

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE

IN PEANUT

Trial ID: PE-12-20 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM 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	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC									-	101	209	312	408
2	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1472.8 mL	102	210	301	405
	VALOR SX	51	WG	3.0	oz/a	PRE	A	15 GPA	2.247 g/mx					
	ULTRA BLAZER	2	SL	24.0	oz/a	POST	C	15 GAL/AC	18.75 mL/mx	1462.7 mL				
	ANTHEM FLEX	4	SL	3.0	oz/a	POST	C	15 GAL/AC	2.343 mL/mx					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx					
3	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1472.8 mL	103	208	302	404
	VALOR SX	51	WG	3.0	oz/a	PRE	A	15 GPA	2.247 g/mx					
	ULTRA BLAZER	2	SL	24.0	oz/a	POST	C	15 GAL/AC	18.75 mL/mx	1462.3 mL				
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C	15 GAL/AC	2.734 mL/mx					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx					
4	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1475 mL	104	207	304	407
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	15 GAL/AC	6.249 mL/mx	1475.2 mL				
	ANTHEM FLEX	4	SL	3.0	oz/a	EPOST	B	15 GAL/AC	2.343 mL/mx					
	STORM	4	SL	16.0	oz/a	EPOST	B	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25	% v/v	EPOST	B	15 GAL/AC	3.75 mL/mx					
	CADRE	4	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1480.6 mL				
	2,4-DB	1.75	SL	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx					
5	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1475 mL	105	206	307	403
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	15 GAL/AC	6.249 mL/mx	1474.8 mL				
	ANTHEM FLEX	4	SL	3.5	oz/a	EPOST	B	15 GAL/AC	2.734 mL/mx					
	STORM	4	SL	16.0	oz/a	EPOST	B	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25	% v/v	EPOST	B	15 GAL/AC	3.75 mL/mx					
	CADRE	4	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1480.6 mL				
	2,4-DB	1.75	SL	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx					
6	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1472.8 mL	106	203	309	411
	VALOR SX	51	WG	3.0	oz/a	PRE	A	15 GPA	2.247 g/mx					
	CADRE	4	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1478.3 mL				
	ANTHEM FLEX	4	SL	3.0	oz/a	POST	C	15 GAL/AC	2.343 mL/mx					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx					
7	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1475 mL	107	211	310	401
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	15 GAL/AC	6.249 mL/mx	1475.2 mL				
	ANTHEM FLEX	4	SL	3.0	oz/a	EPOST	B	15 GAL/AC	2.343 mL/mx					
	STORM	4	SL	16.0	oz/a	EPOST	B	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25	% v/v	EPOST	B	15 GAL/AC	3.75 mL/mx					
	CADRE	4	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1478.3 mL				
	ANTHEM FLEX	4	SL	3.0	oz/a	POST	C	15 GAL/AC	2.343 mL/mx					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx					
8	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1472.8 mL	108	212	305	409
	VALOR SX	51	WG	3.0	oz/a	PRE	A	15 GPA	2.247 g/mx					
	CADRE	4	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1477.9 mL				
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C	15 GAL/AC	2.734 mL/mx					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx					

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IN PEANUT

Trial ID: PE-12-20 Study Dir.: BLAIR COLVIN
Location: PONDER FARM 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 Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3	4
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1475 mL	109	204	311	410
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	15 GAL/AC	6.249 mL/mx	1474.8 mL				
	ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B	15 GAL/AC	2.734 mL/mx					
	STORM	4	SL	16.0 oz/a	EPOST	B	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25 % v/v	EPOST	B	15 GAL/AC	3.75 mL/mx					
	CADRE	4	AS	4.0 oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1477.9 mL				
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C	15 GAL/AC	2.734 mL/mx					
	2,4-DB	1.75	SL	16.0 oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
	INDUCE			0.25 % v/v	POST	C	15 GAL/AC	3.75 mL/mx					
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1472.8 mL	110	202	308	412
	VALOR SX	51	WG	3.0 oz/a	PRE	A	15 GPA	2.247 g/mx					
	CADRE	4	AS	4.0 oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1471.9 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	16.0 oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1475 mL	111	201	306	402
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	15 GAL/AC	6.249 mL/mx	1468.8 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B	15 GAL/AC	12.5 mL/mx					
	STORM	4	SL	16.0 oz/a	EPOST	B	15 GAL/AC	12.5 mL/mx					
	CADRE	4	AS	4.0 oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1471.9 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	16.0 oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
12	NTC								-	112	205	303	406

Sort Order: Treatment

Trial Comments

ANTHEM FLEX IS FORMULATED AS AN SE NOT SL BUT ARM PROGRAM DOES NOT RECOGNIZE SE.

ANTHEM FLEX 4SE = PYROXASULFONE (3.733 LBS/GAL) + CARFENTRAZONE (0.267 LBS/GAL)

DIGGING DATE: SEPTEMBER 30

HARVEST DATE: OCTOBER 5

HARVEST MOISTURE: 13.3%

YIELDS ADJUSTED TO 10%

2% YIELD DEDUCTION FOR FM

SUMMARY:

- 1) ANTHEM FLEX ADDITIONS TO CADRE INCREASED PEANUT INJURY COMPARED TO DUAL MAGNUM.
- 2) PEANUT WEED CONTROL PROGRAMS THAT INCLUDED DUAL MAGNUM OR ANTHEM FLEX PROVIDED SIMILAR LEVELS OF WEED CONTROL.
- 3) POST ULTRA BLAZER PROGRAMS WERE LESS EFFECTIVE THAN CADRE PROGRAMS.
- 4) ALL HERBICIDE PROGRAMS RESULTED IN YIELDS GREATER THAN THE NTC. THERE WAS NO DIFFERENCE IN YIELD BETWEEN VALOR/CADRE/DUAL MAGNUM STANDARD PROGRAM AND VALOR/CADRE/ ANTHEM FLEX PROGRAMS. ALSO, NO DIFFERENCES IN YIELD WERE OBSERVED BETWEEN GRAMOXONE + STORM + DUAL MAGNUM STANDARD PROGRAM AND GRAMOXONE + STORM + ANTHEM FLEX PROGRAMS.
- 5) YIELDS IN ULTRA BLAZER BASED PROGRAMS WERE LOWER THAN SIMILAR CADRE BASED PROGRAMS. PERHAPS A COMBINATION OF CROP INJURY AND/OR LESS OVERALL WEED CONTROL (ANNUAL MG)?

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT Trial ID: PE-12-20 Study Dir.: BLAIR COLVIN Location: PONDER FARM Investigator: Eric P. Prostko			
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Study Director: BLAIR COLVIN **Title:** _____
Affiliation: _____ **Postal Code:** _____

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

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

Objective: _____

Conclusions: _____

Weed 1.	AMAPA	PALMER AMARANTH	Weed 2.	AGRASS	TX PAN;CROW;GOOSE;CRAB
Weed 3.	DEDTO	FL BEGGARWEED	Weed 4.	RAPRA	WILD RADISH
Weed 5.	IPOLA	PITTED MG	Weed 6.	CYPES	YELLOW NUTSEDGE

Crop 1:	ARAHY	PEANUT	Variety:	GA-16HO	Planting Date:	May-12-20
Planting Method:	MONOSEM	TWIN ROW	Rate:	3.1	SEED/FT	Depth: 2 IN
Perennial Age:	_____	Row Spacing:	_____	Seed Bed:	_____	
Soil Temperature:	_____	Soil Moisture:	OPTIMUM	Emergence Date:	_____	

Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOB1
Trial Initiation Comments: 1 TON/A LIME PREPLANT; 300 LB/A 5-15-30 PREPLANT;
 RANCONA SEED TRT; THIMET INFR; 36"-9" TWIN ROWS; 1000 LBS/A GYPSUM

Previous: Crops	Pesticides	Year
1. COTTON		2019

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

Texture: SAND **% OM:** 0.61 **% Sand:** 94 **% Silt:** 4 **% Clay:** 2
pH: 6.0 **CEC:** 2.5 **Soil Name:** TIFTON **Fertility Level:** GOOD

On: Date	Time	Amount Unit	Type	Interval Unit
1. May-13-20		0.5	IN SPRINKLER - LATERAL MOVE	
2. May-14-20		0.5	IN SPRINKLER - LATERAL MOVE	
3. May-17-20		0.11	IN RAINFALL	
4. May-20-20		1.3	IN RAINFALL	
5. May-22-20		1.2	IN RAINFALL	
6. May-26-20		0.26	IN RAINFALL	
7. May-28-20		0.41	IN RAINFALL	
8. May-29-20		0.19	IN RAINFALL	
9. Jun-6-20		0.07	IN RAINFALL	
10. Jun-7-20		0.59	IN RAINFALL	
11. Jun-9-20		0.15	IN RAINFALL	
12. Jun-12-20		2.67	IN RAINFALL	
13. Jun-19-20		0.5	IN SPRINKLER - LATERAL MOVE	
14. Jun-22-20		0.61	IN RAINFALL	
15. Jun-24-20		0.65	IN SPRINKLER - LATERAL MOVE	
16. Jun-29-20		0.65	IN SPRINKLER - LATERAL MOVE	
17. Jul-5-20		0.5	IN RAINFALL	
18. Jul-6-20		0.5	IN RAINFALL	
19.				

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE

IN PEANUT

Trial ID: PE-12-20 Study Dir.: BLAIR COLVIN
Location: PONDER FARM Investigator: Eric P. Prostko

Overall Moisture Conditions:

Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	May-13-20	May-25-20	Jun-5-20			
Time of Day:	7:30 AM	7:30 AM	7:30 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	EPOST	POST			
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE			
Air Temp., Unit:	60 F	73 F	74 F			
% Relative Humidity:	90	91	87			
Wind Velocity, Unit:	1 MPH	1 MPH	0 MPH			
Dew Presence (Y/N):	N	Y	Y			
Water Hardness:	---	---	---			
Soil Temp., Unit:	68 F	75 F	78 F			
Soil Moisture:	OPTIMUM	WET	OPTIMUM			
% Cloud Cover:	0	100	0			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage:	ARAHY	2" T;3"W	5"T;6"W			
Stage Scale:		V3-V4	V6-V7			
Height, Unit:						

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 Stage:	AMAPA	0.5-1"				
Stage Scale:		2-4LF				
Density, Unit:						
Weed 2 Stage:	AGRASS	1-2"				
Stage Scale:		1-2 LF				
Density, Unit:						
Weed 3 Stage:	DEDTO	0.5"				
Stage Scale:		COT-1LF				
Density, Unit:						
Weed 4 Stage:	RAPRA	0.5-1"	1-2"			
Stage Scale:		2 LF				
Density, Unit:						
Weed 5 Stage:	IPOLA		2-3"			
Stage Scale:			3-5 LF			
Density, Unit:						
Weed 6 Stage:	CYPES		5-8"			
Stage Scale:						
Density, Unit:						

APPLICATION EQUIPMENT

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

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT			
Trial ID:	PE-12-20	Study Dir.:	BLAIR COLVIN
Location:	PONDER FARM	Investigator:	Eric P. Prostko
Trt No	Treatment Application Comment		

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT										
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code						----- Arahy	Amapa -----	Dedto -----	Rapra -----	----- Arahy Plant -
Crop Code						Stunting Percent	Control Percent	Control Percent	Control Percent	Stunting Percent
Part Rated						May-22-20 9 DA-A	May-22-20 9 DA-A	May-22-20 9 DA-A	May-22-20 9 DA-A	Jun-2-20 20 DA-A
Rating Data Type										
Rating Unit										
Rating Date										
Trt-Eval Interval										
PRM Data Type										
# Subsamples, Dec.										
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate	Unit Unit	Grow Stg	Appl Code	1	2	3	4
1 NTC							0.0 b	0.0 d	0.0 c	0.0 d
2 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		27.5 a	99.0 a	96.8 b	93.8 bc
VALOR SX	51 WG		3.0 oz/a	PRE	A					10.0 c
ULTRA BLAZER	2 SL		24.0 oz/a	POST	C					0.0 c
ANTHEM FLEX	4 SL		3.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
3 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		25.0 a	99.0 a	99.0 a	95.8 ab
VALOR SX	51 WG		3.0 oz/a	PRE	A					11.3 bc
ULTRA BLAZER	2 SL		24.0 oz/a	POST	C					0.0 c
ANTHEM FLEX	4 SL		3.5 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
4 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		0.0 b	93.5 c	0.0 c	0.0 d
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B					15.0 a
ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B					12.5 ab
STORM	4 SL		16.0 oz/a	EPOST	B					
INDUCE			0.25 % v/v	EPOST	B					
CADRE	4 AS		4.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
5 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		0.0 b	94.8 c	0.0 c	0.0 d
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B					15.0 a
ANTHEM FLEX	4 SL		3.5 oz/a	EPOST	B					11.3 b
STORM	4 SL		16.0 oz/a	EPOST	B					
INDUCE			0.25 % v/v	EPOST	B					
CADRE	4 AS		4.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
6 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		27.5 a	99.0 a	99.0 a	98.0 a
VALOR SX	51 WG		3.0 oz/a	PRE	A					10.0 c
CADRE	4 AS		4.0 oz/a	POST	C					0.0 c
ANTHEM FLEX	4 SL		3.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
7 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		0.0 b	96.0 bc	0.0 c	0.0 d
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B					15.0 a
ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B					11.3 b
STORM	4 SL		16.0 oz/a	EPOST	B					
INDUCE			0.25 % v/v	EPOST	B					
CADRE	4 AS		4.0 oz/a	POST	C					
ANTHEM FLEX	4 SL		3.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					

Means followed by same letter or symbol do not significantly differ (P=, 10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

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Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							-----	Amapa	Dedto	Rapra	----	----
Crop Code							Arahy	-----	-----	-----	Arahy	Arahy
Part Rated											Plant -	Plant -
Rating Data Type							Stunting	Control	Control	Control	Stunting	Burn
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							May-22-20	May-22-20	May-22-20	May-22-20	Jun-2-20	Jun-2-20
Trt-Eval Interval							9 DA-A	9 DA-A	9 DA-A	9 DA-A	20 DA-A	20 DA-A
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
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	27.5 a	99.0 a	99.0 a	91.3 c	7.5 d	0.0 c
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 b	98.0 ab	0.0 c	0.0 d	15.0 a	13.8 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B						
	ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	27.5 a	99.0 a	99.0 a	98.0 a	10.0 c	0.0 c
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	CADRE	4	AS	4.0 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						
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 b	94.8 c	0.0 c	0.0 d	12.5 b	13.8 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	CADRE	4	AS	4.0 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	NTC						0.0 b	0.0 d	0.0 c	0.0 d	0.0 e	0.0 c
LSD P=.10							4.12	2.86	1.55	2.55	2.21	1.97
Standard Deviation							3.45	2.39	1.30	2.13	1.85	1.65
CV							30.62	2.95	3.16	5.37	18.32	31.63
Grand Mean							11.25	81.00	41.06	39.73	10.10	5.21
Bartlett's X2							0.101	4.854	0.00	3.981	1.662	0.101
P(Bartlett's X2)							0.999	0.303	.	0.409	0.436	0.999

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT										
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code						Amapa	Rapra	Agrass	----- Arahy Leaf - Burn	
Crop Code						Control Percent	Control Percent	Control Percent	Percent	
Part Rated						Jun-2-20	Jun-2-20	Jun-2-20	Jun-12-20	
Rating Data Type						20 DA-A	20 DA-A	20 DA-A	Jun-12-20	
Rating Unit										
Rating Date										
Trt-Eval Interval										
PRM Data Type										
# Subsamples, Dec.										
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate	Grow Unit	Stg	Appl Code	7	8	9	10
1 NTC							0.0 b	0.0 c	0.0 b	0.0 d
2 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	98.0 ab	99.0 a	31.3 bc
VALOR SX	51 WG		3.0 oz/a	PRE	A					
ULTRA BLAZER	2 SL		24.0 oz/a	POST	C					
ANTHEM FLEX	4 SL		3.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
3 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	95.5 b	99.0 a	38.8 a
VALOR SX	51 WG		3.0 oz/a	PRE	A					
ULTRA BLAZER	2 SL		24.0 oz/a	POST	C					
ANTHEM FLEX	4 SL		3.5 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
4 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	0.0 d
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B					
ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B					
STORM	4 SL		16.0 oz/a	EPOST	B					
INDUCE			0.25 % v/v	EPOST	B					
CADRE	4 AS		4.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
5 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	0.0 d
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B					
ANTHEM FLEX	4 SL		3.5 oz/a	EPOST	B					
STORM	4 SL		16.0 oz/a	EPOST	B					
INDUCE			0.25 % v/v	EPOST	B					
CADRE	4 AS		4.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
6 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	98.0 ab	99.0 a	33.8 b
VALOR SX	51 WG		3.0 oz/a	PRE	A					
CADRE	4 AS		4.0 oz/a	POST	C					
ANTHEM FLEX	4 SL		3.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
7 PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	27.5 c
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B					
ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B					
STORM	4 SL		16.0 oz/a	EPOST	B					
INDUCE			0.25 % v/v	EPOST	B					
CADRE	4 AS		4.0 oz/a	POST	C					
ANTHEM FLEX	4 SL		3.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					

Means followed by same letter or symbol do not significantly differ (P=, 10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT														
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code							Amapa	Rapra	Agrass	----- Arahy Leaf - Burn Percent	Amapa	Rapra	Agrass	
Crop Code														
Part Rated														
Rating Data Type							Control Percent	Control Percent	Control Percent		Control Percent	Control Percent	Control Percent	
Rating Unit							Jun-2-20 20 DA-A	Jun-2-20 20 DA-A	Jun-2-20 20 DA-A	Jun-12-20	Jun-12-20	Jun-12-20	Jun-12-20	
Rating Date														
Trt-Eval Interval														
PRM Data Type														
# Subsamples, Dec.														
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	7	8	9	10	11	12	13
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	96.8 ab	99.0 a	31.3 bc	99.0 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A							
	CADRE	4	AS	4.0	oz/a	POST	C							
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	INDUCE			0.25	% v/v	POST	C							
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	33.8 b	99.0 a	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B							
	ANTHEM FLEX	4	SL	3.5	oz/a	EPOST	B							
	STORM	4	SL	16.0	oz/a	EPOST	B							
	INDUCE			0.25	% v/v	EPOST	B							
	CADRE	4	AS	4.0	oz/a	POST	C							
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	INDUCE			0.25	% v/v	POST	C							
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	98.0 ab	99.0 a	0.0 d	99.0 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A							
	CADRE	4	AS	4.0	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							
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	0.0 d	99.0 a	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
	STORM	4	SL	16.0	oz/a	EPOST	B							
	CADRE	4	AS	4.0	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	NTC						0.0 b	0.0 c	0.0 b	0.0 d	0.0 b	0.0 b	0.0 b	0.0 b
LSD P=.10							.	3.14	.	4.15	.	.	.	
Standard Deviation							0.00	2.63	0.00	3.47	0.00	0.00	0.00	
CV							0.0	3.21	0.0	21.19	0.0	0.0	0.0	
Grand Mean							82.50	81.77	82.50	16.35	82.50	82.50	82.50	
Bartlett's X2							0.00	8.277	0.00	5.22	0.00	0.00	0.00	
P(Bartlett's X2)							.	0.082	.	0.39	.	.	.	

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT													
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code						laqta	Dedto	----	Amapa	Rapra	Agrass		
Crop Code								Arahy					
Part Rated								Plant -					
Rating Data Type						Control	Control	Stunting	Control	Control	Control		
Rating Unit						Percent	Percent	Percent	Percent	Percent	Percent		
Rating Date						Jun-12-20	Jun-12-20	Jun-22-20	Jun-22-20	Jun-22-20	Jun-22-20		
Trt-Eval Interval													
PRM Data Type													
# Subsamples, Dec.													
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	14	15	16	17	18	19
1	NTC							0.0 b	0.0 b	0.0 e	0.0 c	0.0 b	0.0 b
2	PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	99.0 a	6.3 bc	99.0 a	99.0 a	99.0 a
	VALOR SX	51 WG		3.0 oz/a	PRE	A							
	ULTRA BLAZER	2 SL		24.0 oz/a	POST	C							
	ANTHEM FLEX	4 SL		3.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
	INDUCE			0.25 % v/v	POST	C							
3	PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	99.0 a	7.5 b	99.0 a	99.0 a	99.0 a
	VALOR SX	51 WG		3.0 oz/a	PRE	A							
	ULTRA BLAZER	2 SL		24.0 oz/a	POST	C							
	ANTHEM FLEX	4 SL		3.5 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
	INDUCE			0.25 % v/v	POST	C							
4	PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	99.0 a	7.5 b	99.0 a	99.0 a	99.0 a
	GRAMOXONE	3 SL		8.0 oz/a	EPOST	B							
	ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B							
	STORM	4 SL		16.0 oz/a	EPOST	B							
	INDUCE			0.25 % v/v	EPOST	B							
	CADRE	4 AS		4.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
	INDUCE			0.25 % v/v	POST	C							
5	PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	99.0 a	7.5 b	99.0 a	99.0 a	99.0 a
	GRAMOXONE	3 SL		8.0 oz/a	EPOST	B							
	ANTHEM FLEX	4 SL		3.5 oz/a	EPOST	B							
	STORM	4 SL		16.0 oz/a	EPOST	B							
	INDUCE			0.25 % v/v	EPOST	B							
	CADRE	4 AS		4.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
	INDUCE			0.25 % v/v	POST	C							
6	PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	99.0 a	3.8 cd	99.0 a	99.0 a	99.0 a
	VALOR SX	51 WG		3.0 oz/a	PRE	A							
	CADRE	4 AS		4.0 oz/a	POST	C							
	ANTHEM FLEX	4 SL		3.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
	INDUCE			0.25 % v/v	POST	C							
7	PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 a	99.0 a	8.8 ab	99.0 a	99.0 a	99.0 a
	GRAMOXONE	3 SL		8.0 oz/a	EPOST	B							
	ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B							
	STORM	4 SL		16.0 oz/a	EPOST	B							
	INDUCE			0.25 % v/v	EPOST	B							
	CADRE	4 AS		4.0 oz/a	POST	C							
	ANTHEM FLEX	4 SL		3.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
	INDUCE			0.25 % v/v	POST	C							

Means followed by same letter or symbol do not significantly differ (P=, 10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT												
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							laqta	Dedto	----	Amapa	Rapra	Agrass
Crop Code									Arahy			
Part Rated									Plant -			
Rating Data Type							Control	Control	Stunting	Control	Control	Control
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							Jun-12-20	Jun-12-20	Jun-22-20	Jun-22-20	Jun-22-20	Jun-22-20
Trt-Eval Interval												
PRM Data Type												
# Subsamples, Dec.												
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code	14	15	16	17	18	19
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	99.0 a	3.8 cd	99.0 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	99.0 a	11.3 a	99.0 a	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B						
	ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	99.0 a	0.0 e	75.5 b	99.0 a	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	CADRE	4	AS	4.0 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						
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	99.0 a	2.5 de	99.0 a	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	CADRE	4	AS	4.0 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	NTC						0.0 b	0.0 b	0.0 e	0.0 c	0.0 b	0.0 b
LSD P=.10							.	.	3.61	15.33	.	.
Standard Deviation							0.00	0.00	3.02	12.81	0.00	0.00
CV							0.0	0.0	61.64	15.9	0.0	0.0
Grand Mean							82.50	82.50	4.90	80.54	82.50	82.50
Bartlett's X2							0.00	0.00	4.035	0.00	0.00	0.00
P(Bartlett's X2)							.	.	0.854	.	.	.

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT														
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN												
Location: PONDER FARM		Investigator: Eric P. Prostko												
Weed Code							Dedto	Amapa	Rapra	Agrass	Dedto	Amapa	Rapra	
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-22-20	Jul-1-20	Jul-1-20	Jul-1-20	Jul-1-20	Jul-21-20	Jul-21-20	
Trt-Eval Interval														
PRM Data Type														
# Subsamples, Dec.														
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	20	21	22	23	24	25	26
1	NTC							0.0 f	0.0 c	0.0 c	0.0 b	0.0 d	0.0 b	0.0 b
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		97.0 ab	99.0 a	95.0 b	99.0 a	88.5 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A								
	ULTRA BLAZER	2	SL	24.0 oz/a	POST	C								
	ANTHEM FLEX	4	SL	3.0 oz/a	POST	C								
	2,4-DB	1.75	SL	16.0 oz/a	POST	C								
	INDUCE			0.25 % v/v	POST	C								
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	95.0 b	99.0 a	88.8 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A								
	ULTRA BLAZER	2	SL	24.0 oz/a	POST	C								
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C								
	2,4-DB	1.75	SL	16.0 oz/a	POST	C								
	INDUCE			0.25 % v/v	POST	C								
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		88.5 de	99.0 a	96.0 ab	99.0 a	75.0 c	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B								
	ANTHEM FLEX	4	SL	3.0 oz/a	EPOST	B								
	STORM	4	SL	16.0 oz/a	EPOST	B								
	INDUCE			0.25 % v/v	EPOST	B								
	CADRE	4	AS	4.0 oz/a	POST	C								
	2,4-DB	1.75	SL	16.0 oz/a	POST	C								
	INDUCE			0.25 % v/v	POST	C								
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		87.5 e	99.0 a	95.0 b	99.0 a	78.8 bc	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B								
	ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B								
	STORM	4	SL	16.0 oz/a	EPOST	B								
	INDUCE			0.25 % v/v	EPOST	B								
	CADRE	4	AS	4.0 oz/a	POST	C								
	2,4-DB	1.75	SL	16.0 oz/a	POST	C								
	INDUCE			0.25 % v/v	POST	C								
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		98.0 ab	99.0 a	95.8 ab	99.0 a	90.0 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A								
	CADRE	4	AS	4.0 oz/a	POST	C								
	ANTHEM FLEX	4	SL	3.0 oz/a	POST	C								
	2,4-DB	1.75	SL	16.0 oz/a	POST	C								
	INDUCE			0.25 % v/v	POST	C								
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	96.0 ab	99.0 a	86.3 ab	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B								
	ANTHEM FLEX	4	SL	3.0 oz/a	EPOST	B								
	STORM	4	SL	16.0 oz/a	EPOST	B								
	INDUCE			0.25 % v/v	EPOST	B								
	CADRE	4	AS	4.0 oz/a	POST	C								
	ANTHEM FLEX	4	SL	3.0 oz/a	POST	C								
	2,4-DB	1.75	SL	16.0 oz/a	POST	C								
	INDUCE			0.25 % v/v	POST	C								

Means followed by same letter or symbol do not significantly differ ($P=,10$, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT													
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code							Dedto	Amapa	Rapra	Agrass	Dedto	Amapa	Rapra
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-22-20	Jul-1-20	Jul-1-20	Jul-1-20	Jul-1-20	Jul-21-20	Jul-21-20
Trt-Eval Interval													
PRM Data Type													
# Subsamples, Dec.													
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	20	21	22	23	24	25	26
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	99.0 a	96.0 ab	99.0 a	91.3 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A							
	CADRE	4	AS	4.0 oz/a	POST	C							
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C							
	2,4-DB	1.75	SL	16.0 oz/a	POST	C							
	INDUCE			0.25 % v/v	POST	C							
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	99.0 a	97.0 a	99.0 a	90.0 a	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B							
	ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	INDUCE			0.25 % v/v	EPOST	B							
	CADRE	4	AS	4.0 oz/a	POST	C							
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C							
	2,4-DB	1.75	SL	16.0 oz/a	POST	C							
	INDUCE			0.25 % v/v	POST	C							
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	94.5 bc	98.0 b	95.0 b	99.0 a	90.0 a	99.0 a	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A							
	CADRE	4	AS	4.0 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							
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	92.3 cd	99.0 a	96.0 ab	99.0 a	80.0 bc	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	CADRE	4	AS	4.0 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	NTC						0.0 f	0.0 c	0.0 c	0.0 b	0.0 d	0.0 b	0.0 b
LSD P=.10							4.20	0.69	1.94	.	8.20	.	.
Standard Deviation							3.51	0.58	1.62	0.00	6.85	0.00	0.00
CV							4.42	0.7	2.03	0.0	9.58	0.0	0.0
Grand Mean							79.48	82.42	79.73	82.50	71.54	82.50	82.50
Bartlett's X2							6.053	0.00	3.406	0.00	15.113	0.00	0.00
P(Bartlett's X2)							0.301	.	0.638	.	0.088	.	.

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT												
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Agrass	Dedto	AMAPA	Agrass	Dedto	Total Weed
Crop Code									-----	-----	-----	
Part Rated												
Rating Data Type							Control	Control	Control	Control	Control	Cover
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							Jul-21-20	Jul-21-20	Aug-19-20	Aug-19-20	Aug-19-20	Aug-19-20
Trt-Eval Interval												
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate Unit	Stg	Code	27	28	29	30	31	32
1	NTC						0.0 c	0.0 c	0.0 c	0.0 c	0.0 b	100.0 a
2	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	98.0 b	98.0 ab	99.0 a	95.5 b	95.0 a	36.3 b
	VALOR SX	51 WG		3.0 oz/a	PRE	A						
	ULTRA BLAZER	2 SL		24.0 oz/a	POST	C						
	ANTHEM FLEX	4 SL		3.0 oz/a	POST	C						
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
3	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	98.0 b	96.8 b	99.0 a	98.0 a	97.0 a	18.8 c
	VALOR SX	51 WG		3.0 oz/a	PRE	A						
	ULTRA BLAZER	2 SL		24.0 oz/a	POST	C						
	ANTHEM FLEX	4 SL		3.5 oz/a	POST	C						
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
4	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	96.8 a	5.0 de
	GRAMOXONE	3 SL		8.0 oz/a	EPOST	B						
	ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B						
	STORM	4 SL		16.0 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4 AS		4.0 oz/a	POST	C						
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
5	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	98.0 ab	99.0 a	99.0 a	97.0 a	3.0 e
	GRAMOXONE	3 SL		8.0 oz/a	EPOST	B						
	ANTHEM FLEX	4 SL		3.5 oz/a	EPOST	B						
	STORM	4 SL		16.0 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4 AS		4.0 oz/a	POST	C						
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
6	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	95.0 a	1.8 e
	VALOR SX	51 WG		3.0 oz/a	PRE	A						
	CADRE	4 AS		4.0 oz/a	POST	C						
	ANTHEM FLEX	4 SL		3.0 oz/a	POST	C						
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
7	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	97.0 a	10.3 d
	GRAMOXONE	3 SL		8.0 oz/a	EPOST	B						
	ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B						
	STORM	4 SL		16.0 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4 AS		4.0 oz/a	POST	C						
	ANTHEM FLEX	4 SL		3.0 oz/a	POST	C						
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						

Means followed by same letter or symbol do not significantly differ (P=, 10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT													
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code							Agrass	Dedto	AMAPA	Agrass	Dedto	Total Weed	
Crop Code									-----	-----	-----		
Part Rated													
Rating Data Type							Control	Control	Control	Control	Control	Cover	
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent	
Rating Date							Jul-21-20	Jul-21-20	Aug-19-20	Aug-19-20	Aug-19-20	Aug-19-20	
Trt-Eval Interval													
PRM Data Type													
# Subsamples, Dec.													
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	27	28	29	30	31	32
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	98.0 b	99.0 a	97.0 a	4.3 e
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	CADRE	4	AS	4.0	oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	96.0 a	3.8 e
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B						
	ANTHEM FLEX	4	SL	3.5	oz/a	EPOST	B						
	STORM	4	SL	16.0	oz/a	EPOST	B						
	INDUCE			0.25	% v/v	EPOST	B						
	CADRE	4	AS	4.0	oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	98.0 b	99.0 a	97.0 a	2.0 e
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	CADRE	4	AS	4.0	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						
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	95.8 a	2.0 e
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B						
	STORM	4	SL	16.0	oz/a	EPOST	B						
	CADRE	4	AS	4.0	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	NTC						0.0 c	0.0 c	0.0 c	0.0 c	0.0 b	100.0 a	
LSD P=.10							0.99	1.85	0.93	2.45	2.51	5.33	
Standard Deviation							0.83	1.54	0.78	2.05	2.10	4.46	
CV							1.01	1.88	0.95	2.5	2.61	18.63	
Grand Mean							82.33	82.15	82.33	82.13	80.29	23.92	
Bartlett's X2							0.00	2.772	0.00	3.776	4.441	18.152	
P(Bartlett's X2)							.	0.25	.	0.052	0.728	0.033*	

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT									
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN							
Location: PONDER FARM		Investigator: Eric P. Prostko							
Weed Code							-----	-----	-----
Crop Code							ARAHY	ARAHY	ARAHY
Part Rated							DIRTY -	CLEAN -	CLEAN -
Rating Data Type							YIELD	YIELD	YIELD
Rating Unit							LBS/PLOT	LBS/PLOT	LBS/A
Rating Date							Oct-6-20	Oct-6-20	Oct-6-20
Trt-Eval Interval									
PRM Data Type								T1	TY2
# Subsamples, Dec.							- 1	- 1	- 0
Trt	Treatment	Form	Form	Rate	Grow	Appl			
No.	Name	Conc	Type	Rate Unit	Stg	Code	33	34	35
1	NTC						0.0 f	0.0 f	0 f
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	17.1 e	16.8 e	4688 e
	VALOR SX	51	WG	3.0 oz/a	PRE	A			
	ULTRA BLAZER	2	SL	24.0 oz/a	POST	C			
	ANTHEM FLEX	4	SL	3.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	INDUCE			0.25 % v/v	POST	C			
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	18.1 de	17.8 de	4969 de
	VALOR SX	51	WG	3.0 oz/a	PRE	A			
	ULTRA BLAZER	2	SL	24.0 oz/a	POST	C			
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	INDUCE			0.25 % v/v	POST	C			
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	19.3 cd	18.9 cd	5278 cd
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B			
	ANTHEM FLEX	4	SL	3.0 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	INDUCE			0.25 % v/v	EPOST	B			
	CADRE	4	AS	4.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	INDUCE			0.25 % v/v	POST	C			
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	19.4 cd	19.0 cd	5328 cd
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B			
	ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	INDUCE			0.25 % v/v	EPOST	B			
	CADRE	4	AS	4.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	INDUCE			0.25 % v/v	POST	C			
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	21.1 ab	20.7 ab	5785 ab
	VALOR SX	51	WG	3.0 oz/a	PRE	A			
	CADRE	4	AS	4.0 oz/a	POST	C			
	ANTHEM FLEX	4	SL	3.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	INDUCE			0.25 % v/v	POST	C			
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	20.1 bc	19.6 bc	5497 bc
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B			
	ANTHEM FLEX	4	SL	3.0 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	INDUCE			0.25 % v/v	EPOST	B			
	CADRE	4	AS	4.0 oz/a	POST	C			
	ANTHEM FLEX	4	SL	3.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	INDUCE			0.25 % v/v	POST	C			

Means followed by same letter or symbol do not significantly differ (P=, 10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT										
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code							-----	-----	-----	
Crop Code							ARAHY	ARAHY	ARAHY	
Part Rated							DIRTY -	CLEAN -	CLEAN -	
Rating Data Type							YIELD	YIELD	YIELD	
Rating Unit							LBS/PLOT	LBS/PLOT	LBS/A	
Rating Date							Oct-6-20	Oct-6-20	Oct-6-20	
Trt-Eval Interval										
PRM Data Type								T1	TY2	
# Subsamples, Dec.							- 1	- 1	- 0	
Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	33	34	
								35		
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	20.7 abc	20.3 abc	5675 abc
	VALOR SX	51	WG	3.0	oz/a	PRE	A			
	CADRE	4	AS	4.0	oz/a	POST	C			
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C			
	2,4-DB	1.75	SL	16.0	oz/a	POST	C			
	INDUCE			0.25	% v/v	POST	C			
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	19.3 cd	18.9 cd	5278 cd
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B			
	ANTHEM FLEX	4	SL	3.5	oz/a	EPOST	B			
	STORM	4	SL	16.0	oz/a	EPOST	B			
	INDUCE			0.25	% v/v	EPOST	B			
	CADRE	4	AS	4.0	oz/a	POST	C			
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C			
	2,4-DB	1.75	SL	16.0	oz/a	POST	C			
	INDUCE			0.25	% v/v	POST	C			
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	22.0 a	21.5 a	6018 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A			
	CADRE	4	AS	4.0	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			
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	20.8 abc	20.3 abc	5689 abc
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B			
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B			
	STORM	4	SL	16.0	oz/a	EPOST	B			
	CADRE	4	AS	4.0	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	NTC							0.0 f	0.0 f	0 f
LSD P=.10							1.58	1.55	434.3	
Standard Deviation							1.32	1.30	362.6	
CV							8.03	8.03	8.03	
Grand Mean							16.48	16.15	4516.9	
Bartlett's X2							17.827	17.827	17.827	
P(Bartlett's X2)							0.037*	0.037*	0.037*	

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

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

Missing data estimates are included in columns: Average=33,34,35

Could not calculate LSD (% mean diff) for columns 7,9,11,12,13,14,15,18,19,23,25,26 because error mean square = 0.

University of Georgia

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT					
Trial ID:	PE-12-20	Study Dir.:	BLAIR COLVIN		
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For ----- Arahy Stunting Percent May-22-20 9 DA-A (Data Column 1)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	8925.000000			
Replicate	3	8.333333	2.777778	0.234	0.8720
Treatment	11	8525.000000	775.000000	65.298	0.0001
Error	33	391.666667	11.868687		
Randomized Complete Block (RCB) AOV For Amapa ----- Control Percent May-22-20 9 DA-A (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	63374.000000			
Replicate	3	24.166667	8.055556	1.412	0.2569
Treatment	11	63161.500000	5741.954545	1006.112	0.0001
Error	33	188.333333	5.707071		
Randomized Complete Block (RCB) AOV For Dedto ----- Control Percent May-22-20 9 DA-A (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	113384.812500			
Replicate	3	5.062500	1.687500	1.000	0.4051
Treatment	11	113324.062500	10302.187500	6105.001	0.0001
Error	33	55.687500	1.687500		
Randomized Complete Block (RCB) AOV For Rapra ----- Control Percent May-22-20 9 DA-A (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	106369.479167			
Replicate	3	15.895833	5.298611	1.163	0.3386
Treatment	11	106203.229167	9654.839015	2119.061	0.0001
Error	33	150.354167	4.556187		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Stunting Percent Jun-2-20 20 DA-A (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1374.479167			
Replicate	3	5.729167	1.909722	0.558	0.6467
Treatment	11	1255.729167	114.157197	33.332	0.0001
Error	33	113.020833	3.424874		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Burn Percent Jun-2-20 20 DA-A (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1947.916667			
Replicate	3	10.416667	3.472222	1.279	0.2977
Treatment	11	1847.916667	167.992424	61.884	0.0001
Error	33	89.583333	2.714646		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jun-2-20 20 DA-A (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Rapra Control Percent Jun-2-20 20 DA-A (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64484.479167			
Replicate	3	16.229167	5.409722	0.785	0.5111
Treatment	11	64240.729167	5840.066288	847.053	0.0001
Error	33	227.520833	6.894571		
Randomized Complete Block (RCB) AOV For Agrass Control Percent Jun-2-20 20 DA-A (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For ----- Arahy Leaf Burn Percent Jun-12-20 (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	13586.979167			
Replicate	3	72.395833	24.131944	2.009	0.1318
Treatment	11	13118.229167	1192.566288	99.292	0.0001
Error	33	396.354167	12.010732		

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT					
Trial ID:	PE-12-20	Study Dir.:	BLAIR COLVIN		
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jun-12-20 (Data Column 11)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Rapra Control Percent Jun-12-20 (Data Column 12)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass Control Percent Jun-12-20 (Data Column 13)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Iaqta Control Percent Jun-12-20 (Data Column 14)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Dedto Control Percent Jun-12-20 (Data Column 15)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Stunting Percent Jun-22-20 (Data Column 16)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1074.479167			
Replicate	3	143.229167	47.743056	5.243	0.0045
Treatment	11	630.729167	57.339015	6.296	0.0001
Error	33	300.520833	9.106692		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jun-22-20 (Data Column 17)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	70169.916667			
Replicate	3	492.250000	164.083333	1.000	0.4051
Treatment	11	64262.916667	5842.083333	35.604	0.0001
Error	33	5414.750000	164.083333		
Randomized Complete Block (RCB) AOV For Rapra Control Percent Jun-22-20 (Data Column 18)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass Control Percent Jun-22-20 (Data Column 19)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Dedto Control Percent Jun-22-20 (Data Column 20)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	61811.979167			
Replicate	3	35.062500	11.687500	0.948	0.4285
Treatment	11	61370.229167	5579.111742	452.708	0.0001
Error	33	406.687500	12.323864		

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT					
Trial ID:	PE-12-20	Study Dir.:	BLAIR COLVIN		
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jul-1-20 (Data Column 21)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65223.666667			
Replicate	3	1.000000	0.333333	1.000	0.4051
Treatment	11	65211.666667	5928.333333	17785.002	0.0001
Error	33	11.000000	0.333333		
Randomized Complete Block (RCB) AOV For Rapra Control Percent Jul-1-20 (Data Column 22)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	61159.479167			
Replicate	3	32.229167	10.743056	4.098	0.0141
Treatment	11	61040.729167	5549.157197	2116.510	0.0001
Error	33	86.520833	2.621843		
Randomized Complete Block (RCB) AOV For Agrass Control Percent Jul-1-20 (Data Column 23)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Dedto Control Percent Jul-1-20 (Data Column 24)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	52251.916667			
Replicate	3	371.416667	123.805556	2.635	0.0661
Treatment	11	50329.916667	4575.446970	97.376	0.0001
Error	33	1550.583333	46.987374		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jul-21-20 (Data Column 25)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Rapra Control Percent Jul-21-20 (Data Column 26)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass Control Percent Jul-21-20 (Data Column 27)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65106.666667			
Replicate	3	1.333333	0.444444	0.647	0.5904
Treatment	11	65082.666667	5916.606061	8613.883	0.0001
Error	33	22.666667	0.686869		
Randomized Complete Block (RCB) AOV For Dedto Control Percent Jul-21-20 (Data Column 28)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64885.979167			
Replicate	3	6.062500	2.020833	0.847	0.4779
Treatment	11	64801.229167	5891.020833	2470.579	0.0001
Error	33	78.687500	2.384470		
Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Aug-19-20 (Data Column 29)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65106.666667			
Replicate	3	4.000000	1.333333	2.200	0.1066
Treatment	11	65082.666667	5916.606061	9762.401	0.0001
Error	33	20.000000	0.606061		
Randomized Complete Block (RCB) AOV For Agrass ----- Control Percent Aug-19-20 (Data Column 30)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64951.250000			
Replicate	3	20.250000	6.750000	1.605	0.2068
Treatment	11	64792.250000	5890.204545	1400.914	0.0001
Error	33	138.750000	4.204545		

ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT					
Trial ID:	PE-12-20	Study Dir.:	BLAIR COLVIN		
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For Dedto ----- Control Percent Aug-19-20 (Data Column 31)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	62121.916667			
Replicate	3	62.250000	20.750000	4.714	0.0076
Treatment	11	61914.416667	5628.583333	1278.783	0.0001
Error	33	145.250000	4.401515		
Randomized Complete Block (RCB) AOV For Total Weed Cover Percent Aug-19-20 (Data Column 32)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	60881.666667			
Replicate	3	291.166667	97.055556	4.887	0.0064
Treatment	11	59935.166667	5448.651515	274.373	0.0001
Error	33	655.333333	19.858586		
Randomized Complete Block (RCB) AOV For ----- ARAHY DIRTY YIELD LBS/PLOT Oct-6-20 1 (Data Column 33)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	46	2740.746088			
Replicate	3	3.207292	1.069097	0.611	0.6127
Treatment	11	2681.561921	243.778356	139.359	0.0001
Error	32	55.976875	1.749277		
Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/PLOT Oct-6-20 T1 1 (Data Column 34)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	46	2632.212543			
Replicate	3	3.080283	1.026761	0.611	0.6127
Treatment	11	2575.372069	234.124734	139.359	0.0001
Error	32	53.760191	1.680006		
Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/A Oct-6-20 TY2 0 (Data Column 35)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	46	206000063.575409			
Replicate	3	241066.580426	80355.526809	0.611	0.6127
Treatment	11	201551660.949009	18322878.268092	139.359	0.0001
Error	32	4207336.045974	131479.251437		
Weed Code					
Amapa = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.					
Dedto = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.					
Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.					
laqta = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.					
Part Rated					
Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)					
Leaf = LEAF / FOLIAGE					
PRM Data Type					
T1 = [33]*0.98					
TY2 = 279.752*[34]					

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT												
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code							-----	Amapa	Dedto	Rapra	----	----
Crop Code							Arahy	-----	-----	-----	Arahy	Arahy
Part Rated											Plant -	Plant -
Rating Data Type							Stunting	Control	Control	Control	Stunting	Burn
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							May-22-20	May-22-20	May-22-20	May-22-20	Jun-2-20	Jun-2-20
Trt-Eval Interval							9 DA-A	9 DA-A	9 DA-A	9 DA-A	20 DA-A	20 DA-A
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot				
									1	2	3	4
												5
												6
1	NTC						101		0.0	0.0	0.0	0.0
							209		0.0	0.0	0.0	0.0
							312		0.0	0.0	0.0	0.0
							408		0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0
2	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	102		30.0	99.0	99.0	90.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A	210		20.0	99.0	99.0	95.0
	ULTRA BLAZER	2 SL		24.0 oz/a	POST	C	301		30.0	99.0	99.0	95.0
	ANTHEM FLEX	4 SL		3.0 oz/a	POST	C	405		30.0	99.0	90.0	95.0
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
							Mean =		27.5	99.0	96.8	93.8
3	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	103		30.0	99.0	99.0	95.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A	208		20.0	99.0	99.0	90.0
	ULTRA BLAZER	2 SL		24.0 oz/a	POST	C	302		30.0	99.0	99.0	99.0
	ANTHEM FLEX	4 SL		3.5 oz/a	POST	C	404		20.0	99.0	99.0	99.0
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
							Mean =		25.0	99.0	99.0	95.8
4	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	104		0.0	85.0	0.0	0.0
	GRAMOXONE	3 SL		8.0 oz/a	EPOST	B	207		0.0	95.0	0.0	0.0
	ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B	304		0.0	95.0	0.0	0.0
	STORM	4 SL		16.0 oz/a	EPOST	B	407		0.0	99.0	0.0	0.0
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4 AS		4.0 oz/a	POST	C						
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
							Mean =		0.0	93.5	0.0	0.0
5	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	105		0.0	90.0	0.0	0.0
	GRAMOXONE	3 SL		8.0 oz/a	EPOST	B	206		0.0	95.0	0.0	0.0
	ANTHEM FLEX	4 SL		3.5 oz/a	EPOST	B	307		0.0	95.0	0.0	0.0
	STORM	4 SL		16.0 oz/a	EPOST	B	403		0.0	99.0	0.0	0.0
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4 AS		4.0 oz/a	POST	C						
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
							Mean =		0.0	94.8	0.0	0.0
6	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	106		30.0	99.0	99.0	99.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A	203		30.0	99.0	99.0	99.0
	CADRE	4 AS		4.0 oz/a	POST	C	309		30.0	99.0	99.0	99.0
	ANTHEM FLEX	4 SL		3.0 oz/a	POST	C	411		20.0	99.0	99.0	95.0
	2,4-DB	1.75 SL		16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
							Mean =		27.5	99.0	99.0	98.0

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT											
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code						----- Arahy	Amapa -----	Dedto -----	Rapra -----	----- Arahy Plant -	----- Arahy Plant -
Crop Code						Stunting Percent	Control Percent	Control Percent	Control Percent	Stunting Percent	Burn Percent
Part Rated						May-22-20 9 DA-A	May-22-20 9 DA-A	May-22-20 9 DA-A	May-22-20 9 DA-A	Jun-2-20 20 DA-A	Jun-2-20 20 DA-A
Rating Data Type											
Rating Unit											
Rating Date											
Trt-Eval Interval											
PRM Data Type											
# Subsamples, Dec.											
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	1	2	3	4	5	6
7 PROWL H20	3.8 SC		32.0 oz/a	PRE	A 107	0.0	99.0	0.0	0.0	15.0	10.0
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B 211	0.0	95.0	0.0	0.0	15.0	10.0
ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B 310	0.0	95.0	0.0	0.0	15.0	15.0
STORM	4 SL		16.0 oz/a	EPOST	B 401	0.0	95.0	0.0	0.0	15.0	10.0
INDUCE			0.25 % v/v	EPOST	B						
CADRE	4 AS		4.0 oz/a	POST	C						
ANTHEM FLEX	4 SL		3.0 oz/a	POST	C						
2,4-DB	1.75 SL		16.0 oz/a	POST	C						
INDUCE			0.25 % v/v	POST	C						
Mean =						0.0	96.0	0.0	0.0	15.0	11.3
8 PROWL H20	3.8 SC		32.0 oz/a	PRE	A 108	30.0	99.0	99.0	95.0	0.0	0.0
VALOR SX	51 WG		3.0 oz/a	PRE	A 212	30.0	99.0	99.0	85.0	10.0	0.0
CADRE	4 AS		4.0 oz/a	POST	C 305	20.0	99.0	99.0	95.0	10.0	0.0
ANTHEM FLEX	4 SL		3.5 oz/a	POST	C 409	30.0	99.0	99.0	90.0	10.0	0.0
2,4-DB	1.75 SL		16.0 oz/a	POST	C						
INDUCE			0.25 % v/v	POST	C						
Mean =						27.5	99.0	99.0	91.3	7.5	0.0
9 PROWL H20	3.8 SC		32.0 oz/a	PRE	A 109	0.0	99.0	0.0	0.0	15.0	15.0
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B 204	0.0	95.0	0.0	0.0	15.0	10.0
ANTHEM FLEX	4 SL		3.5 oz/a	EPOST	B 311	0.0	99.0	0.0	0.0	15.0	15.0
STORM	4 SL		16.0 oz/a	EPOST	B 410	0.0	99.0	0.0	0.0	15.0	15.0
INDUCE			0.25 % v/v	EPOST	B						
CADRE	4 AS		4.0 oz/a	POST	C						
ANTHEM FLEX	4 SL		3.5 oz/a	POST	C						
2,4-DB	1.75 SL		16.0 oz/a	POST	C						
INDUCE			0.25 % v/v	POST	C						
Mean =						0.0	98.0	0.0	0.0	15.0	13.8
10 PROWL H20	3.8 SC		32.0 oz/a	PRE	A 110	20.0	99.0	99.0	95.0	10.0	0.0
VALOR SX	51 WG		3.0 oz/a	PRE	A 202	30.0	99.0	99.0	99.0	10.0	0.0
CADRE	4 AS		4.0 oz/a	POST	C 308	30.0	99.0	99.0	99.0	10.0	0.0
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C 412	30.0	99.0	99.0	99.0	10.0	0.0
2,4-DB	1.75 SL		16.0 oz/a	POST	C						
Mean =						27.5	99.0	99.0	98.0	10.0	0.0
11 PROWL H20	3.8 SC		32.0 oz/a	PRE	A 111	0.0	95.0	0.0	0.0	15.0	15.0
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B 201	0.0	95.0	0.0	0.0	15.0	10.0
DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B 306	0.0	90.0	0.0	0.0	10.0	15.0
STORM	4 SL		16.0 oz/a	EPOST	B 402	0.0	99.0	0.0	0.0	10.0	15.0
CADRE	4 AS		4.0 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						
Mean =						0.0	94.8	0.0	0.0	12.5	13.8
12 NTC					112	0.0	0.0	0.0	0.0	0.0	0.0
					205	0.0	0.0	0.0	0.0	0.0	0.0
					303	0.0	0.0	0.0	0.0	0.0	0.0
					406	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

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT												
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Amapa	Rapra	Agrass	----- Arahy Leaf - Burn Percent	Amapa	Rapra
Crop Code							Control Percent Jun-2-20 20 DA-A	Control Percent Jun-2-20 20 DA-A	Control Percent Jun-2-20 20 DA-A	Jun-12-20	Control Percent Jun-12-20	Control Percent Jun-12-20
Part Rated												
Rating Data Type												
Rating Unit												
Rating Date												
Trt-Eval Interval												
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot				
									7	8	9	10
												11
												12
1	NTC						101		0.0	0.0	0.0	0.0
							209		0.0	0.0	0.0	0.0
							312		0.0	0.0	0.0	0.0
							408		0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	102	99.0	99.0	99.0	35.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	210	99.0	99.0	99.0	30.0
	ULTRA BLAZER	2	SL	24.0	oz/a	POST	C	301	99.0	99.0	99.0	30.0
	ANTHEM FLEX	4	SL	3.0	oz/a	POST	C	405	99.0	95.0	99.0	30.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
							Mean =		99.0	98.0	99.0	31.3
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	99.0	99.0	99.0	35.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	208	99.0	85.0	99.0	40.0
	ULTRA BLAZER	2	SL	24.0	oz/a	POST	C	302	99.0	99.0	99.0	40.0
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C	404	99.0	99.0	99.0	40.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
							Mean =		99.0	95.5	99.0	38.8
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	99.0	99.0	99.0	0.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	207	99.0	99.0	99.0	0.0
	ANTHEM FLEX	4	SL	3.0	oz/a	EPOST	B	304	99.0	99.0	99.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	B	407	99.0	99.0	99.0	0.0
	INDUCE			0.25	% v/v	EPOST	B					
	CADRE	4	AS	4.0	oz/a	POST	C					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
							Mean =		99.0	99.0	99.0	0.0
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	99.0	99.0	99.0	0.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	206	99.0	99.0	99.0	0.0
	ANTHEM FLEX	4	SL	3.5	oz/a	EPOST	B	307	99.0	99.0	99.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	B	403	99.0	99.0	99.0	0.0
	INDUCE			0.25	% v/v	EPOST	B					
	CADRE	4	AS	4.0	oz/a	POST	C					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
							Mean =		99.0	99.0	99.0	0.0
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	99.0	99.0	99.0	40.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	203	99.0	99.0	99.0	40.0
	CADRE	4	AS	4.0	oz/a	POST	C	309	99.0	99.0	99.0	25.0
	ANTHEM FLEX	4	SL	3.0	oz/a	POST	C	411	99.0	95.0	99.0	30.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
							Mean =		99.0	98.0	99.0	33.8

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT												
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code							Amapa	Rapra	Agrass	-----	Amapa	Rapra
Crop Code										Arahy		
Part Rated										Leaf -		
Rating Data Type							Control	Control	Control	Burn	Control	Control
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							Jun-2-20	Jun-2-20	Jun-2-20	Jun-12-20	Jun-12-20	Jun-12-20
Trt-Eval Interval							20 DA-A	20 DA-A	20 DA-A			
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate Unit	Stg	Code Plot	7	8	9	10	11	12
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 107	99.0	99.0	99.0	30.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 211	99.0	99.0	99.0	30.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.0 oz/a	EPOST	B 310	99.0	99.0	99.0	30.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 401	99.0	99.0	99.0	20.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.0 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
						Mean =	99.0	99.0	99.0	27.5	99.0	99.0
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 108	99.0	99.0	99.0	35.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 212	99.0	99.0	99.0	35.0	99.0	99.0
	CADRE	4	AS	4.0 oz/a	POST	C 305	99.0	99.0	99.0	25.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C 409	99.0	90.0	99.0	30.0	99.0	99.0
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
						Mean =	99.0	96.8	99.0	31.3	99.0	99.0
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	99.0	99.0	99.0	35.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 204	99.0	99.0	99.0	35.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B 311	99.0	99.0	99.0	25.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 410	99.0	99.0	99.0	40.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
						Mean =	99.0	99.0	99.0	33.8	99.0	99.0
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	99.0	99.0	99.0	0.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 202	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	4	AS	4.0 oz/a	POST	C 308	99.0	95.0	99.0	0.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C 412	99.0	99.0	99.0	0.0	99.0	99.0
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
						Mean =	99.0	98.0	99.0	0.0	99.0	99.0
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	99.0	99.0	99.0	0.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 201	99.0	99.0	99.0	0.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B 306	99.0	99.0	99.0	0.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 402	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	4	AS	4.0 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						
						Mean =	99.0	99.0	99.0	0.0	99.0	99.0
12	NTC					112	0.0	0.0	0.0	0.0	0.0	0.0
						205	0.0	0.0	0.0	0.0	0.0	0.0
						303	0.0	0.0	0.0	0.0	0.0	0.0
						406	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

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT														
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code							Agrass	laqta	Dedto	----	Amapa	Rapra		
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							Jun-12-20	Jun-12-20	Jun-12-20	Jun-22-20	Jun-22-20	Jun-22-20		
Trt-Eval Interval														
PRM Data Type														
# Subsamples, Dec.														
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
							209		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
							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	99.0	99.0	99.0	10.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	210	99.0	99.0	99.0	0.0	99.0	99.0
	ULTRA BLAZER	2	SL	24.0	oz/a	POST	C	301	99.0	99.0	99.0	10.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.0	oz/a	POST	C	405	99.0	99.0	99.0	5.0	99.0	99.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	INDUCE			0.25	% v/v	POST	C							
							Mean =		99.0	99.0	99.0	6.3	99.0	99.0
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	99.0	99.0	99.0	10.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	208	99.0	99.0	99.0	0.0	99.0	99.0
	ULTRA BLAZER	2	SL	24.0	oz/a	POST	C	302	99.0	99.0	99.0	10.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C	404	99.0	99.0	99.0	10.0	99.0	99.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	INDUCE			0.25	% v/v	POST	C							
							Mean =		99.0	99.0	99.0	7.5	99.0	99.0
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	99.0	99.0	99.0	10.0	99.0	99.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	207	99.0	99.0	99.0	5.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.0	oz/a	EPOST	B	304	99.0	99.0	99.0	5.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	407	99.0	99.0	99.0	10.0	99.0	99.0
	INDUCE			0.25	% v/v	EPOST	B							
	CADRE	4	AS	4.0	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	INDUCE			0.25	% v/v	POST	C							
							Mean =		99.0	99.0	99.0	7.5	99.0	99.0
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	99.0	99.0	99.0	15.0	99.0	99.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	206	99.0	99.0	99.0	5.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.5	oz/a	EPOST	B	307	99.0	99.0	99.0	5.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	403	99.0	99.0	99.0	5.0	99.0	99.0
	INDUCE			0.25	% v/v	EPOST	B							
	CADRE	4	AS	4.0	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	INDUCE			0.25	% v/v	POST	C							
							Mean =		99.0	99.0	99.0	7.5	99.0	99.0
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	99.0	99.0	99.0	10.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	203	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	4	AS	4.0	oz/a	POST	C	309	99.0	99.0	99.0	0.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.0	oz/a	POST	C	411	99.0	99.0	99.0	5.0	99.0	99.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	INDUCE			0.25	% v/v	POST	C							
							Mean =		99.0	99.0	99.0	3.8	99.0	99.0

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT												
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code							Agrass	laqta	Dedto	----	Amapa	Rapra
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							Jun-12-20	Jun-12-20	Jun-12-20	Jun-22-20	Jun-22-20	Jun-22-20
Trt-Eval Interval												
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate Unit	Stg	Code Plot	13	14	15	16	17	18
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 107	99.0	99.0	99.0	10.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 211	99.0	99.0	99.0	5.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.0 oz/a	EPOST	B 310	99.0	99.0	99.0	10.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 401	99.0	99.0	99.0	10.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.0 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
						Mean =	99.0	99.0	99.0	8.8	99.0	99.0
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 108	99.0	99.0	99.0	5.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 212	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	4	AS	4.0 oz/a	POST	C 305	99.0	99.0	99.0	0.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C 409	99.0	99.0	99.0	10.0	99.0	99.0
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
						Mean =	99.0	99.0	99.0	3.8	99.0	99.0
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	99.0	99.0	99.0	15.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 204	99.0	99.0	99.0	10.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B 311	99.0	99.0	99.0	10.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 410	99.0	99.0	99.0	10.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
						Mean =	99.0	99.0	99.0	11.3	99.0	99.0
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	99.0	99.0	99.0	0.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 202	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	4	AS	4.0 oz/a	POST	C 308	99.0	99.0	99.0	0.0	9.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C 412	99.0	99.0	99.0	0.0	95.0	99.0
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
						Mean =	99.0	99.0	99.0	0.0	75.5	99.0
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	99.0	99.0	99.0	0.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 201	99.0	99.0	99.0	5.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B 306	99.0	99.0	99.0	0.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 402	99.0	99.0	99.0	5.0	99.0	99.0
	CADRE	4	AS	4.0 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						
						Mean =	99.0	99.0	99.0	2.5	99.0	99.0
12	NTC					112	0.0	0.0	0.0	0.0	0.0	0.0
						205	0.0	0.0	0.0	0.0	0.0	0.0
						303	0.0	0.0	0.0	0.0	0.0	0.0
						406	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

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT												
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Agrass	Dedto	Amapa	Rapra	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							Jun-22-20	Jun-22-20	Jul-1-20	Jul-1-20	Jul-1-20	Jul-1-20
Trt-Eval Interval												
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	19	20	21	22

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT												
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Agrass	Dedto	Amapa	Rapra	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							Jun-22-20	Jun-22-20	Jul-1-20	Jul-1-20	Jul-1-20	Jul-1-20
Trt-Eval Interval												
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate Unit	Stg	Code Plot	19	20	21	22	23	24
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 107	99.0	99.0	99.0	95.0	99.0	85.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 211	99.0	99.0	99.0	95.0	99.0	85.0
	ANTHEM FLEX	4	SL	3.0 oz/a	EPOST	B 310	99.0	99.0	99.0	99.0	99.0	85.0
	STORM	4	SL	16.0 oz/a	EPOST	B 401	99.0	99.0	99.0	95.0	99.0	90.0
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.0 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
Mean =							99.0	99.0	99.0	96.0	99.0	86.3
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 108	99.0	99.0	99.0	95.0	99.0	95.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 212	99.0	99.0	99.0	95.0	99.0	95.0
	CADRE	4	AS	4.0 oz/a	POST	C 305	99.0	99.0	99.0	95.0	99.0	85.0
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C 409	99.0	99.0	99.0	99.0	99.0	90.0
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
Mean =							99.0	99.0	99.0	96.0	99.0	91.3
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	99.0	99.0	99.0	95.0	99.0	95.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 204	99.0	99.0	99.0	95.0	99.0	85.0
	ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B 311	99.0	99.0	99.0	99.0	99.0	90.0
	STORM	4	SL	16.0 oz/a	EPOST	B 410	99.0	99.0	99.0	99.0	99.0	90.0
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
Mean =							99.0	99.0	99.0	97.0	99.0	90.0
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	99.0	99.0	99.0	95.0	99.0	95.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 202	99.0	90.0	99.0	95.0	99.0	85.0
	CADRE	4	AS	4.0 oz/a	POST	C 308	99.0	90.0	99.0	95.0	99.0	85.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C 412	99.0	99.0	95.0	95.0	99.0	95.0
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
Mean =							99.0	94.5	98.0	95.0	99.0	90.0
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	99.0	95.0	99.0	95.0	99.0	95.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 201	99.0	99.0	99.0	95.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B 306	99.0	90.0	99.0	95.0	99.0	65.0
	STORM	4	SL	16.0 oz/a	EPOST	B 402	99.0	85.0	99.0	99.0	99.0	65.0
	CADRE	4	AS	4.0 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						
Mean =							99.0	92.3	99.0	96.0	99.0	80.0
12	NTC					112	0.0	0.0	0.0	0.0	0.0	0.0
						205	0.0	0.0	0.0	0.0	0.0	0.0
						303	0.0	0.0	0.0	0.0	0.0	0.0
						406	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

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT												
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Amapa	Rapra	Agrass	Dedto	AMAPA	Agrass
Crop Code											-----	-----
Part Rated												
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							Jul-21-20	Jul-21-20	Jul-21-20	Jul-21-20	Aug-19-20	Aug-19-20
Trt-Eval Interval												
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	25	26	27	28
									29			30
1	NTC						101		0.0	0.0	0.0	0.0
							209		0.0	0.0	0.0	0.0
							312		0.0	0.0	0.0	0.0
							408		0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	102	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	210	99.0	99.0	99.0	99.0
	ULTRA BLAZER	2	SL	24.0	oz/a	POST	C	301	99.0	99.0	95.0	99.0
	ANTHEM FLEX	4	SL	3.0	oz/a	POST	C	405	99.0	99.0	99.0	85.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C				99.0	99.0
	INDUCE			0.25	% v/v	POST	C					
							Mean =		99.0	99.0	98.0	95.5
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	208	99.0	99.0	99.0	99.0
	ULTRA BLAZER	2	SL	24.0	oz/a	POST	C	302	99.0	99.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.5	oz/a	POST	C	404	99.0	99.0	95.0	99.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C				90.0	99.0
	INDUCE			0.25	% v/v	POST	C					
							Mean =		99.0	99.0	98.0	96.8
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	99.0	99.0	99.0	99.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	207	99.0	99.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.0	oz/a	EPOST	B	304	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	407	99.0	99.0	99.0	99.0
	INDUCE			0.25	% v/v	EPOST	B					
	CADRE	4	AS	4.0	oz/a	POST	C					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
							Mean =		99.0	99.0	99.0	99.0
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	99.0	99.0	99.0	99.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	206	99.0	99.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.5	oz/a	EPOST	B	307	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	403	99.0	99.0	99.0	99.0
	INDUCE			0.25	% v/v	EPOST	B					
	CADRE	4	AS	4.0	oz/a	POST	C					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
							Mean =		99.0	99.0	99.0	98.0
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	203	99.0	99.0	99.0	99.0
	CADRE	4	AS	4.0	oz/a	POST	C	309	99.0	99.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.0	oz/a	POST	C	411	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
							Mean =		99.0	99.0	99.0	99.0

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT												
Trial ID:		PE-12-20		Study Dir.:		BLAIR COLVIN						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Amapa	Rapra	Agrass	Dedto	AMAPA	Agrass
Crop Code											-----	-----
Part Rated												
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							Jul-21-20	Jul-21-20	Jul-21-20	Jul-21-20	Aug-19-20	Aug-19-20
Trt-Eval Interval												
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate Unit	Stg	Code Plot	25	26	27	28	29	30
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 107	99.0	99.0	99.0	99.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 211	99.0	99.0	99.0	99.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.0 oz/a	EPOST	B 310	99.0	99.0	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 401	99.0	99.0	99.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.0 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
Mean =							99.0	99.0	99.0	99.0	99.0	99.0
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 108	99.0	99.0	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 212	99.0	99.0	99.0	99.0	95.0	99.0
	CADRE	4	AS	4.0 oz/a	POST	C 305	99.0	99.0	99.0	99.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C 409	99.0	99.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
Mean =							99.0	99.0	99.0	99.0	98.0	99.0
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	99.0	99.0	99.0	99.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 204	99.0	99.0	99.0	99.0	99.0	99.0
	ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B 311	99.0	99.0	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 410	99.0	99.0	99.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	4	AS	4.0 oz/a	POST	C						
	ANTHEM FLEX	4	SL	3.5 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
Mean =							99.0	99.0	99.0	99.0	99.0	99.0
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	99.0	99.0	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A 202	99.0	99.0	99.0	99.0	95.0	99.0
	CADRE	4	AS	4.0 oz/a	POST	C 308	99.0	99.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C 412	99.0	99.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
Mean =							99.0	99.0	99.0	99.0	98.0	99.0
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	99.0	99.0	99.0	99.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 201	99.0	99.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B 306	99.0	99.0	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 402	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	4	AS	4.0 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						
Mean =							99.0	99.0	99.0	99.0	99.0	99.0
12	NTC					112	0.0	0.0	0.0	0.0	0.0	0.0
						205	0.0	0.0	0.0	0.0	0.0	0.0
						303	0.0	0.0	0.0	0.0	0.0	0.0
						406	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

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT										
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code							Dedto	Total	-----	-----
Crop Code							-----	Weed	-----	-----
Part Rated									ARAHY	ARAHY
Rating Data Type									DIRTY -	CLEAN -
Rating Unit							Control	Cover	YIELD	YIELD
Rating Date							Percent	Percent	LBS/PLOT	LBS/PLOT
Trt-Eval Interval							Aug-19-20	Aug-19-20	Oct-6-20	Oct-6-20
PRM Data Type										
# Subsamples, Dec.									- 1	TY2
									- 1	- 0
Trt Treatment	Form	Form	Rate	Grow	Appl					
No. Name	Conc	Type	Rate	Unit	Stg	Code Plot	31	32	33	34
1 NTC						101	0.0	100.0	0.0	0.0
						209	0.0	100.0	0.0	0.0
						312	0.0	100.0	0.0	0.0
						408	0.0	100.0	0.0	0.0
						Mean =	0.0	100.0	0.0	0.0
2 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	102	95.0	40.0	15.9	15.6
VALOR SX	51 WG		3.0 oz/a	PRE	A	210	95.0	40.0	15.8	15.5
ULTRA BLAZER	2 SL		24.0 oz/a	POST	C	301	95.0	40.0	20.0	19.6
ANTHEM FLEX	4 SL		3.0 oz/a	POST	C	405	95.0	25.0	16.7	16.4
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
						Mean =	95.0	36.3	17.1	16.8
3 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	103	99.0	20.0	17.9	17.5
VALOR SX	51 WG		3.0 oz/a	PRE	A	208	95.0	30.0	17.7	17.3
ULTRA BLAZER	2 SL		24.0 oz/a	POST	C	302	99.0	15.0	17.5	17.2
ANTHEM FLEX	4 SL		3.5 oz/a	POST	C	404	95.0	10.0	19.4	19.0
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
						Mean =	97.0	18.8	18.1	17.8
4 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	104	99.0	5.0	21.7	21.3
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B	207	90.0	10.0	20.5	20.1
ANTHEM FLEX	4 SL		3.0 oz/a	EPOST	B	304	99.0	0.0	18.0	17.6
STORM	4 SL		16.0 oz/a	EPOST	B	407	99.0	5.0	16.8	16.5
INDUCE			0.25 % v/v	EPOST	B					
CADRE	4 AS		4.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
						Mean =	96.8	5.0	19.3	18.9
5 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	105	95.0	5.0	20.5	20.1
GRAMOXONE	3 SL		8.0 oz/a	EPOST	B	206	95.0	5.0	18.0	17.6
ANTHEM FLEX	4 SL		3.5 oz/a	EPOST	B	307	99.0	1.0	.	.
STORM	4 SL		16.0 oz/a	EPOST	B	403	99.0	1.0	19.8	19.4
INDUCE			0.25 % v/v	EPOST	B					
CADRE	4 AS		4.0 oz/a	POST	C					
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
						Mean =	97.0	3.0	19.4	19.0
6 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	106	95.0	5.0	20.6	20.2
VALOR SX	51 WG		3.0 oz/a	PRE	A	203	95.0	0.0	21.1	20.7
CADRE	4 AS		4.0 oz/a	POST	C	309	95.0	1.0	21.2	20.8
ANTHEM FLEX	4 SL		3.0 oz/a	POST	C	411	95.0	1.0	21.5	21.1
2,4-DB	1.75 SL		16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
						Mean =	95.0	1.8	21.1	20.7

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ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE IN PEANUT										
Trial ID: PE-12-20		Study Dir.: BLAIR COLVIN								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code						Dedto	Total	-----	-----	-----
Crop Code						-----	Weed	ARAHY	ARAHY	ARAHY
Part Rated								DIRTY -	CLEAN -	CLEAN -
Rating Data Type						Control	Cover	YIELD	YIELD	YIELD
Rating Unit						Percent	Percent	LBS/PLOT	LBS/PLOT	LBS/A
Rating Date						Aug-19-20	Aug-19-20	Oct-6-20	Oct-6-20	Oct-6-20
Trt-Eval Interval										
PRM Data Type									T1	TY2
# Subsamples, Dec.								- 1	- 1	- 0
Trt Treatment	Form	Form	Rate	Grow	Appl					
No. Name	Conc	Type	Unit	Stg	Code Plot	31	32	33	34	35
7 PROWL H20	3.8	SC	32.0 oz/a	PRE	A 107	99.0	10.0	21.3	20.9	5840
GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 211	95.0	25.0	19.7	19.3	5401
ANTHEM FLEX	4	SL	3.0 oz/a	EPOST	B 310	95.0	1.0	19.3	18.9	5291
STORM	4	SL	16.0 oz/a	EPOST	B 401	99.0	5.0	19.9	19.5	5456
INDUCE			0.25 % v/v	EPOST	B					
CADRE	4	AS	4.0 oz/a	POST	C					
ANTHEM FLEX	4	SL	3.0 oz/a	POST	C					
2,4-DB	1.75	SL	16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
Mean =						97.0	10.3	20.1	19.6	5497
8 PROWL H20	3.8	SC	32.0 oz/a	PRE	A 108	95.0	10.0	20.6	20.2	5648
VALOR SX	51	WG	3.0 oz/a	PRE	A 212	95.0	5.0	22.3	21.9	6114
CADRE	4	AS	4.0 oz/a	POST	C 305	99.0	1.0	21.2	20.8	5812
ANTHEM FLEX	4	SL	3.5 oz/a	POST	C 409	99.0	1.0	18.7	18.3	5127
2,4-DB	1.75	SL	16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
Mean =						97.0	4.3	20.7	20.3	5675
9 PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	95.0	10.0	21.3	20.9	5840
GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 204	95.0	0.0	18.0	17.6	4935
ANTHEM FLEX	4	SL	3.5 oz/a	EPOST	B 311	95.0	5.0	16.9	16.6	4633
STORM	4	SL	16.0 oz/a	EPOST	B 410	99.0	0.0	20.8	20.4	5702
INDUCE			0.25 % v/v	EPOST	B					
CADRE	4	AS	4.0 oz/a	POST	C					
ANTHEM FLEX	4	SL	3.5 oz/a	POST	C					
2,4-DB	1.75	SL	16.0 oz/a	POST	C					
INDUCE			0.25 % v/v	POST	C					
Mean =						96.0	3.8	19.3	18.9	5278
10 PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	99.0	5.0	22.1	21.7	6059
VALOR SX	51	WG	3.0 oz/a	PRE	A 202	95.0	1.0	20.4	20.0	5593
CADRE	4	AS	4.0 oz/a	POST	C 308	95.0	1.0	22.6	22.1	6196
DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C 412	99.0	1.0	22.7	22.2	6223
2,4-DB	1.75	SL	16.0 oz/a	POST	C					
Mean =						97.0	2.0	22.0	21.5	6018
11 PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	99.0	5.0	20.9	20.5	5730
GRAMOXONE	3	SL	8.0 oz/a	EPOST	B 201	90.0	1.0	20.9	20.5	5730
DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B 306	99.0	1.0	20.8	20.4	5702
STORM	4	SL	16.0 oz/a	EPOST	B 402	95.0	1.0	20.4	20.0	5593
CADRE	4	AS	4.0 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					
Mean =						95.8	2.0	20.8	20.3	5689
12 NTC					112	0.0	100.0	0.0	0.0	0
					205	0.0	100.0	0.0	0.0	0
					303	0.0	100.0	0.0	0.0	0
					406	0.0	100.0	0.0	0.0	0
Mean =						0.0	100.0	0.0	0.0	0

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**ANTHEM FLEX - WEED CONTROL AND CROP RESPONSE
IN PEANUT**

Trial ID: PE-12-20 Study Dir.: BLAIR COLVIN
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

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

Dedto = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.

Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.

Iaqta = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.

Part Rated

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

Leaf = LEAF / FOLIAGE

PRM Data Type

T1 = [33]*0.98

TY2 = 279.752*[34]