2"			
	Stage Scale:						
	Density, Unit:						
Weed 4	Stage: CYPSP		5-6"	4-12"			
	Stage Scale:						
	Density, Unit:						
Weed 5	Stage: CASOB		1"	6-12"			
	Stage Scale:						
	Density, Unit:						

APPLICATION EQUIPMENT							
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK	BACKPACK	SAME AS B			
Operating Pressure:	35	37					
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 3.0	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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ANTHEM FLEX FOR WEED CONTROL IN PEANUT													
Trial ID: PE-04-17 Study Dir.: CRAIG HEIM Location: ATTAPULGUS Investigator: Eric P. Prostko													
Weed Code							----- A.GRASS -----	CYPES -----	----- A.GRASS -----	CYPES -----	----- CASOB -----		
Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	PRM Data Type	# Subsamples, Dec.	ARAHY PLANT - STUNT PERCENT May-17-17	CONTROL PERCENT May-17-17	CONTROL PERCENT May-17-17	ARAHY PLANT - STUNTING PERCENT May-22-17	CONTROL PERCENT May-22-17	CONTROL PERCENT May-22-17	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	1	2	3	4	5	6	7
1	NTC						0.0 f	0.0 b	0.0 d	0.0 c	0.0 b	0.0 d	0.0 e
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	13.8 cd	100.0 a	41.3 c	5.0 b	100.0 a	38.8 c	100.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	17.5 b	100.0 a	58.8 ab	10.0 a	100.0 a	61.3 a	58.8 bcd
	ANTHEM FLEX	4	SC	1.5 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	20.0 a	100.0 a	65.0 a	11.3 a	100.0 a	63.8 a	51.3 cd
	ANTHEM FLEX	4	SC	2.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15.0 bc	100.0 a	58.8 ab	5.0 b	100.0 a	65.0 a	100.0 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							
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	17.5 b	100.0 a	53.8 abc	10.0 a	100.0 a	61.3 a	100.0 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							
	ANTHEM FLEX	4	SC	3.5 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	10.0 e	100.0 a	0.0 d	15.0 a	100.0 a	37.5 c	98.8 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							
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	11.3 de	100.0 a	0.0 d	12.5 a	100.0 a	46.3 bc	77.5 abc
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	ANTHEM FLEX	4	SC	3.0 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	10.0 e	100.0 a	0.0 d	11.3 a	100.0 a	35.0 c	62.5 bcd
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	ANTHEM FLEX	4	SC	3.5 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.5 oz/a	POST	C							
	NIS			0.25 % v/v	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 2,5,9,10,15,19,20,21 because error mean square = 0.

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Weed Code							-----	A.GRASS	CYPES	-----	A.GRASS	CYPES	CASOB	
Crop Code							ARAHY	-----	-----	ARAHY	-----	-----	-----	
Part Rated							PLANT -			PLANT -				
Rating Data Type							STUNT	CONTROL	CONTROL	STUNTING	CONTROL	CONTROL	CONTROL	
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date							May-17-17	May-17-17	May-17-17	May-22-17	May-22-17	May-22-17	May-22-17	
PRM Data Type														
# Subsamples, Dec.														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	11.3 de	100.0 a	0.0 d	13.8 a	100.0 a	35.0 c	81.3 abc
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
	STORM	4	SL	16.0	oz/a	EPOST	B							
	ZIDUA	85	WG	1.0	oz/a	EPOST	B							
	NIS			0.25	% v/v	EPOST	B							
	CADRE	2	AS	4.0	oz/a	POST	C							
	ZIDUA	85	WG	1.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	16.3 bc	100.0 a	42.5 c	15.0 a	100.0 a	38.8 c	81.3 abc
	VALOR SX	51	WG	3.0	oz/a	PRE	A							
	STRONGARM	84	WG	0.225	oz/a	PRE	A							
	COBRA	2	EC	12.5	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	12.5 de	100.0 a	48.8 bc	11.3 a	100.0 a	56.3 ab	37.5 d
	VALOR SX	51	WG	3.0	oz/a	PRE	A							
	STRONGARM	84	WG	0.225	oz/a	PRE	A							
	COBRA	2	EC	12.5	oz/a	POST	C							
	ANTHEM FLEX	4	SC	2.5	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
13	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	16.3 bc	100.0 a	48.8 bc	11.3 a	100.0 a	53.8 ab	87.5 ab
	VALOR SX	51	WG	3.0	oz/a	PRE	A							
	STRONGARM	84	WG	0.225	oz/a	PRE	A							
	COBRA	2	EC	12.5	oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.0	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
LSD P=.10							2.36	.	12.11	4.32	.	12.00	31.27	
Standard Deviation							1.97	0.00	10.14	3.62	0.00	10.05	26.20	
CV							14.99	0.0	31.59	35.83	0.0	22.06	36.37	
Grand Mean							13.17	92.31	32.12	10.10	92.31	45.58	72.02	
Bartlett's X2							2.914	0.0	5.107	9.553	0.0	17.354	16.781	
P(Bartlett's X2)							0.94	.	0.647	0.481	.	0.098	0.032*	
Replicate F							10.973	0.000	8.042	2.486	0.000	3.419	0.967	
Replicate Prob(F)							0.0001	1.0000	0.0003	0.0762	1.0000	0.0274	0.4191	
Treatment F							26.342	0.000	28.730	5.767	0.000	12.663	5.139	
Treatment Prob(F)							0.0001	1.0000	0.0001	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 2,5,9,10,15,19,20,21 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 Jun-2-17	A.GRASS ----- CONTROL PERCENT Jun-2-17	AMAPA ----- CONTROL PERCENT Jun-2-17	CYPSP ----- CONTROL PERCENT Jun-2-17	----- ARAHY LEAF - BURN PERCENT Jun-23-17	AGRASS ----- CONTROL PERCENT Jun-23-17	CYPSP ----- CONTROL PERCENT Jun-23-17
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	8	9	10	11	12	13	14
1	NTC						0.0 c	0.0 b	0.0 b	0.0 e	0.0 f	0.0 c	0.0 e
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	10.0 ab	100.0 a	100.0 a	22.5 cde	0.0 f	100.0 a	46.3 c
	VALOR SX	51	WG	3.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	11.3 a	100.0 a	100.0 a	48.8 ab	0.0 f	100.0 a	61.3 ab
	ANTHEM FLEX	4	SC	1.5 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	11.3 a	100.0 a	100.0 a	57.5 a	0.0 f	100.0 a	67.5 a
	ANTHEM FLEX	4	SC	2.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	11.3 a	100.0 a	100.0 a	50.0 ab	18.8 a	100.0 a	65.0 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							
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	11.3 a	100.0 a	100.0 a	47.5 ab	13.8 cd	100.0 a	62.5 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							
	ANTHEM FLEX	4	SC	3.5 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	10.0 ab	100.0 a	100.0 a	7.5 de	0.0 f	100.0 a	37.5 cd
	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							
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	11.3 a	100.0 a	100.0 a	20.0 cde	17.5 ab	100.0 a	42.5 cd
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	ANTHEM FLEX	4	SC	3.0 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	11.3 a	100.0 a	100.0 a	12.5 cde	16.3 abc	100.0 a	40.0 cd
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	ANTHEM FLEX	4	SC	3.5 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.5 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							

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University of Georgia

Weed Code							-----	A.GRASS	-----	AMAPA	-----	CYPSP	-----	AGRASS	-----	CYPSP		
Crop Code							ARAHY	-----	-----	-----	-----	ARAHY	-----	-----	-----	-----	-----	
Part Rated							PLANT -	-----	-----	-----	-----	LEAF -	-----	-----	-----	-----	-----	
Rating Data Type							STUNTING	CONTROL	CONTROL	CONTROL	CONTROL	BURN	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							Jun-2-17	Jun-2-17	Jun-2-17	Jun-2-17	Jun-2-17	Jun-23-17	Jun-23-17	Jun-23-17	Jun-23-17	Jun-23-17	Jun-23-17	Jun-23-17
PRM Data Type																		
# Subsamples, Dec.																		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	8	9	10	11	12	13	14				
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	10.0 ab	100.0 a	100.0 a	21.3 cde	0.0 f	100.0 a	32.5 d				
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B											
	STORM	4	SL	16.0	oz/a	EPOST	B											
	ZIDUA	85	WG	1.0	oz/a	EPOST	B											
	NIS			0.25	% v/v	EPOST	B											
	CADRE	2	AS	4.0	oz/a	POST	C											
	ZIDUA	85	WG	1.0	oz/a	POST	C											
	NIS			0.25	% v/v	POST	C											
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	7.5 b	100.0 a	100.0 a	20.0 cde	15.0 bcd	100.0 a	45.0 cd				
	VALOR SX	51	WG	3.0	oz/a	PRE	A											
	STRONGARM	84	WG	0.225	oz/a	PRE	A											
	COBRA	2	EC	12.5	oz/a	POST	C											
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C											
	2,4-DB	1.75	SL	16.0	oz/a	POST	C											
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	10.0 ab	100.0 a	100.0 a	35.0 abc	12.5 de	75.0 b	45.0 cd				
	VALOR SX	51	WG	3.0	oz/a	PRE	A											
	STRONGARM	84	WG	0.225	oz/a	PRE	A											
	COBRA	2	EC	12.5	oz/a	POST	C											
	ANTHEM FLEX	4	SC	2.5	oz/a	POST	C											
	2,4-DB	1.75	SL	16.0	oz/a	POST	C											
	NIS			0.25	% v/v	POST	C											
	LSD P=.10			2.35							21.38	3.32	16.56	11.26				
	Standard Deviation			1.97				0.00	0.00	0.00	17.91	2.78	13.87	9.43				
	CV			20.26				0.0	0.0	0.0	62.91	34.81	15.34	20.6				
	Grand Mean			9.71				92.31	92.31	92.31	28.46	7.98	90.38	45.77				
	Bartlett's X2			3.264				0.0	0.0	0.0	13.281	3.317	0.0	13.371				
	P(Bartlett's X2)			0.86				.	.	.	0.275	0.651	.	0.27				
	Replicate F			5.752				0.000	0.000	0.000	7.118	1.225	1.000	7.166				
	Replicate Prob(F)			0.0025				1.0000	1.0000	1.0000	0.0007	0.3148	0.4040	0.0007				
	Treatment F			9.993				0.000	0.000	0.000	4.013	33.000	16.333	14.111				
	Treatment Prob(F)			0.0001				1.0000	1.0000	1.0000	0.0006	0.0001	0.0001	0.0001				

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University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							AMAPA ----- CONTROL PERCENT Jun-23-17	CASOB ----- CONTROL PERCENT Jun-23-17	A. GRASS ----- CONTROL PERCENT Jul-20-17	CASOB ----- CONTROL PERCENT Jul-20-17	AMAPA ----- CONTROL PERCENT Jul-20-17	AMAPA ----- CONTROL PERCENT Aug-16-17	DEDTO ----- CONTROL PERCENT Aug-16-17
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	15	16	17	18	19	20	21
1	NTC						0.0 b	0.0 d	0.0 c	0.0 b	0.0 b	0.0 b	0.0 b
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	100.0 a	93.8 ab	98.0 ab	82.5 a	100.0 a	100.0 a	100.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	100.0 a	71.3 c	99.0 a	82.5 a	100.0 a	100.0 a	100.0 a
	ANTHEM FLEX	4	SC	1.5 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	100.0 a	62.5 c	99.0 a	77.5 a	100.0 a	100.0 a	100.0 a
	ANTHEM FLEX	4	SC	2.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	100.0 a	96.3 a	99.0 a	78.8 a	100.0 a	100.0 a	100.0 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							
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	100.0 a	92.5 ab	99.0 a	75.0 a	100.0 a	100.0 a	100.0 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							
	ANTHEM FLEX	4	SC	3.5 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	100.0 a	93.8 ab	94.5 ab	85.0 a	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							
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	100.0 a	85.0 ab	99.0 a	75.0 a	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							
	ANTHEM FLEX	4	SC	3.0 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	100.0 a	82.5 b	99.0 a	68.8 a	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							
	ANTHEM FLEX	4	SC	3.5 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.5 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							

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University of Georgia

Weed Code							AMAPA	CASOB	A. GRASS	CASOB	AMAPA	AMAPA	DEDTO	
Crop Code							-----	-----	-----	-----	-----	-----	-----	
Part Rated														
Rating Data Type							CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date							Jun-23-17	Jun-23-17	Jul-20-17	Jul-20-17	Jul-20-17	Aug-16-17	Aug-16-17	
PRM Data Type														
# Subsamples, Dec.														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	15	16	17	18	19	20	21
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	70.0 c	99.0 a	72.5 a	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							
	ZIDUA	85	WG	1.0	oz/a	EPOST	B							
	NIS			0.25	% v/v	EPOST	B							
	CADRE	2	AS	4.0	oz/a	POST	C							
	ZIDUA	85	WG	1.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	97.5 a	98.0 ab	85.0 a	100.0 a	100.0 a	100.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A							
	STRONGARM	84	WG	0.225	oz/a	PRE	A							
	COBRA	2	EC	12.5	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	90.0 ab	93.0 b	77.5 a	100.0 a	100.0 a	100.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A							
	STRONGARM	84	WG	0.225	oz/a	PRE	A							
	COBRA	2	EC	12.5	oz/a	POST	C							
	ANTHEM FLEX	4	SC	2.5	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
13	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	100.0 a	97.5 a	99.0 a	85.0 a	100.0 a	100.0 a	100.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A							
	STRONGARM	84	WG	0.225	oz/a	PRE	A							
	COBRA	2	EC	12.5	oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.0	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
LSD P=.10							.	10.98	4.75	15.25	.	.	.	
Standard Deviation							0.00	9.20	3.98	12.78	0.00	0.00	0.00	
CV							0.0	11.59	4.4	17.58	0.0	0.0	0.0	
Grand Mean							92.31	79.42	90.42	72.69	92.31	92.31	92.31	
Bartlett's X2							0.0	25.418	11.748	3.26	0.0	0.0	0.0	
P(Bartlett's X2)							.	0.008*	0.008*	0.987	.	.	.	
Replicate F							0.000	2.763	0.368	0.683	0.000	0.000	0.000	
Replicate Prob(F)							1.0000	0.0560	0.7766	0.5682	1.0000	1.0000	1.0000	
Treatment F							0.000	33.151	187.582	12.331	0.000	0.000	0.000	
Treatment Prob(F)							1.0000	0.0001	0.0001	0.0001	1.0000	1.0000	1.0000	

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University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							AGRASS ----- CONTROL PERCENT Aug-16-17	----- ARAHY PLOT - YIELD LBS Sep-28-17	----- ARAHY PLOT - YIELD LBS/A Sep-28-17 TY1 - 1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	22	23	24
1	NTC							0.0 e	0.00 d	0.0 d
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		96.0 ab	11.19 abc	4178.4 abc
	VALOR SX	51	WG	3.0 oz/a	PRE	A				
	STRONGARM	84	WG	0.225 oz/a	PRE	A				
	CADRE	2	AS	4.0 oz/a	POST	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C				
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		97.0 a	11.68 ab	4360.5 ab
	ANTHEM FLEX	4	SC	1.5 oz/a	PRE	A				
	STRONGARM	84	WG	0.225 oz/a	PRE	A				
	CADRE	2	AS	4.0 oz/a	POST	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C				
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		98.0 a	11.94 ab	4458.5 ab
	ANTHEM FLEX	4	SC	2.0 oz/a	PRE	A				
	STRONGARM	84	WG	0.225 oz/a	PRE	A				
	CADRE	2	AS	4.0 oz/a	POST	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C				
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		97.0 a	9.48 c	3538.8 c
	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				
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C				
	NIS			0.25 % v/v	POST	C				
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		96.8 a	11.31 ab	4225.1 ab
	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				
	ANTHEM FLEX	4	SC	3.5 oz/a	POST	C				
	NIS			0.25 % v/v	POST	C				
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		94.8 ab	10.86 abc	4057.0 abc
	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				
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		97.0 a	11.91 ab	4449.2 ab
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B				
	STORM	4	SL	16.0 oz/a	EPOST	B				
	ANTHEM FLEX	4	SC	3.0 oz/a	EPOST	B				
	NIS			0.25 % v/v	EPOST	B				
	CADRE	2	AS	4.0 oz/a	POST	C				
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C				
	NIS			0.25 % v/v	POST	C				
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		96.0 ab	11.63 ab	4341.8 ab
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B				
	STORM	4	SL	16.0 oz/a	EPOST	B				
	ANTHEM FLEX	4	SC	3.5 oz/a	EPOST	B				
	NIS			0.25 % v/v	EPOST	B				
	CADRE	2	AS	4.0 oz/a	POST	C				
	ANTHEM FLEX	4	SC	3.5 oz/a	POST	C				
	NIS			0.25 % v/v	POST	C				

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University of Georgia

Weed Code							AGRASS	-----	-----	
Crop Code							-----	ARAHY	ARAHY	
Part Rated							CONTROL	PLOT -	PLOT -	
Rating Data Type							PERCENT	YIELD	YIELD	
Rating Unit							Aug-16-17	LBS	LBS/A	
Rating Date							Aug-16-17	Sep-28-17	Sep-28-17	
PRM Data Type								- 2	TY1	
# Subsamples, Dec.									- 1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	22	23	24
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	94.8 ab	12.29 a	4589.2 a
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B			
	STORM	4	SL	16.0	oz/a	EPOST	B			
	ZIDUA	85	WG	1.0	oz/a	EPOST	B			
	NIS			0.25	% v/v	EPOST	B			
	CADRE	2	AS	4.0	oz/a	POST	C			
	ZIDUA	85	WG	1.0	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	88.8 c	10.23 bc	3818.9 bc
	VALOR SX	51	WG	3.0	oz/a	PRE	A			
	STRONGARM	84	WG	0.225	oz/a	PRE	A			
	COBRA	2	EC	12.5	oz/a	POST	C			
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C			
	2,4-DB	1.75	SL	16.0	oz/a	POST	C			
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	85.0 d	10.64 abc	3973.0 abc
	VALOR SX	51	WG	3.0	oz/a	PRE	A			
	STRONGARM	84	WG	0.225	oz/a	PRE	A			
	COBRA	2	EC	12.5	oz/a	POST	C			
	ANTHEM FLEX	4	SC	2.5	oz/a	POST	C			
	2,4-DB	1.75	SL	16.0	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
13	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	92.5 b	11.14 abc	4159.7 abc
	VALOR SX	51	WG	3.0	oz/a	PRE	A			
	STRONGARM	84	WG	0.225	oz/a	PRE	A			
	COBRA	2	EC	12.5	oz/a	POST	C			
	ANTHEM FLEX	4	SC	3.0	oz/a	POST	C			
	2,4-DB	1.75	SL	16.0	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
LSD P=.10							3.69	1.548	578.04	
Standard Deviation							3.09	1.296	484.20	
CV							3.54	12.55	12.55	
Grand Mean							87.19	10.329	3857.69	
Bartlett's X2							6.773	18.074	18.074	
P(Bartlett's X2)							0.817	0.08	0.08	
Replicate F							0.939	5.636	5.636	
Replicate Prob(F)							0.4320	0.0028	0.0028	
Treatment F							293.886	24.313	24.313	
Treatment Prob(F)							0.0001	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 2,5,9,10,15,19,20,21 because error mean square = 0.

University of Georgia

ANTHEM FLEX FOR WEED CONTROL IN PEANUT

Trial ID: PE-04-17 Study Dir.: CRAIG HEIM
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code

CYPES = NUTSEDGE, YELLOW / CYPERUS ESCULENTUS L.
CASOB = SICKLEPOD / CASSIA OBTUSIFOLIA L.
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
DEDTO = BEGGARWÉED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.

Part Rated

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

PRM Data Type

TY1 = 373.4867*[C23]

University of Georgia

ANTHEM FLEX FOR WEED CONTROL IN PEANUT													
Trial ID: PE-04-17 Study Dir.: CRAIG HEIM Location: ATTAPULGUS Investigator: Eric P. Prostko													
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	PRM Data Type	# Subsamples, Dec.	----- ARAHY PLANT - STUNT PERCENT May-17-17	A.GRASS ----- CONTROL PERCENT May-17-17	CYPES ----- CONTROL PERCENT May-17-17	----- ARAHY PLANT - STUNTING PERCENT May-22-17	A.GRASS ----- CONTROL PERCENT May-22-17	CYPES ----- CONTROL PERCENT May-22-17
Trt	Treatment	Form	Form	Rate	Grow	Appl		1	2	3	4	5	6
No.	Name	Conc	Type	Rate	Unit	Stg	Code Plot						
1	NTC						101	0.0	0.0	0.0	0.0	0.0	0.0
							206	0.0	0.0	0.0	0.0	0.0	0.0
							305	0.0	0.0	0.0	0.0	0.0	0.0
							408	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	30.0	10.0	100.0	30.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	212	15.0	100.0	30.0	0.0	100.0	40.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	307	10.0	100.0	30.0	10.0	100.0	20.0
	CADRE	2	AS	4.0 oz/a	POST	C	410	20.0	100.0	75.0	0.0	100.0	65.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
							Mean =	13.8	100.0	41.3	5.0	100.0	38.8
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	103	15.0	100.0	50.0	10.0	100.0	50.0
	ANTHEM FLEX	4	SC	1.5 oz/a	PRE	A	213	15.0	100.0	50.0	10.0	100.0	50.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	308	20.0	100.0	50.0	10.0	100.0	60.0
	CADRE	2	AS	4.0 oz/a	POST	C	401	20.0	100.0	85.0	10.0	100.0	85.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
							Mean =	17.5	100.0	58.8	10.0	100.0	61.3
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	104	20.0	100.0	50.0	15.0	100.0	50.0
	ANTHEM FLEX	4	SC	2.0 oz/a	PRE	A	210	20.0	100.0	50.0	10.0	100.0	60.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	302	20.0	100.0	65.0	10.0	100.0	60.0
	CADRE	2	AS	4.0 oz/a	POST	C	407	20.0	100.0	95.0	10.0	100.0	85.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
							Mean =	20.0	100.0	65.0	11.3	100.0	63.8
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	105	10.0	100.0	50.0	10.0	100.0	50.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	203	15.0	100.0	50.0	10.0	100.0	60.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	310	15.0	100.0	50.0	0.0	100.0	65.0
	CADRE	2	AS	4.0 oz/a	POST	C	413	20.0	100.0	85.0	0.0	100.0	85.0
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
							Mean =	15.0	100.0	58.8	5.0	100.0	65.0
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	106	15.0	100.0	50.0	10.0	100.0	60.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	207	15.0	100.0	50.0	0.0	100.0	65.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	311	20.0	100.0	50.0	15.0	100.0	60.0
	CADRE	2	AS	4.0 oz/a	POST	C	402	20.0	100.0	65.0	15.0	100.0	60.0
	ANTHEM FLEX	4	SC	3.5 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
							Mean =	17.5	100.0	53.8	10.0	100.0	61.3
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	107	10.0	100.0	0.0	20.0	100.0	50.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	205	10.0	100.0	0.0	10.0	100.0	30.0
	STORM	4	SL	16.0 oz/a	EPOST	B	306	10.0	100.0	0.0	15.0	100.0	30.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B	403	10.0	100.0	0.0	15.0	100.0	40.0
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
							Mean =	10.0	100.0	0.0	15.0	100.0	37.5
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	108	10.0	100.0	0.0	15.0	100.0	50.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	209	10.0	100.0	0.0	10.0	100.0	40.0
	STORM	4	SL	16.0 oz/a	EPOST	B	303	10.0	100.0	0.0	15.0	100.0	50.0
	ANTHEM FLEX	4	SC	3.0 oz/a	EPOST	B	412	15.0	100.0	0.0	10.0	100.0	45.0
	NIS			0.25 % v/v	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
							Mean =	11.3	100.0	0.0	12.5	100.0	46.3

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							----- ARAHY PLANT - STUNT PERCENT May-17-17	A.GRASS ----- CONTROL PERCENT May-17-17	CYPES ----- CONTROL PERCENT May-17-17	----- ARAHY PLANT - STUNTING PERCENT May-22-17	A.GRASS ----- CONTROL PERCENT May-22-17	CYPES ----- CONTROL PERCENT May-22-17
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code Code Plot	1	2	3	4	5	6
9 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	109	10.0	100.0	0.0	10.0	100.0	40.0
GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	208	10.0	100.0	0.0	10.0	100.0	30.0
STORM	4	SL	16.0 oz/a	EPOST	B	312	10.0	100.0	0.0	10.0	100.0	30.0
ANTHEM FLEX	4	SC	3.5 oz/a	EPOST	B	409	10.0	100.0	0.0	15.0	100.0	40.0
NIS			0.25 % v/v	EPOST	B							
CADRE	2	AS	4.0 oz/a	POST	C							
ANTHEM FLEX	4	SC	3.5 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							10.0	100.0	0.0	11.3	100.0	35.0
10 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	110	10.0	100.0	0.0	15.0	100.0	40.0
GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	202	10.0	100.0	0.0	15.0	100.0	40.0
STORM	4	SL	16.0 oz/a	EPOST	B	304	10.0	100.0	0.0	15.0	100.0	30.0
ZIDUA	85	WG	1.0 oz/a	EPOST	B	405	15.0	100.0	0.0	10.0	100.0	30.0
NIS			0.25 % v/v	EPOST	B							
CADRE	2	AS	4.0 oz/a	POST	C							
ZIDUA	85	WG	1.0 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							11.3	100.0	0.0	13.8	100.0	35.0
11 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	111	15.0	100.0	50.0	15.0	100.0	50.0
VALOR SX	51	WG	3.0 oz/a	PRE	A	204	15.0	100.0	40.0	10.0	100.0	45.0
STRONGARM	84	WG	0.225 oz/a	PRE	A	301	15.0	100.0	30.0	15.0	100.0	20.0
COBRA	2	EC	12.5 oz/a	POST	C	406	20.0	100.0	50.0	20.0	100.0	40.0
DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
2,4-DB	1.75	SL	16.0 oz/a	POST	C							
Mean =							16.3	100.0	42.5	15.0	100.0	38.8
12 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	112	10.0	100.0	50.0	15.0	100.0	60.0
VALOR SX	51	WG	3.0 oz/a	PRE	A	201	15.0	100.0	30.0	10.0	100.0	50.0
STRONGARM	84	WG	0.225 oz/a	PRE	A	313	10.0	100.0	50.0	10.0	100.0	50.0
COBRA	2	EC	12.5 oz/a	POST	C	411	15.0	100.0	65.0	10.0	100.0	65.0
ANTHEM FLEX	4	SC	2.5 oz/a	POST	C							
2,4-DB	1.75	SL	16.0 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							12.5	100.0	48.8	11.3	100.0	56.3
13 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	113	15.0	100.0	40.0	10.0	100.0	50.0
VALOR SX	51	WG	3.0 oz/a	PRE	A	211	15.0	100.0	40.0	10.0	100.0	50.0
STRONGARM	84	WG	0.225 oz/a	PRE	A	309	15.0	100.0	65.0	10.0	100.0	65.0
COBRA	2	EC	12.5 oz/a	POST	C	404	20.0	100.0	50.0	15.0	100.0	50.0
ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
2,4-DB	1.75	SL	16.0 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							16.3	100.0	48.8	11.3	100.0	53.8

University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							CASOB ----- CONTROL PERCENT May-22-17	----- ARAHY PLANT - STUNTING PERCENT Jun-2-17	A.GRASS ----- CONTROL PERCENT Jun-2-17	AMAPA ----- CONTROL PERCENT Jun-2-17	CYPSP ----- CONTROL PERCENT Jun-2-17	----- ARAHY LEAF - BURN PERCENT Jun-23-17		
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
								206	0.0	0.0	0.0	0.0	0.0	0.0
								305	0.0	0.0	0.0	0.0	0.0	0.0
								408	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	100.0	100.0	100.0	100.0	100.0	30.0	0.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	212	100.0	10.0	100.0	100.0	100.0	0.0	0.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	307	100.0	10.0	100.0	100.0	100.0	0.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	C	410	100.0	10.0	100.0	100.0	100.0	60.0	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C								
								Mean =	100.0	10.0	100.0	100.0	22.5	0.0
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	103	50.0	10.0	100.0	100.0	100.0	40.0	0.0
	ANTHEM FLEX	4	SC	1.5 oz/a	PRE	A	213	85.0	15.0	100.0	100.0	100.0	20.0	0.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	308	50.0	10.0	100.0	100.0	100.0	50.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	C	401	50.0	10.0	100.0	100.0	100.0	85.0	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C								
								Mean =	58.8	11.3	100.0	100.0	48.8	0.0
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	104	95.0	10.0	100.0	100.0	100.0	50.0	0.0
	ANTHEM FLEX	4	SC	2.0 oz/a	PRE	A	210	60.0	15.0	100.0	100.0	100.0	40.0	0.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	302	0.0	10.0	100.0	100.0	100.0	50.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	C	407	50.0	10.0	100.0	100.0	100.0	90.0	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C								
								Mean =	51.3	11.3	100.0	100.0	57.5	0.0
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	105	100.0	10.0	100.0	100.0	100.0	50.0	20.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	203	100.0	10.0	100.0	100.0	100.0	30.0	15.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	310	100.0	10.0	100.0	100.0	100.0	40.0	20.0
	CADRE	2	AS	4.0 oz/a	POST	C	413	100.0	15.0	100.0	100.0	100.0	80.0	20.0
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C								
	NIS			0.25 % v/v	POST	C								
								Mean =	100.0	11.3	100.0	100.0	50.0	18.8
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	106	100.0	10.0	100.0	100.0	100.0	50.0	20.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	207	100.0	15.0	100.0	100.0	100.0	50.0	10.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	311	100.0	10.0	100.0	100.0	100.0	50.0	15.0
	CADRE	2	AS	4.0 oz/a	POST	C	402	100.0	10.0	100.0	100.0	100.0	40.0	10.0
	ANTHEM FLEX	4	SC	3.5 oz/a	POST	C								
	NIS			0.25 % v/v	POST	C								
								Mean =	100.0	11.3	100.0	100.0	47.5	13.8
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	107	95.0	10.0	100.0	100.0	100.0	30.0	0.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	205	100.0	10.0	100.0	100.0	100.0	0.0	0.0
	STORM	4	SL	16.0 oz/a	EPOST	B	306	100.0	10.0	100.0	100.0	100.0	0.0	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B	403	100.0	10.0	100.0	100.0	100.0	0.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	C								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C								
								Mean =	98.8	10.0	100.0	100.0	7.5	0.0
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	108	100.0	10.0	100.0	100.0	100.0	30.0	20.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	209	60.0	15.0	100.0	100.0	100.0	0.0	15.0
	STORM	4	SL	16.0 oz/a	EPOST	B	303	50.0	10.0	100.0	100.0	100.0	20.0	15.0
	ANTHEM FLEX	4	SC	3.0 oz/a	EPOST	B	412	100.0	10.0	100.0	100.0	100.0	30.0	20.0
	NIS			0.25 % v/v	EPOST	B								
	CADRE	2	AS	4.0 oz/a	POST	C								
	ANTHEM FLEX	4	SC	3.0 oz/a	POST	C								
	NIS			0.25 % v/v	POST	C								
								Mean =	77.5	11.3	100.0	100.0	20.0	17.5

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							CASOB ----- CONTROL PERCENT May-22-17	----- ARAHY PLANT - STUNTING PERCENT Jun-2-17	A.GRASS ----- CONTROL PERCENT Jun-2-17	AMAPA ----- CONTROL PERCENT Jun-2-17	CYPSP ----- CONTROL PERCENT Jun-2-17	----- ARAHY LEAF - BURN PERCENT Jun-23-17
Trt Treatment No. Name	Form Form Conc Type	Rate Rate Unit	Grow Stg	Appl Code Plot			7	8	9	10	11	12
9 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 109			100.0	10.0	100.0	100.0	20.0	10.0
GRAMOXONE	2 SL	12.0 oz/a	EPOST	B 208			100.0	15.0	100.0	100.0	0.0	15.0
STORM	4 SL	16.0 oz/a	EPOST	B 312			0.0	10.0	100.0	100.0	0.0	20.0
ANTHEM FLEX	4 SC	3.5 oz/a	EPOST	B 409			50.0	10.0	100.0	100.0	30.0	20.0
NIS		0.25 % v/v	EPOST	B								
CADRE	2 AS	4.0 oz/a	POST	C								
ANTHEM FLEX	4 SC	3.5 oz/a	POST	C								
NIS		0.25 % v/v	POST	C								
					Mean =		62.5	11.3	100.0	100.0	12.5	16.3
10 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 110			100.0	10.0	100.0	100.0	0.0	0.0
GRAMOXONE	2 SL	12.0 oz/a	EPOST	B 202			50.0	10.0	100.0	100.0	0.0	0.0
STORM	4 SL	16.0 oz/a	EPOST	B 304			100.0	10.0	100.0	100.0	0.0	0.0
ZIDUA	85 WG	1.0 oz/a	EPOST	B 405			75.0	10.0	100.0	100.0	85.0	0.0
NIS		0.25 % v/v	EPOST	B								
CADRE	2 AS	4.0 oz/a	POST	C								
ZIDUA	85 WG	1.0 oz/a	POST	C								
NIS		0.25 % v/v	POST	C								
					Mean =		81.3	10.0	100.0	100.0	21.3	0.0
11 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 111			50.0	10.0	100.0	100.0	30.0	10.0
VALOR SX	51 WG	3.0 oz/a	PRE	A 204			100.0	10.0	100.0	100.0	30.0	10.0
STRONGARM	84 WG	0.225 oz/a	PRE	A 301			100.0	0.0	100.0	100.0	0.0	20.0
COBRA	2 EC	12.5 oz/a	POST	C 406			75.0	10.0	100.0	100.0	20.0	20.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C								
2,4-DB	1.75 SL	16.0 oz/a	POST	C								
					Mean =		81.3	7.5	100.0	100.0	20.0	15.0
12 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 112			50.0	10.0	100.0	100.0	40.0	10.0
VALOR SX	51 WG	3.0 oz/a	PRE	A 201			0.0	10.0	100.0	100.0	10.0	15.0
STRONGARM	84 WG	0.225 oz/a	PRE	A 313			0.0	10.0	100.0	100.0	40.0	10.0
COBRA	2 EC	12.5 oz/a	POST	C 411			100.0	10.0	100.0	100.0	50.0	15.0
ANTHEM FLEX	4 SC	2.5 oz/a	POST	C								
2,4-DB	1.75 SL	16.0 oz/a	POST	C								
NIS		0.25 % v/v	POST	C								
					Mean =		37.5	10.0	100.0	100.0	35.0	12.5
13 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 113			50.0	10.0	100.0	100.0	30.0	10.0
VALOR SX	51 WG	3.0 oz/a	PRE	A 211			100.0	15.0	100.0	100.0	0.0	10.0
STRONGARM	84 WG	0.225 oz/a	PRE	A 309			100.0	10.0	100.0	100.0	60.0	10.0
COBRA	2 EC	12.5 oz/a	POST	C 404			100.0	10.0	100.0	100.0	20.0	10.0
ANTHEM FLEX	4 SC	3.0 oz/a	POST	C								
2,4-DB	1.75 SL	16.0 oz/a	POST	C								
NIS		0.25 % v/v	POST	C								
					Mean =		87.5	11.3	100.0	100.0	27.5	10.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							AGRASS ----- CONTROL PERCENT Jun-23-17	CYPSP ----- CONTROL PERCENT Jun-23-17	AMAPA ----- CONTROL PERCENT Jun-23-17	CASOB ----- CONTROL PERCENT Jun-23-17	A. GRASS ----- CONTROL PERCENT Jul-20-17	CASOB ----- CONTROL PERCENT Jul-20-17		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	13	14	15	16	17	18
1	NTC							101	0.0	0.0	0.0	0.0	0.0	0.0
								206	0.0	0.0	0.0	0.0	0.0	0.0
								305	0.0	0.0	0.0	0.0	0.0	0.0
								408	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	100.0	50.0	100.0	95.0	95.0	65.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	212	100.0	30.0	100.0	95.0	99.0	75.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	307	100.0	30.0	100.0	95.0	99.0	95.0
	CADRE	2	AS	4.0	oz/a	POST	C	410	100.0	75.0	100.0	90.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
								Mean =	100.0	46.3	100.0	93.8	98.0	82.5
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	100.0	50.0	100.0	50.0	99.0	95.0
	ANTHEM FLEX	4	SC	1.5	oz/a	PRE	A	213	100.0	50.0	100.0	85.0	99.0	65.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	308	100.0	60.0	100.0	75.0	99.0	95.0
	CADRE	2	AS	4.0	oz/a	POST	C	401	100.0	85.0	100.0	75.0	99.0	75.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
								Mean =	100.0	61.3	100.0	71.3	99.0	82.5
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	100.0	60.0	100.0	50.0	99.0	75.0
	ANTHEM FLEX	4	SC	2.0	oz/a	PRE	A	210	100.0	60.0	100.0	85.0	99.0	95.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	302	100.0	65.0	100.0	50.0	99.0	65.0
	CADRE	2	AS	4.0	oz/a	POST	C	407	100.0	85.0	100.0	65.0	99.0	75.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
								Mean =	100.0	67.5	100.0	62.5	99.0	77.5
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	100.0	65.0	100.0	100.0	99.0	75.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	203	100.0	50.0	100.0	95.0	99.0	85.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	310	100.0	60.0	100.0	95.0	99.0	65.0
	CADRE	2	AS	4.0	oz/a	POST	C	413	100.0	85.0	100.0	95.0	99.0	90.0
	ANTHEM FLEX	4	SC	3.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	100.0	65.0	100.0	96.3	99.0	78.8
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	100.0	60.0	100.0	100.0	99.0	85.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	207	100.0	65.0	100.0	90.0	99.0	65.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	311	100.0	65.0	100.0	85.0	99.0	85.0
	CADRE	2	AS	4.0	oz/a	POST	C	402	100.0	60.0	100.0	95.0	99.0	65.0
	ANTHEM FLEX	4	SC	3.5	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	100.0	62.5	100.0	92.5	99.0	75.0
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	100.0	50.0	100.0	95.0	99.0	95.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	205	100.0	30.0	100.0	100.0	95.0	85.0
	STORM	4	SL	16.0	oz/a	EPOST	B	306	100.0	30.0	100.0	85.0	99.0	75.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	403	100.0	40.0	100.0	95.0	85.0	85.0
	CADRE	2	AS	4.0	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
								Mean =	100.0	37.5	100.0	93.8	94.5	85.0
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	100.0	50.0	100.0	95.0	99.0	75.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	209	100.0	30.0	100.0	95.0	99.0	65.0
	STORM	4	SL	16.0	oz/a	EPOST	B	303	100.0	40.0	100.0	65.0	99.0	65.0
	ANTHEM FLEX	4	SC	3.0	oz/a	EPOST	B	412	100.0	50.0	100.0	85.0	99.0	95.0
	NIS			0.25	% v/v	EPOST	B							
	CADRE	2	AS	4.0	oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	100.0	42.5	100.0	85.0	99.0	75.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.							AGRASS ----- CONTROL PERCENT Jun-23-17	CYPSP ----- CONTROL PERCENT Jun-23-17	AMAPA ----- CONTROL PERCENT Jun-23-17	CASOB ----- CONTROL PERCENT Jun-23-17	A. GRASS ----- CONTROL PERCENT Jul-20-17	CASOB ----- CONTROL PERCENT Jul-20-17
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code Plot	13	14	15	16	17	18
9 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	109	100.0	40.0	100.0	95.0	99.0	65.0
GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	208	100.0	40.0	100.0	95.0	99.0	85.0
STORM	4	SL	16.0 oz/a	EPOST	B	312	100.0	30.0	100.0	65.0	99.0	75.0
ANTHEM FLEX	4	SC	3.5 oz/a	EPOST	B	409	100.0	50.0	100.0	75.0	99.0	50.0
NIS			0.25 % v/v	EPOST	B							
CADRE	2	AS	4.0 oz/a	POST	C							
ANTHEM FLEX	4	SC	3.5 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							100.0	40.0	100.0	82.5	99.0	68.8
10 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	110	100.0	30.0	100.0	65.0	99.0	65.0
GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	202	100.0	40.0	100.0	65.0	99.0	65.0
STORM	4	SL	16.0 oz/a	EPOST	B	304	100.0	30.0	100.0	65.0	99.0	65.0
ZIDUA	85	WG	1.0 oz/a	EPOST	B	405	100.0	30.0	100.0	85.0	99.0	95.0
NIS			0.25 % v/v	EPOST	B							
CADRE	2	AS	4.0 oz/a	POST	C							
ZIDUA	85	WG	1.0 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							100.0	32.5	100.0	70.0	99.0	72.5
11 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	111	100.0	50.0	100.0	100.0	99.0	70.0
VALOR SX	51	WG	3.0 oz/a	PRE	A	204	100.0	50.0	100.0	95.0	95.0	90.0
STRONGARM	84	WG	0.225 oz/a	PRE	A	301	100.0	30.0	100.0	100.0	99.0	85.0
COBRA	2	EC	12.5 oz/a	POST	C	406	100.0	50.0	100.0	95.0	99.0	95.0
DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
2,4-DB	1.75	SL	16.0 oz/a	POST	C							
Mean =							100.0	45.0	100.0	97.5	98.0	85.0
12 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	112	100.0	50.0	100.0	95.0	99.0	90.0
VALOR SX	51	WG	3.0 oz/a	PRE	A	201	100.0	40.0	100.0	90.0	99.0	65.0
STRONGARM	84	WG	0.225 oz/a	PRE	A	313	0.0	30.0	100.0	75.0	75.0	60.0
COBRA	2	EC	12.5 oz/a	POST	C	411	100.0	60.0	100.0	100.0	99.0	95.0
ANTHEM FLEX	4	SC	2.5 oz/a	POST	C							
2,4-DB	1.75	SL	16.0 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							75.0	45.0	100.0	90.0	93.0	77.5
13 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	113	100.0	50.0	100.0	100.0	99.0	85.0
VALOR SX	51	WG	3.0 oz/a	PRE	A	211	100.0	40.0	100.0	95.0	99.0	75.0
STRONGARM	84	WG	0.225 oz/a	PRE	A	309	100.0	60.0	100.0	100.0	99.0	95.0
COBRA	2	EC	12.5 oz/a	POST	C	404	100.0	50.0	100.0	95.0	99.0	85.0
ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
2,4-DB	1.75	SL	16.0 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							100.0	50.0	100.0	97.5	99.0	85.0

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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 Jul-20-17	AMAPA ----- CONTROL PERCENT Aug-16-17	DEDTO ----- CONTROL PERCENT Aug-16-17	AGRASS ----- CONTROL PERCENT Aug-16-17	----- ARAHY PLOT - YIELD LBS Sep-28-17	----- ARAHY PLOT - YIELD LBS/A Sep-28-17 TY1 - 1		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	19	20	21	22	23	24
1	NTC							101	0.0	0.0	0.0	0.0	0.00	0.0
								206	0.0	0.0	0.0	0.0	0.00	0.0
								305	0.0	0.0	0.0	0.0	0.00	0.0
								408	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	95.0	12.05	4500.5
	VALOR SX	51	WG	3.0	oz/a	PRE	A	212	100.0	100.0	100.0	99.0	11.85	4425.8
	STRONGARM	84	WG	0.225	oz/a	PRE	A	307	100.0	100.0	100.0	95.0	12.55	4687.3
	CADRE	2	AS	4.0	oz/a	POST	C	410	100.0	100.0	100.0	95.0	8.30	3099.9
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	96.0	11.19	4178.4
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	100.0	100.0	100.0	95.0	11.40	4257.7
	ANTHEM FLEX	4	SC	1.5	oz/a	PRE	A	213	100.0	100.0	100.0	99.0	12.35	4612.6
	STRONGARM	84	WG	0.225	oz/a	PRE	A	308	100.0	100.0	100.0	95.0	11.50	4295.1
	CADRE	2	AS	4.0	oz/a	POST	C	401	100.0	100.0	100.0	99.0	11.45	4276.4
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	97.0	11.68	4360.5
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	100.0	100.0	100.0	95.0	9.85	3678.8
	ANTHEM FLEX	4	SC	2.0	oz/a	PRE	A	210	100.0	100.0	100.0	99.0	14.45	5396.9
	STRONGARM	84	WG	0.225	oz/a	PRE	A	302	100.0	100.0	100.0	99.0	12.80	4780.6
	CADRE	2	AS	4.0	oz/a	POST	C	407	100.0	100.0	100.0	99.0	10.65	3977.6
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	98.0	11.94	4458.5
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	100.0	100.0	100.0	99.0	8.85	3305.4
	VALOR SX	51	WG	3.0	oz/a	PRE	A	203	100.0	100.0	100.0	95.0	10.70	3996.3
	STRONGARM	84	WG	0.225	oz/a	PRE	A	310	100.0	100.0	100.0	95.0	9.40	3510.8
	CADRE	2	AS	4.0	oz/a	POST	C	413	100.0	100.0	100.0	99.0	8.95	3342.7
	ANTHEM FLEX	4	SC	3.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	100.0	100.0	100.0	97.0	9.48	3538.8
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	100.0	100.0	100.0	99.0	9.40	3510.8
	VALOR SX	51	WG	3.0	oz/a	PRE	A	207	100.0	100.0	100.0	99.0	12.60	4705.9
	STRONGARM	84	WG	0.225	oz/a	PRE	A	311	100.0	100.0	100.0	90.0	12.65	4724.6
	CADRE	2	AS	4.0	oz/a	POST	C	402	100.0	100.0	100.0	99.0	10.60	3959.0
	ANTHEM FLEX	4	SC	3.5	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	100.0	100.0	100.0	96.8	11.31	4225.1
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	100.0	100.0	100.0	95.0	10.05	3753.5
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	205	100.0	100.0	100.0	90.0	8.60	3212.0
	STORM	4	SL	16.0	oz/a	EPOST	B	306	100.0	100.0	100.0	95.0	13.70	5116.8
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	403	100.0	100.0	100.0	99.0	11.10	4145.7
	CADRE	2	AS	4.0	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
								Mean =	100.0	100.0	100.0	94.8	10.86	4057.0
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	100.0	100.0	100.0	99.0	9.30	3473.4
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	209	100.0	100.0	100.0	95.0	12.70	4743.3
	STORM	4	SL	16.0	oz/a	EPOST	B	303	100.0	100.0	100.0	99.0	15.25	5695.7
	ANTHEM FLEX	4	SC	3.0	oz/a	EPOST	B	412	100.0	100.0	100.0	95.0	10.40	3884.3
	NIS			0.25	% v/v	EPOST	B							
	CADRE	2	AS	4.0	oz/a	POST	C							
	ANTHEM FLEX	4	SC	3.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	100.0	100.0	100.0	97.0	11.91	4449.2

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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 Jul-20-17	AMAPA ----- CONTROL PERCENT Aug-16-17	DEDTO ----- CONTROL PERCENT Aug-16-17	AGRASS ----- CONTROL PERCENT Aug-16-17	----- ARAHY PLOT - YIELD LBS Sep-28-17 - 2	----- ARAHY PLOT - YIELD LBS/A Sep-28-17 TY1 - 1
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code Plot	19	20	21	22	23	24
9 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	109	100.0	100.0	100.0	95.0	9.65	3604.1
GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	208	100.0	100.0	100.0	99.0	13.60	5079.4
STORM	4	SL	16.0 oz/a	EPOST	B	312	100.0	100.0	100.0	95.0	12.15	4537.9
ANTHEM FLEX	4	SC	3.5 oz/a	EPOST	B	409	100.0	100.0	100.0	95.0	11.10	4145.7
NIS			0.25 % v/v	EPOST	B							
CADRE	2	AS	4.0 oz/a	POST	C							
ANTHEM FLEX	4	SC	3.5 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							100.0	100.0	100.0	96.0	11.63	4341.8
10 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	110	100.0	100.0	100.0	90.0	12.35	4612.6
GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	202	100.0	100.0	100.0	95.0	12.10	4519.2
STORM	4	SL	16.0 oz/a	EPOST	B	304	100.0	100.0	100.0	99.0	12.75	4762.0
ZIDUA	85	WG	1.0 oz/a	EPOST	B	405	100.0	100.0	100.0	95.0	11.95	4463.2
NIS			0.25 % v/v	EPOST	B							
CADRE	2	AS	4.0 oz/a	POST	C							
ZIDUA	85	WG	1.0 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							100.0	100.0	100.0	94.8	12.29	4589.2
11 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	111	100.0	100.0	100.0	85.0	10.95	4089.7
VALOR SX	51	WG	3.0 oz/a	PRE	A	204	100.0	100.0	100.0	95.0	10.80	4033.7
STRONGARM	84	WG	0.225 oz/a	PRE	A	301	100.0	100.0	100.0	85.0	11.10	4145.7
COBRA	2	EC	12.5 oz/a	POST	C	406	100.0	100.0	100.0	90.0	8.05	3006.6
DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
2,4-DB	1.75	SL	16.0 oz/a	POST	C							
Mean =							100.0	100.0	100.0	88.8	10.23	3818.9
12 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	112	100.0	100.0	100.0	90.0	10.55	3940.3
VALOR SX	51	WG	3.0 oz/a	PRE	A	201	100.0	100.0	100.0	85.0	10.60	3959.0
STRONGARM	84	WG	0.225 oz/a	PRE	A	313	100.0	100.0	100.0	80.0	11.85	4425.8
COBRA	2	EC	12.5 oz/a	POST	C	411	100.0	100.0	100.0	85.0	9.55	3566.8
ANTHEM FLEX	4	SC	2.5 oz/a	POST	C							
2,4-DB	1.75	SL	16.0 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							100.0	100.0	100.0	85.0	10.64	3973.0
13 PROWL H20	3.8	SC	32.0 oz/a	PRE	A	113	100.0	100.0	100.0	90.0	11.00	4108.4
VALOR SX	51	WG	3.0 oz/a	PRE	A	211	100.0	100.0	100.0	90.0	10.75	4015.0
STRONGARM	84	WG	0.225 oz/a	PRE	A	309	100.0	100.0	100.0	95.0	10.60	3959.0
COBRA	2	EC	12.5 oz/a	POST	C	404	100.0	100.0	100.0	95.0	12.20	4556.5
ANTHEM FLEX	4	SC	3.0 oz/a	POST	C							
2,4-DB	1.75	SL	16.0 oz/a	POST	C							
NIS			0.25 % v/v	POST	C							
Mean =							100.0	100.0	100.0	92.5	11.14	4159.7

University of Georgia

ANTHEM FLEX FOR WEED CONTROL IN PEANUT

Trial ID: PE-04-17 Study Dir.: CRAIG HEIM
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code

CYPES = NUTSEDGE, YELLOW / CYPERUS ESCULENTUS L.
CASOB = SICKLEPOD / CASSIA OBTUSIFOLIA L.
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.

Part Rated

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

PRM Data Type

TY1 = 373.4867*[C23]