

University of Georgia

WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3 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
1	NTC									-	101	209	305
2	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		15 GPA	9.375 mL/mx	1472.0 mL	102	204	308
	STORM	4 SL		16.0 oz/a		EPOST A		15 GPA	12.5 mL/mx				
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A		15 GPA	2.344 mL/mx				
	INDUCE			0.25 % v/v		EPOST A		15 GPA	3.75 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST B		15 GAL/AC	3.125 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST B		15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST B		15 GAL/AC	3.75 mL/mx				
3	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		15 GPA	9.375 mL/mx	1465.6 mL	103	210	301
	STORM	4 SL		16.0 oz/a		EPOST A		15 GPA	12.5 mL/mx				
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST A		15 GPA	12.5 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST B		15 GAL/AC	3.125 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST B		15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST B		15 GAL/AC	3.75 mL/mx				
4	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		15 GPA	9.375 mL/mx	1436.9 mL	104	201	304
	STORM	4 SL		16.0 oz/a		EPOST A		15 GPA	12.5 mL/mx				
	WARRANT	3 ME		48.0 oz/a		EPOST A		15 GPA	37.5 mL/mx				
	INDUCE			0.25 % v/v		EPOST A		15 GPA	3.75 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST B		15 GAL/AC	3.125 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST B		15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST B		15 GAL/AC	3.75 mL/mx				
5	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		15 GPA	9.375 mL/mx	1468.1 mL	105	207	310
	STORM	4 SL		16.0 oz/a		EPOST A		15 GPA	12.5 mL/mx				
	OUTLOOK	6 EC		12.8 oz/a		EPOST A		15 GPA	10.0 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST B		15 GAL/AC	3.125 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST B		15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST B		15 GAL/AC	3.75 mL/mx				
6	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		15 GPA	9.375 mL/mx	1465.6 mL	106	212	303
	STORM	4 SL		16.0 oz/a		EPOST A		15 GPA	12.5 mL/mx				
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST A		15 GPA	12.5 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST B		15 GAL/AC	3.125 mL/mx				
	ANTHEM FLEX	4 SE		3.0 oz/a		POST B		15 GAL/AC	2.344 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST B		15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST B		15 GAL/AC	3.75 mL/mx				
7	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		15 GPA	9.375 mL/mx	1472.0 mL	107	208	311
	STORM	4 SL		16.0 oz/a		EPOST A		15 GPA	12.5 mL/mx				
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A		15 GPA	2.344 mL/mx				
	INDUCE			0.25 % v/v		EPOST A		15 GPA	3.75 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST B		15 GAL/AC	3.125 mL/mx				
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST B		15 GAL/AC	12.5 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST B		15 GAL/AC	12.5 mL/mx				
8	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		15 GPA	9.375 mL/mx	1472.0 mL	108	203	312
	STORM	4 SL		16.0 oz/a		EPOST A		15 GPA	12.5 mL/mx				
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A		15 GPA	2.344 mL/mx				
	INDUCE			0.25 % v/v		EPOST A		15 GPA	3.75 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST B		15 GAL/AC	3.125 mL/mx				
	ANTHEM FLEX	4 SE		3.0 oz/a		POST B		15 GAL/AC	2.344 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST B		15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST B		15 GAL/AC	3.75 mL/mx				

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 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3 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	Rep 2	Rep 3
9	GRAMOXONE	2 SL		12.0 oz/a		EPOST	A	15 GPA	9.375 mL/mx	1472.0 mL	109	211	302
	STORM	4 SL		16.0 oz/a		EPOST	A	15 GPA	12.5 mL/mx				
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST	A	15 GPA	2.344 mL/mx				
	INDUCE			0.25 % v/v		EPOST	A	15 GPA	3.75 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx				
	WARRANT	3 ME		48.0 oz/a		POST	B	15 GAL/AC	37.5 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST	B	15 GAL/AC	3.75 mL/mx				
10	GRAMOXONE	2 SL		12.0 oz/a		EPOST	A	15 GPA	9.375 mL/mx	1436.9 mL	110	202	307
	STORM	4 SL		16.0 oz/a		EPOST	A	15 GPA	12.5 mL/mx				
	WARRANT	3 ME		48.0 oz/a		EPOST	A	15 GPA	37.5 mL/mx				
	INDUCE			0.25 % v/v		EPOST	A	15 GPA	3.75 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx				
	ANTHEM FLEX	4 SE		3.0 oz/a		POST	B	15 GAL/AC	2.344 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST	B	15 GAL/AC	3.75 mL/mx				
11	GRAMOXONE	2 SL		12.0 oz/a		EPOST	A	15 GPA	9.375 mL/mx	1472.0 mL	111	206	309
	STORM	4 SL		16.0 oz/a		EPOST	A	15 GPA	12.5 mL/mx				
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST	A	15 GPA	2.344 mL/mx				
	INDUCE			0.25 % v/v		EPOST	A	15 GPA	3.75 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx				
	OUTLOOK	6 EC		12.8 oz/a		POST	B	15 GAL/AC	10.0 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST	B	15 GAL/AC	3.75 mL/mx				
12	GRAMOXONE	2 SL		12.0 oz/a		EPOST	A	15 GPA	9.375 mL/mx	1468.1 mL	112	205	306
	STORM	4 SL		16.0 oz/a		EPOST	A	15 GPA	12.5 mL/mx				
	OUTLOOK	6 EC		12.8 oz/a		EPOST	A	15 GPA	10.0 mL/mx				
	CADRE	2 AS		4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx				
	ANTHEM FLEX	4 SE		3.0 oz/a		POST	B	15 GAL/AC	2.344 mL/mx				
	2,4-DB	2 SL		16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST	B	15 GAL/AC	3.75 mL/mx				

Sort Order: Treatment

Trial Comments

DIGGING DATE: 09/15/22 (142 DAYS)
 HARVEST DATE: 09/19/22
 HARVEST MOISTURE: 14.6%
 YIELDS ADJUSTED TO 10%
 2% YIELD DEDUCTION FOR FM

SUMMARY:

1) GENERALLY, ANTHEM FLEX WAS MORE INJURIOUS TO PEANUT THAN THE OTHER GROUP 15 HERBICIDES WHEN APPLIED EPOST OR POST.

2) GENERALLY, NOT MUCH DIFFERENCE IN WEED CONTROL BETWEEN THE GROUP 15 HERBICIDES IN THIS TEST EXCEPT FOR WHEN WARRANT WAS APPLIED EPOST. ANNUAL GRASS AND WILD RADISH CONTROL WERE LOWER IN THIS SCENARIO.

3) ON THE LAST RATING DATE , AUGUST 8 (102 DAP), ALL TREATMENTS PROVIDED AT LEAST 89% CONTROL OF PALMER AMARANTH AND AT LEAST 90% CONTROL OF ANNUAL GRASSES EXCEPT FOR THE FOLLOWING:

A) GRAMOXONE + STORM + DUAL MAGNUM (EPOST) FB CADRE + ANTHEM FLEX + 2,4-DB (POST): 83% CONTROL OF ANNUAL GRASSES

B) GRAMOXONE + STORM + WARRANT (EPOST) FB CADRE + ANTHEM FLEX + 2,4-DB (POST): 88% CONTROL OF PALMER AMARANTH AND 75% CONTROL OF ANNUAL GRASSES

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM,
WARRANT, AND OUTLOOK

Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
Location: PONDER FARM Investigator: Eric P. Prostko

4) ALL TREATMENTS RESULTED IN HIGHER YIELDS THAN THE NTC. GENERALLY, YIELDS WERE SIMILAR BETWEEN TREATMENTS. BUT, A FEW DIFFERENCES WERE OBSERVED AS FOLLOWS:

A) GRAMOXONE + STORM + WARRANT FB CADRE + ANTHEM FLEX + 2,4-DB HAD HIGHER YIELDS THAN 5 OTHER TREATMENTS.

B) GRAMOXONE + STORM + ANTHEM FLEX FB CADRE + OUTLOOK + 2,4-DB HAD HIGHER YIELDS THAN 3 OTHER TREATMENTS.

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: BLAIR COLVIN **Title:** _____
Affiliation: _____
Postal Code: _____
Investigator: Eric P. Prostko **Title:** _____
Affiliation: _____
Postal Code: _____

TRIAL LOCATION

City: _____ **Trial Status:** E
State/Prov.: _____ **Trial Reliability:** _____
Postal Code: _____ **Initiation Date:** _____
Country: _____ **Planned Completion Date:** _____
E-Longitude of LL Corner °: _____ **N-Latitude of LL Corner °:** _____
Altitude of LL Corner: _____ **Unit:** _____ **Angle y-axis to North °:** _____
Directions: _____

COOPERATOR/LANDOWNER

Cooperator: _____ **Country:** _____
Org: _____ **Phone No:** _____
Address 1: _____ **Fax No:** _____
Address 2: _____
City: _____
State/Prov: _____
Postal Code: _____

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N
Guidelines: _____ **Guideline Description:** _____

Objective: _____

Conclusions: _____

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	AMAPA	PA	LMER AMARANTH
2.	AGRASS	TX	PANICUM/CRAB/GOOSE
3.	RAPRA	WI	LD RADISH
4.	IPOLA	PI	TTED MG

Crop 1: ARAHY PEANUT **Variety:** GA-16HO
Planting Date: Apr-27-22 **Planting Method:** MONOSEM TWIN ROW
Rate: 3.1 SEED/FT **Depth:** 2 IN **Perennial Age:** _____
Row Spacing: _____ **Spacing Within Row:** _____ **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

SITE AND DESIGN

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 3
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	FIELD CORN		2021

MAINTENANCE

Field Prep./Maintenance: 1.5 TONS/A LIME-PREPLANT
 300 LBS/A 5-15-30-PREPLANT
 RANCONA VPD SEED TRT
 THIMET 20G INFR @ 5 LBS/A
 36"-9" TWIN ROWS

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 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

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

SOIL DESCRIPTION
 % Sand: 94 % OM: 0.61 Texture: SAND
 % Silt: 4 pH: 6.0 Soil Name: TIFTON
 % Clay: 2 CEC: 2.6 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	Apr-28-22		0.5	IN	SPRINKLER - LATERAL MOVE		
2.	May-2-22		0.5	IN	SPRINKLER - LATERAL MOVE		
3.	May-3-22		0.3	IN	SPRINKLER - LATERAL MOVE		
4.	May-6-22		0.45	IN	RAINFALL		
5.	May-10-22	1PM	0.38	IN	SPRINKLER - LATERAL MOVE		
6.	May-17-22		0.5	IN	SPRINKLER - LATERAL MOVE		
7.	May-24-22	4 PM	1.8	IN	RAINFALL		
8.	Jun-3-22		0.5	IN	SPRINKLER - LATERAL MOVE		
9.	Jun-7-22		0.5	IN	SPRINKLER - LATERAL MOVE		

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

APPLICATION DESCRIPTION

	A	B
Application Date:	May-10-22	May-31-22
Time of Day:	6:58 AM	6:36 AM
Application Method:	BROADCAST	BROADCAST
Application Timing:	EPOST	POST
Applic. Placement:	FOLIAGE	FOLIAGE
Air Temp., Unit:	53 F	69 F
% Relative Humidity:	91	95
Wind Velocity, Unit:	0 MPH	1 MPH
Dew Presence (Y/N):	Y	Y
Water Hardness:	--	--
Soil Temp., Unit:	60 F	76 F
Soil Moisture:	OPTIMUM	OPTIMUM
% Cloud Cover:	0	100

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	ARAHY,	ARAHY,
Stage Scale:	V4	R1
Height, Unit:	3, IN	4, IN

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
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WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code, Stage:	AMAPA,	AMAPA,
Stage Scale:	0.5-1"	1-12"
Density, Unit:		
Weed 2 Code, Stage:	AGRAS,	AGRAS,
Stage Scale:	0.5-1"	2-4"
Density, Unit:		
Weed 3 Code, Stage:	RAPRA,	RAPRA,
Stage Scale:	0.5-1"	2-3"
Density, Unit:		
Weed 4 Code, Stage:	IPOLA,	IPOLA,
Stage Scale:	1"	2-4"
Density, Unit:		

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	BACKPACK	SAME AS A
Operating Pressure:	35	
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):		

Trt No	Treatment Application Comment

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK													
Trial ID:		PE-11-22		Study Dir.:		BLAIR COLVIN							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	----- Arahy Leaf, - Necrosis %	Control %	Control %	Control %	Control %	Control %		
					May-13-22	May-13-22	May-13-22	May-13-22	May-20-22	May-20-22	May-20-22		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Grow Stg	Appl Code	1	2	3	4	5	6
1	NTC							0.0 c	0.0 b	0.0 b	0.0 b	0.0 d	0.0 f
2	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE 2,4-DB INDUCE	2 SL 4 SL 4 SE 2 AS 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 0.25 % v/v	oz/a oz/a oz/a v/v oz/a oz/a v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B		45.0 a	99.0 a	99.0 a	100.0 a	96.7 ab	96.3 ab
3	GRAMOXONE STORM DUAL MAGNUM CADRE 2,4-DB INDUCE	2 SL 4 SL 7.62 EC 2 AS 2 SL		12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 16.0 oz/a 0.25 % v/v	oz/a oz/a oz/a oz/a oz/a v/v	EPOST A EPOST A EPOST A POST B POST B POST B		30.0 b	99.0 a	99.0 a	100.0 a	91.7 bc	90.0 cde
4	GRAMOXONE STORM WARRANT INDUCE CADRE 2,4-DB INDUCE	2 SL 4 SL 3 ME 2 AS 2 SL		12.0 oz/a 16.0 oz/a 48.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 0.25 % v/v	oz/a oz/a oz/a v/v oz/a oz/a v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B		30.0 b	99.0 a	99.0 a	100.0 a	90.0 c	88.3 de
5	GRAMOXONE STORM OUTLOOK CADRE 2,4-DB INDUCE	2 SL 4 SL 6 EC 2 AS 2 SL		12.0 oz/a 16.0 oz/a 12.8 oz/a 4.0 oz/a 16.0 oz/a 0.25 % v/v	oz/a oz/a oz/a oz/a oz/a v/v	EPOST A EPOST A EPOST A POST B POST B POST B		26.7 b	99.0 a	99.0 a	100.0 a	96.7 ab	98.3 a
6	GRAMOXONE STORM DUAL MAGNUM CADRE ANTHEM FLEX 2,4-DB INDUCE	2 SL 4 SL 7.62 EC 2 AS 4 SE 2 SL		12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 3.0 oz/a 16.0 oz/a 0.25 % v/v	oz/a oz/a oz/a oz/a oz/a oz/a v/v	EPOST A EPOST A EPOST A POST B POST B POST B POST B		25.0 b	99.0 a	99.0 a	100.0 a	91.7 bc	93.3 a-d
7	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE DUAL MAGNUM 2,4-DB	2 SL 4 SL 4 SE 2 AS 7.62 EC 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 16.0 oz/a	oz/a oz/a oz/a v/v oz/a oz/a oz/a	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B		46.7 a	99.0 a	99.0 a	100.0 a	98.3 a	91.7 b-e
8	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE ANTHEM FLEX 2,4-DB INDUCE	2 SL 4 SL 4 SE 2 AS 4 SE 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 3.0 oz/a 16.0 oz/a 0.25 % v/v	oz/a oz/a oz/a v/v oz/a oz/a oz/a v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B POST B		40.0 a	99.0 a	99.0 a	100.0 a	96.7 ab	95.0 abc

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.
 Could not calculate LSD (% mean diff) for columns 2,3,4,17 because error mean square = 0.
 ^Calculated from residual.

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Location: PONDER FARM		Investigator: Eric P. Prostko					
Weed Code		-----	Amapa	Agrass	Amapa	Rapra	Agrass
Crop Code		Arahy	-----	-----	-----	-----	-----
Part Rated		Leaf, -					
Rating Data Type		Necrosis	Control	Control	Control	Control	Control
Rating Unit		%	%	%	%	%	%
Rating Date		May-13-22	May-13-22	May-13-22	May-20-22	May-20-22	May-20-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	
9	GRAMOXONE	2 SL		12.0 oz/a	EPOST A		43.3 a
	STORM	4 SL		16.0 oz/a	EPOST A		99.0 a
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A		99.0 a
	INDUCE			0.25 % v/v	EPOST A		100.0 a
	CADRE	2 AS		4.0 oz/a	POST B		95.0 abc
	WARRANT	3 ME		48.0 oz/a	POST B		96.7 ab
	2,4-DB	2 SL		16.0 oz/a	POST B		
	INDUCE			0.25 % v/v	POST B		
10	GRAMOXONE	2 SL		12.0 oz/a	EPOST A		28.3 b
	STORM	4 SL		16.0 oz/a	EPOST A		99.0 a
	WARRANT	3 ME		48.0 oz/a	EPOST A		99.0 a
	INDUCE			0.25 % v/v	EPOST A		100.0 a
	CADRE	2 AS		4.0 oz/a	POST B		91.7 bc
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B		86.7 e
	2,4-DB	2 SL		16.0 oz/a	POST B		
	INDUCE			0.25 % v/v	POST B		
11	GRAMOXONE	2 SL		12.0 oz/a	EPOST A		43.3 a
	STORM	4 SL		16.0 oz/a	EPOST A		99.0 a
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A		99.0 a
	INDUCE			0.25 % v/v	EPOST A		100.0 a
	CADRE	2 AS		4.0 oz/a	POST B		98.3 a
	OUTLOOK	6 EC		12.8 oz/a	POST B		95.0 abc
	2,4-DB	2 SL		16.0 oz/a	POST B		
12	GRAMOXONE	2 SL		12.0 oz/a	EPOST A		26.7 b
	STORM	4 SL		16.0 oz/a	EPOST A		99.0 a
	OUTLOOK	6 EC		12.8 oz/a	EPOST A		99.0 a
	CADRE	2 AS		4.0 oz/a	POST B		100.0 a
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B		95.0 abc
	2,4-DB	2 SL		16.0 oz/a	POST B		95.0 abc
	INDUCE			0.25 % v/v	POST B		
LSD P=.10							7.40
Standard Deviation							5.28
CV							16.45
Grand Mean							32.08
Bartlett's X2^							16.93
P(Bartlett's X2)							0.11
							.
							0.00
							0.00
							0.00
							90.75
							.
							.
							5.17
							3.68
							4.24
							86.81
							17.559
							0.092
							85.53
							16.736
							0.116

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.
 Could not calculate LSD (% mean diff) for columns 2,3,4,17 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK													
Trial ID:		PE-11-22		Study Dir.:		BLAIR COLVIN							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Amapa ----- Control %	Rapra ----- Control %	Agrass ----- Control %	----- ARAHY PLANT, - STUNTING %	----- ARAHY LEAF, - NECROSIS %	AMAPA ----- CONTROL %		
						May-31-22	May-31-22	May-31-22	Jun-6-22	Jun-6-22	Jun-6-22		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	7	8	9	10	11	12
1	NTC							0.0 d	0.0 f	0.0 d	0.0 c	0.0 c	0.0 c
2	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE 2,4-DB INDUCE	2 SL 4 SL 4 SE 2 AS 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B			97.7 ab	97.7 a	90.0 ab	8.3 ab	1.7 bc	100.0 a
3	GRAMOXONE STORM DUAL MAGNUM CADRE 2,4-DB INDUCE	2 SL 4 SL 7.62 EC 2 AS 2 SL		12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B			94.7 bc	83.3 e	85.0 b	0.0 c	1.7 bc	96.7 ab
4	GRAMOXONE STORM WARRANT INDUCE CADRE 2,4-DB INDUCE	2 SL 4 SL 3 ME 2 AS 2 SL		12.0 oz/a 16.0 oz/a 48.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B			95.0 bc	81.7 e	75.0 c	0.0 c	0.0 c	95.0 b
5	GRAMOXONE STORM OUTLOOK CADRE 2,4-DB INDUCE	2 SL 4 SL 6 EC 2 AS 2 SL		12.0 oz/a 16.0 oz/a 12.8 oz/a 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B			97.7 ab	96.0 ab	93.3 ab	0.0 c	0.0 c	100.0 a
6	GRAMOXONE STORM DUAL MAGNUM CADRE ANTHEM FLEX 2,4-DB INDUCE	2 SL 4 SL 7.62 EC 2 AS 4 SE 2 SL		12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 3.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B POST B			97.7 ab	91.7 bc	90.0 ab	0.0 c	28.3 a	98.3 ab
7	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE DUAL MAGNUM 2,4-DB	2 SL 4 SL 4 SE 2 AS 7.62 EC 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 16.0 oz/a	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B			99.0 a	94.7 abc	93.0 ab	6.7 b	5.0 b	100.0 a
8	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE ANTHEM FLEX 2,4-DB INDUCE	2 SL 4 SL 4 SE 2 AS 4 SE 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 3.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B POST B			99.0 a	95.0 abc	96.3 a	11.7 a	25.0 a	100.0 a

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.
 Could not calculate LSD (% mean diff) for columns 2,3,4,17 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK													
Trial ID:		PE-11-22		Study Dir.:		BLAIR COLVIN							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Amapa	Rapra	Agrass	-----	-----	AMAPA		
						-----	-----	-----	ARAHY	ARAHY	-----		
						Control	Control	Control	PLANT, -	LEAF, -	CONTROL		
						%	%	%	STUNTING	NECROSIS	%		
						May-31-22	May-31-22	May-31-22	Jun-6-22	Jun-6-22	Jun-6-22		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	7	8	9	10	11	12
9	GRAMOXONE	2 SL		12.0 oz/a	EPOST	A		97.7 ab	93.3 abc	94.7 a	11.7 a	1.7 bc	98.3 ab
	STORM	4 SL		16.0 oz/a	EPOST	A							
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST	A							
	INDUCE			0.25 % v/v	EPOST	A							
	CADRE	2 AS		4.0 oz/a	POST	B							
	WARRANT	3 ME		48.0 oz/a	POST	B							
	2,4-DB	2 SL		16.0 oz/a	POST	B							
	INDUCE			0.25 % v/v	POST	B							
10	GRAMOXONE	2 SL		12.0 oz/a	EPOST	A		91.3 c	85.0 de	75.0 c	0.0 c	28.3 a	95.0 b
	STORM	4 SL		16.0 oz/a	EPOST	A							
	WARRANT	3 ME		48.0 oz/a	EPOST	A							
	INDUCE			0.25 % v/v	EPOST	A							
	CADRE	2 AS		4.0 oz/a	POST	B							
	ANTHEM FLEX	4 SE		3.0 oz/a	POST	B							
	2,4-DB	2 SL		16.0 oz/a	POST	B							
	INDUCE			0.25 % v/v	POST	B							
11	GRAMOXONE	2 SL		12.0 oz/a	EPOST	A		99.0 a	95.0 abc	90.0 ab	6.7 b	1.7 bc	100.0 a
	STORM	4 SL		16.0 oz/a	EPOST	A							
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST	A							
	INDUCE			0.25 % v/v	EPOST	A							
	CADRE	2 AS		4.0 oz/a	POST	B							
	OUTLOOK	6 EC		12.8 oz/a	POST	B							
	2,4-DB	2 SL		16.0 oz/a	POST	B							
12	GRAMOXONE	2 SL		12.0 oz/a	EPOST	A		99.0 a	90.0 cd	91.7 ab	0.0 c	28.3 a	100.0 a
	STORM	4 SL		16.0 oz/a	EPOST	A							
	OUTLOOK	6 EC		12.8 oz/a	EPOST	A							
	CADRE	2 AS		4.0 oz/a	POST	B							
	ANTHEM FLEX	4 SE		3.0 oz/a	POST	B							
	2,4-DB	2 SL		16.0 oz/a	POST	B							
	INDUCE			0.25 % v/v	POST	B							
LSD P=.10								3.97	5.22	8.96	4.88	3.84	4.12
Standard Deviation								2.83	3.73	6.39	3.48	2.74	2.94
CV								3.18	4.46	7.87	92.84	27.03	3.26
Grand Mean								88.97	83.61	81.17	3.75	10.14	90.28
Bartlett's X2^								31.736	18.344	14.301	27.198	27.937	30.533
P(Bartlett's X2)								0.001*	0.074	0.217	0.004*	0.003*	0.001*

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.
 Could not calculate LSD (% mean diff) for columns 2,3,4,17 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK													
Trial ID:		PE-11-22		Study Dir.:		BLAIR COLVIN							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code	AGRASS	RAPRA	Amapa	Agrass	Rapra	Amapa							
Crop Code	----	----	----	----	----	----							
Part Rated													
Rating Data Type	CONTROL	CONTROL	Control	Control	Control	Control							
Rating Unit	%	%	%	%	%	%							
Rating Date	Jun-6-22	Jun-6-22	Jun-21-22	Jun-21-22	Jun-21-22	Jul-5-22							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	13	14	15	16	17	18
1	NTC							0.0 e	0.0 f	0.0 c	0.0 c	0.0 b	0.0 d
2	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		95.0 ab	98.3 ab	98.3 ab	100.0 a	100.0 a	96.7 ab
	STORM	4 SL		16.0 oz/a		EPOST A							
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A							
	INDUCE			0.25 % v/v		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
3	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		90.0 bc	90.0 d	96.7 b	100.0 a	100.0 a	91.7 bc
	STORM	4 SL		16.0 oz/a		EPOST A							
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
4	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		81.7 d	85.0 e	96.7 b	100.0 a	100.0 a	96.7 ab
	STORM	4 SL		16.0 oz/a		EPOST A							
	WARRANT	3 ME		48.0 oz/a		EPOST A							
	INDUCE			0.25 % v/v		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
5	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		96.3 ab	96.7 ab	98.3 ab	100.0 a	100.0 a	98.3 a
	STORM	4 SL		16.0 oz/a		EPOST A							
	OUTLOOK	6 EC		12.8 oz/a		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
6	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		93.3 abc	95.0 bc	100.0 a	98.3 a	100.0 a	100.0 a
	STORM	4 SL		16.0 oz/a		EPOST A							
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
7	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		93.3 abc	95.0 bc	100.0 a	100.0 a	100.0 a	100.0 a
	STORM	4 SL		16.0 oz/a		EPOST A							
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A							
	INDUCE			0.25 % v/v		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
8	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		98.3 a	96.7 ab	100.0 a	100.0 a	100.0 a	100.0 a
	STORM	4 SL		16.0 oz/a		EPOST A							
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A							
	INDUCE			0.25 % v/v		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							

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.
 Could not calculate LSD (% mean diff) for columns 2,3,4,17 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK													
Trial ID:		PE-11-22		Study Dir.:		BLAIR COLVIN							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code	AGRASS	RAPRA	Amapa	Agrass	Rapra	Amapa							
Crop Code	----	----	----	----	----	----							
Part Rated													
Rating Data Type	CONTROL	CONTROL	Control	Control	Control	Control							
Rating Unit	%	%	%	%	%	%							
Rating Date	Jun-6-22	Jun-6-22	Jun-21-22	Jun-21-22	Jun-21-22	Jul-5-22							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	13	14	15	16	17	18
9	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		96.7 ab	100.0 a	98.3 ab	100.0 a	100.0 a	98.3 a
	STORM	4 SL		16.0 oz/a		EPOST A							
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A							
	INDUCE			0.25 % v/v		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	WARRANT	3 ME		48.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
10	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		86.7 cd	91.7 cd	96.7 b	95.0 b	100.0 a	88.3 c
	STORM	4 SL		16.0 oz/a		EPOST A							
	WARRANT	3 ME		48.0 oz/a		EPOST A							
	INDUCE			0.25 % v/v		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
11	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		96.7 ab	98.3 ab	100.0 a	100.0 a	100.0 a	100.0 a
	STORM	4 SL		16.0 oz/a		EPOST A							
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A							
	INDUCE			0.25 % v/v		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	OUTLOOK	6 EC		12.8 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
12	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		95.0 ab	96.7 ab	100.0 a	100.0 a	100.0 a	100.0 a
	STORM	4 SL		16.0 oz/a		EPOST A							
	OUTLOOK	6 EC		12.8 oz/a		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
LSD P=.10							7.11	4.21	2.73	2.42	.	5.98	
Standard Deviation							5.07	3.00	1.95	1.72	0.00	4.26	
CV							5.95	3.46	2.15	1.89	0.0	4.78	
Grand Mean							85.25	86.94	90.42	91.11	91.67	89.17	
Bartlett's X2^							27.471	5.793	10.842	59.568	.	21.643	
P(Bartlett's X2)							0.004*	0.887	0.457	0.00*	.	0.027*	

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.
 Could not calculate LSD (% mean diff) for columns 2,3,4,17 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK													
Trial ID:		PE-11-22		Study Dir.:		BLAIR COLVIN							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Agrass ----- Control % Jul-5-22	Amapa ----- Control % Aug-8-22	Agrass ----- Control % Aug-8-22	----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-19-22	----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-19-22	----- ARAHY YIELD, - YIELD LBS/A Sep-19-22		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	19	20	21	22	23	24
1	NTC							0.0 c	0.0 d	0.0 d	0.00 e	0.0 e	0.0 e
2	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE 2,4-DB INDUCE	2 SL 4 SL 4 SE 2 AS 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B			96.7 a	96.0 ab	96.0 a	19.80 cd	19.4 cd	5346.9 cd
3	GRAMOXONE STORM DUAL MAGNUM CADRE 2,4-DB INDUCE	2 SL 4 SL 7.62 EC 2 AS 2 SL		12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B			98.3 a	89.7 bc	94.7 a	19.50 cd	19.1 cd	5265.9 cd
4	GRAMOXONE STORM WARRANT INDUCE CADRE 2,4-DB INDUCE	2 SL 4 SL 3 ME 2 AS 2 SL		12.0 oz/a 16.0 oz/a 48.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B			95.0 a	96.3 a	90.0 ab	20.77 a-d	20.4 a-d	5608.0 a-d
5	GRAMOXONE STORM OUTLOOK CADRE 2,4-DB INDUCE	2 SL 4 SL 6 EC 2 AS 2 SL		12.0 oz/a 16.0 oz/a 12.8 oz/a 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B			100.0 a	97.7 a	95.0 a	21.10 abc	20.7 abc	5698.0 abc
6	GRAMOXONE STORM DUAL MAGNUM CADRE ANTHEM FLEX 2,4-DB INDUCE	2 SL 4 SL 7.62 EC 2 AS 4 SE 2 SL		12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 3.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B POST B			93.3 a	99.0 a	83.3 bc	20.77 a-d	20.4 a-d	5608.0 a-d
7	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE DUAL MAGNUM 2,4-DB	2 SL 4 SL 4 SE 2 AS 7.62 EC 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 16.0 oz/a	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B			100.0 a	99.0 a	99.0 a	18.87 d	18.5 d	5094.9 d
8	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE ANTHEM FLEX 2,4-DB INDUCE	2 SL 4 SL 4 SE 2 AS 4 SE 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 3.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B POST B			100.0 a	99.0 a	97.7 a	20.37 bcd	20.0 bcd	5499.9 bcd

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.
 Could not calculate LSD (% mean diff) for columns 2,3,4,17 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK													
Trial ID:		PE-11-22		Study Dir.:		BLAIR COLVIN							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Agrass ----- Control % Jul-5-22	Amapa ----- Control % Aug-8-22	Agrass ----- Control % Aug-8-22	----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-19-22	----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-19-22	----- ARAHY YIELD, - YIELD LBS/A Sep-19-22		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	19	20	21	22	23	24
9	GRAMOXONE	2	SL	12.0 oz/a	EPOST	A	A	98.3 a	99.0 a	97.7 a	20.40 bcd	20.0 bcd	5508.9 bcd
	STORM	4	SL	16.0 oz/a	EPOST	A	A						
	ANTHEM FLEX	4	SE	3.0 oz/a	EPOST	A	A						
	INDUCE			0.25 % v/v	EPOST	A	A						
	CADRE	2	AS	4.0 oz/a	POST	B	B						
	WARRANT	3	ME	48.0 oz/a	POST	B	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B	B						
	INDUCE			0.25 % v/v	POST	B	B						
10	GRAMOXONE	2	SL	12.0 oz/a	EPOST	A	A	81.7 b	88.0 c	75.0 c	22.43 a	22.0 a	6058.0 a
	STORM	4	SL	16.0 oz/a	EPOST	A	A						
	WARRANT	3	ME	48.0 oz/a	EPOST	A	A						
	INDUCE			0.25 % v/v	EPOST	A	A						
	CADRE	2	AS	4.0 oz/a	POST	B	B						
	ANTHEM FLEX	4	SE	3.0 oz/a	POST	B	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B	B						
	INDUCE			0.25 % v/v	POST	B	B						
11	GRAMOXONE	2	SL	12.0 oz/a	EPOST	A	A	100.0 a	99.0 a	96.3 a	22.20 ab	21.8 ab	5995.0 ab
	STORM	4	SL	16.0 oz/a	EPOST	A	A						
	ANTHEM FLEX	4	SE	3.0 oz/a	EPOST	A	A						
	INDUCE			0.25 % v/v	EPOST	A	A						
	CADRE	2	AS	4.0 oz/a	POST	B	B						
	OUTLOOK	6	EC	12.8 oz/a	POST	B	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B	B						
12	GRAMOXONE	2	SL	12.0 oz/a	EPOST	A	A	98.3 a	99.0 a	96.0 a	20.67 a-d	20.3 a-d	5581.0 a-d
	STORM	4	SL	16.0 oz/a	EPOST	A	A						
	OUTLOOK	6	EC	12.8 oz/a	EPOST	A	A						
	CADRE	2	AS	4.0 oz/a	POST	B	B						
	ANTHEM FLEX	4	SE	3.0 oz/a	POST	B	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B	B						
	INDUCE			0.25 % v/v	POST	B	B						
LSD P=.10								7.16	6.62	9.37	1.969	1.93	531.66
Standard Deviation								5.11	4.72	6.68	1.404	1.38	379.20
CV								5.77	5.34	7.86	7.43	7.43	7.43
Grand Mean								88.47	88.47	85.06	18.906	18.53	5105.37
Bartlett's X2^								26.419	45.654	17.57	5.035	5.035	5.035
P(Bartlett's X2)								0.006*	0.00*	0.092	0.929	0.929	0.929

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.
 Could not calculate LSD (% mean diff) for columns 2,3,4,17 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK					
Trial ID:	PE-11-22	Study Dir.:	BLAIR COLVIN		
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For ----- Arahy Leaf Necrosis % May-13-22 (Data Column 1)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	6268.750000			
Replicate	2	87.500000	43.750000	1.571	0.2302
Treatment	11	5568.750000	506.250000	18.184	0.0001
Error	22	612.500000	27.840909		
Randomized Complete Block (RCB) AOV For Amapa ----- Control % May-13-22 (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26952.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	26952.750000	2450.250000	0.000	1.0000
Error	22	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass ----- Control % May-13-22 (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26952.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	26952.750000	2450.250000	0.000	1.0000
Error	22	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Amapa ---- Control % May-20-22 (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	27500.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	27500.000000	2500.000000	0.000	1.0000
Error	22	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Rapra ----- Control % May-20-22 (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	25257.638889			
Replicate	2	34.722222	17.361111	1.279	0.2982
Treatment	11	24924.305556	2265.845960	166.935	0.0001
Error	22	298.611111	13.573232		
Randomized Complete Block (RCB) AOV For Agrass ----- Control % May-20-22 (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	24760.972222			
Replicate	2	96.722222	48.361111	3.389	0.0521
Treatment	11	24350.305556	2213.664141	155.125	0.0001
Error	22	313.944444	14.270202		
Randomized Complete Block (RCB) AOV For Amapa ---- Control % May-31-22 (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26268.972222			
Replicate	2	7.388889	3.694444	0.460	0.6371
Treatment	11	26084.972222	2371.361111	295.394	0.0001
Error	22	176.611111	8.027778		
Randomized Complete Block (RCB) AOV For Rapra ---- Control % May-31-22 (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	24110.555556			
Replicate	2	16.722222	8.361111	0.603	0.5562
Treatment	11	23788.555556	2162.595960	155.849	0.0001
Error	22	305.277778	13.876263		
Randomized Complete Block (RCB) AOV For Agrass ----- Control % May-31-22 (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	24159.000000			
Replicate	2	90.166667	45.083333	1.104	0.3493
Treatment	11	23170.333333	2106.393939	51.576	0.0001
Error	22	898.500000	40.840909		
Randomized Complete Block (RCB) AOV For ----- ARAHY PLANT STUNTING % Jun-6-22 (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	1068.750000			
Replicate	2	16.666667	8.333333	0.688	0.5133
Treatment	11	785.416667	71.401515	5.891	0.0002
Error	22	266.666667	12.121212		

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK			
Trial ID:	PE-11-22	Study Dir.:	BLAIR COLVIN
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Randomized Complete Block (RCB) AOV For ---- ARAHY LEAF NECROSIS % Jun-6-22 (Data Column 11)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	5674.305556			
Replicate	2	1.388889	0.694444	0.092	0.9121
Treatment	11	5507.638889	500.694444	66.647	0.0001
Error	22	165.277778	7.512626		

Randomized Complete Block (RCB) AOV For AMAPA ----- CONTROL % Jun-6-22 (Data Column 12)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26997.222222			
Replicate	2	9.722222	4.861111	0.562	0.5780
Treatment	11	26797.222222	2436.111111	281.664	0.0001
Error	22	190.277778	8.648990		

Randomized Complete Block (RCB) AOV For AGRASS ----- CONTROL % Jun-6-22 (Data Column 13)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	25318.750000			
Replicate	2	211.166667	105.583333	4.103	0.0306
Treatment	11	24541.416667	2231.037879	86.693	0.0001
Error	22	566.166667	25.734848		

Randomized Complete Block (RCB) AOV For RAPRA ----- CONTROL % Jun-6-22 (Data Column 14)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	25663.888889			
Replicate	2	151.388889	75.694444	8.385	0.0020
Treatment	11	25313.888889	2301.262626	254.909	0.0001
Error	22	198.611111	9.027778		

Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-21-22 (Data Column 15)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26918.750000			
Replicate	2	16.666667	8.333333	2.200	0.1346
Treatment	11	26818.750000	2438.068182	643.650	0.0001
Error	22	83.333333	3.787879		

Randomized Complete Block (RCB) AOV For Agrass ---- Control % Jun-21-22 (Data Column 16)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	27305.555556			
Replicate	2	1.388889	0.694444	0.234	0.7933
Treatment	11	27238.888889	2476.262626	834.553	0.0001
Error	22	65.277778	2.967172		

Randomized Complete Block (RCB) AOV For Rapra ----- Control % Jun-21-22 (Data Column 17)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	27500.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	27500.000000	2500.000000	0.000	1.0000
Error	22	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jul-5-22 (Data Column 18)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26925.000000			
Replicate	2	50.000000	25.000000	1.375	0.2737
Treatment	11	26475.000000	2406.818182	132.375	0.0001
Error	22	400.000000	18.181818		

Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jul-5-22 (Data Column 19)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	27090.972222			
Replicate	2	26.388889	13.194444	0.506	0.6097
Treatment	11	26490.972222	2408.270202	92.366	0.0001
Error	22	573.611111	26.073232		

Randomized Complete Block (RCB) AOV For Amapa ---- Control % Aug-8-22 (Data Column 20)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26590.972222			
Replicate	2	9.555556	4.777778	0.214	0.8088
Treatment	11	26090.972222	2371.906566	106.397	0.0001
Error	22	490.444444	22.292929		

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK					
Trial ID:	PE-11-22	Study Dir.:	BLAIR COLVIN		
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For Agrass ---- Control % Aug-8-22 (Data Column 21)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26397.888889			
Replicate	2	115.055556	57.527778	1.288	0.2957
Treatment	11	25300.555556	2300.050505	51.514	0.0001
Error	22	982.277778	44.648990		
Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD DIRTY LBS/PLOT Sep-19-22 (Data Column 22)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	1256.198889			
Replicate	2	9.560556	4.780278	2.424	0.1118
Treatment	11	1203.258889	109.387172	55.476	0.0001
Error	22	43.379444	1.971793		
Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD CLEAN LBS/PLOT Sep-19-22 (Data Column 23)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	1206.453413			
Replicate	2	9.181958	4.590979	2.424	0.1118
Treatment	11	1155.609837	105.055440	55.476	0.0001
Error	22	41.661618	1.893710		
Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD YIELD LBS/A Sep-19-22 (Data Column 24)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	91608232.282765			
Replicate	2	697202.968282	348601.484141	2.424	0.1118
Treatment	11	87747585.803975	7977053.254907	55.476	0.0001
Error	22	3163443.510508	143792.886841		
<u>Part Rated</u> Leaf = LEAF / FOLIAGE PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf) <u>Rating Unit</u> % = PERCENT <u>ARM Action Codes</u> T1 = [22]*0.98 TY2 = 275.55733333*[23]					

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

					----- Arahy Leaf, - Necrosis % May-13-22	Amapa ----- Control % May-13-22	Agrass ----- Control % May-13-22	Amapa ---- Control % May-20-22	Rapra ----- Control % May-20-22	
Trt No.	Treatment Name	Form Conc	Form Rate	Grow Stg	Appl Code Plot	1	2	3	4	5
1	NTC				101 209 305 Mean =	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
2	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE 2,4-DB INDUCE	2 SL 4 SL 4 SE 2 AS 2 SL	12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B	102 204 308 Mean =	50.0 45.0 40.0 45.0	99.0 99.0 99.0 99.0	99.0 99.0 99.0 99.0	100.0 100.0 100.0 100.0	100.0 95.0 95.0 96.7
3	GRAMOXONE STORM DUAL MAGNUM CADRE 2,4-DB INDUCE	2 SL 4 SL 7.62 EC 2 AS 2 SL	12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B	103 210 301 Mean =	30.0 30.0 30.0 30.0	99.0 99.0 99.0 99.0	99.0 99.0 99.0 99.0	100.0 100.0 100.0 100.0	95.0 95.0 85.0 91.7
4	GRAMOXONE STORM WARRANT INDUCE CADRE 2,4-DB INDUCE	2 SL 4 SL 3 ME 2 AS 2 SL	12.0 oz/a 16.0 oz/a 48.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B	104 201 304 Mean =	30.0 30.0 30.0 30.0	99.0 99.0 99.0 99.0	99.0 99.0 99.0 99.0	100.0 100.0 100.0 100.0	90.0 90.0 90.0 90.0
5	GRAMOXONE STORM OUTLOOK CADRE 2,4-DB INDUCE	2 SL 4 SL 6 EC 2 AS 2 SL	12.0 oz/a 16.0 oz/a 12.8 oz/a 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B	105 207 310 Mean =	25.0 25.0 30.0 26.7	99.0 99.0 99.0 99.0	99.0 99.0 99.0 99.0	100.0 100.0 100.0 100.0	95.0 100.0 95.0 96.7
6	GRAMOXONE STORM DUAL MAGNUM CADRE ANTHEM FLEX 2,4-DB INDUCE	2 SL 4 SL 7.62 EC 2 AS 4 SE 2 SL	12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 3.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B POST B	106 212 303 Mean =	25.0 25.0 25.0 25.0	99.0 99.0 99.0 99.0	99.0 99.0 99.0 99.0	100.0 100.0 100.0 100.0	100.0 85.0 90.0 91.7
7	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE DUAL MAGNUM 2,4-DB	2 SL 4 SL 4 SE 2 AS 7.62 EC 2 SL	12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 16.0 oz/a	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B	107 208 311 Mean =	50.0 50.0 40.0 46.7	99.0 99.0 99.0 99.0	99.0 99.0 99.0 99.0	100.0 100.0 100.0 100.0	100.0 100.0 95.0 98.3

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

							----- Arahy Leaf, - Necrosis % May-13-22	Amapa ----- Control % May-13-22	Agrass ----- Control % May-13-22	Amapa ---- Control % May-20-22	Rapra ----- Control % May-20-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	1	2	3	4	5
8	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	108	30.0	99.0	99.0	100.0	95.0
	STORM	4 SL		16.0 oz/a	EPOST A	203	50.0	99.0	99.0	100.0	100.0
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A	312	40.0	99.0	99.0	100.0	95.0
	INDUCE			0.25 % v/v	EPOST A						
	CADRE	2 AS		4.0 oz/a	POST B						
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B						
	2,4-DB	2 SL		16.0 oz/a	POST B						
	INDUCE			0.25 % v/v	POST B						
Mean =							40.0	99.0	99.0	100.0	96.7
9	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	109	40.0	99.0	99.0	100.0	95.0
	STORM	4 SL		16.0 oz/a	EPOST A	211	40.0	99.0	99.0	100.0	95.0
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A	302	50.0	99.0	99.0	100.0	95.0
	INDUCE			0.25 % v/v	EPOST A						
	CADRE	2 AS		4.0 oz/a	POST B						
	WARRANT	3 ME		48.0 oz/a	POST B						
	2,4-DB	2 SL		16.0 oz/a	POST B						
	INDUCE			0.25 % v/v	POST B						
Mean =							43.3	99.0	99.0	100.0	95.0
10	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	110	25.0	99.0	99.0	100.0	85.0
	STORM	4 SL		16.0 oz/a	EPOST A	202	30.0	99.0	99.0	100.0	95.0
	WARRANT	3 ME		48.0 oz/a	EPOST A	307	30.0	99.0	99.0	100.0	95.0
	INDUCE			0.25 % v/v	EPOST A						
	CADRE	2 AS		4.0 oz/a	POST B						
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B						
	2,4-DB	2 SL		16.0 oz/a	POST B						
	INDUCE			0.25 % v/v	POST B						
Mean =							28.3	99.0	99.0	100.0	91.7
11	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	111	30.0	99.0	99.0	100.0	100.0
	STORM	4 SL		16.0 oz/a	EPOST A	206	50.0	99.0	99.0	100.0	100.0
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A	309	50.0	99.0	99.0	100.0	95.0
	INDUCE			0.25 % v/v	EPOST A						
	CADRE	2 AS		4.0 oz/a	POST B						
	OUTLOOK	6 EC		12.8 oz/a	POST B						
	2,4-DB	2 SL		16.0 oz/a	POST B						
	INDUCE			0.25 % v/v	POST B						
Mean =							43.3	99.0	99.0	100.0	98.3
12	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	112	25.0	99.0	99.0	100.0	95.0
	STORM	4 SL		16.0 oz/a	EPOST A	205	30.0	99.0	99.0	100.0	95.0
	OUTLOOK	6 EC		12.8 oz/a	EPOST A	306	25.0	99.0	99.0	100.0	95.0
	CADRE	2 AS		4.0 oz/a	POST B						
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B						
	2,4-DB	2 SL		16.0 oz/a	POST B						
	INDUCE			0.25 % v/v	POST B						
	Mean =							26.7	99.0	99.0	100.0

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK													
Trial ID: PE-11-22		Study Dir.: BLAIR COLVIN											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Agrass ----- Control % May-20-22	Amapa ---- Control % May-31-22	Rapra ---- Control % May-31-22	Agrass ----- Control % May-31-22	----- ARAHY PLANT, - STUNTING % Jun-6-22			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	6	7	8	9	10
1	NTC							101	0.0	0.0	0.0	0.0	0.0
								209	0.0	0.0	0.0	0.0	0.0
								305	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		102	99.0	99.0	99.0	90.0	15.0
	STORM	4 SL		16.0 oz/a		EPOST A		204	95.0	95.0	95.0	90.0	10.0
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A		308	95.0	99.0	99.0	90.0	0.0
	INDUCE			0.25 % v/v		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
								Mean =	96.3	97.7	97.7	90.0	8.3
3	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		103	95.0	99.0	85.0	95.0	0.0
	STORM	4 SL		16.0 oz/a		EPOST A		210	90.0	95.0	85.0	85.0	0.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST A		301	85.0	90.0	80.0	75.0	0.0
	CADRE	2 AS		4.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
								Mean =	90.0	94.7	83.3	85.0	0.0
4	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		104	95.0	95.0	85.0	85.0	0.0
	STORM	4 SL		16.0 oz/a		EPOST A		201	80.0	95.0	75.0	65.0	0.0
	WARRANT	3 ME		48.0 oz/a		EPOST A		304	90.0	95.0	85.0	75.0	0.0
	INDUCE			0.25 % v/v		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
								Mean =	88.3	95.0	81.7	75.0	0.0
5	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		105	100.0	99.0	99.0	95.0	0.0
	STORM	4 SL		16.0 oz/a		EPOST A		207	100.0	99.0	99.0	90.0	0.0
	OUTLOOK	6 EC		12.8 oz/a		EPOST A		310	95.0	95.0	90.0	95.0	0.0
	CADRE	2 AS		4.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
								Mean =	98.3	97.7	96.0	93.3	0.0
6	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		106	100.0	99.0	95.0	95.0	0.0
	STORM	4 SL		16.0 oz/a		EPOST A		212	85.0	95.0	85.0	80.0	0.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST A		303	95.0	99.0	95.0	95.0	0.0
	CADRE	2 AS		4.0 oz/a		POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
	INDUCE			0.25 % v/v		POST B							
								Mean =	93.3	97.7	91.7	90.0	0.0
7	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		107	95.0	99.0	95.0	95.0	10.0
	STORM	4 SL		16.0 oz/a		EPOST A		208	95.0	99.0	99.0	99.0	0.0
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A		311	85.0	99.0	90.0	85.0	10.0
	INDUCE			0.25 % v/v		EPOST A							
	CADRE	2 AS		4.0 oz/a		POST B							
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST B							
	2,4-DB	2 SL		16.0 oz/a		POST B							
								Mean =	91.7	99.0	94.7	93.0	6.7

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

						Agrass	Amapa	Rapra	Agrass	-----			
						-----	----	----	-----	-----			
						Control	Control	Control	Control	ARAHY			
						%	%	%	%	PLANT, -			
						May-20-22	May-31-22	May-31-22	May-31-22	STUNTING			
										%			
										Jun-6-22			
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	6	7	8	9	10
8	GRAMOXONE	2	SL	12.0	oz/a	EPOST	A	108	95.0	99.0	95.0	95.0	10.0
	STORM	4	SL	16.0	oz/a	EPOST	A	203	95.0	99.0	95.0	99.0	15.0
	ANTHEM FLEX	4	SE	3.0	oz/a	EPOST	A	312	95.0	99.0	95.0	95.0	10.0
	INDUCE			0.25	% v/v	EPOST	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	ANTHEM FLEX	4	SE	3.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
	INDUCE			0.25	% v/v	POST	B						
						Mean =			95.0	99.0	95.0	96.3	11.7
9	GRAMOXONE	2	SL	12.0	oz/a	EPOST	A	109	100.0	99.0	95.0	99.0	10.0
	STORM	4	SL	16.0	oz/a	EPOST	A	211	95.0	95.0	90.0	95.0	10.0
	ANTHEM FLEX	4	SE	3.0	oz/a	EPOST	A	302	95.0	99.0	95.0	90.0	15.0
	INDUCE			0.25	% v/v	EPOST	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	WARRANT	3	ME	48.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
	INDUCE			0.25	% v/v	POST	B						
						Mean =			96.7	97.7	93.3	94.7	11.7
10	GRAMOXONE	2	SL	12.0	oz/a	EPOST	A	110	85.0	85.0	80.0	65.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	A	202	90.0	90.0	85.0	75.0	0.0
	WARRANT	3	ME	48.0	oz/a	EPOST	A	307	85.0	99.0	90.0	85.0	0.0
	INDUCE			0.25	% v/v	EPOST	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	ANTHEM FLEX	4	SE	3.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
	INDUCE			0.25	% v/v	POST	B						
						Mean =			86.7	91.3	85.0	75.0	0.0
11	GRAMOXONE	2	SL	12.0	oz/a	EPOST	A	111	95.0	99.0	95.0	90.0	10.0
	STORM	4	SL	16.0	oz/a	EPOST	A	206	95.0	99.0	95.0	90.0	10.0
	ANTHEM FLEX	4	SE	3.0	oz/a	EPOST	A	309	95.0	99.0	95.0	90.0	0.0
	INDUCE			0.25	% v/v	EPOST	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	OUTLOOK	6	EC	12.8	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
						Mean =			95.0	99.0	95.0	90.0	6.7
12	GRAMOXONE	2	SL	12.0	oz/a	EPOST	A	112	95.0	99.0	90.0	95.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	A	205	95.0	99.0	90.0	85.0	0.0
	OUTLOOK	6	EC	12.8	oz/a	EPOST	A	306	95.0	99.0	90.0	95.0	0.0
	CADRE	2	AS	4.0	oz/a	POST	B						
	ANTHEM FLEX	4	SE	3.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
	INDUCE			0.25	% v/v	POST	B						
						Mean =			95.0	99.0	90.0	91.7	0.0

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK										
Trial ID:		PE-11-22		Study Dir.:		BLAIR COLVIN				
Location:		PONDER FARM		Investigator:		Eric P. Prostko				
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	---- ARAHY LEAF, - NECROSIS %	AMAPA ----- CONTROL %	AGRASS ----- CONTROL %	RAPRA ----- CONTROL %	Amapa ----- Control %
						Jun-6-22	Jun-6-22	Jun-6-22	Jun-6-22	Jun-21-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	Plot		
									11	12
1	NTC							101	0.0	0.0
								209	0.0	0.0
								305	0.0	0.0
								Mean =	0.0	0.0
2	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		102	0.0	100.0
	STORM	4 SL		16.0 oz/a		EPOST A		204	5.0	100.0
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A		308	0.0	100.0
	INDUCE			0.25 % v/v		EPOST A				95.0
	CADRE	2 AS		4.0 oz/a		POST B				100.0
	2,4-DB	2 SL		16.0 oz/a		POST B				95.0
	INDUCE			0.25 % v/v		POST B				100.0
								Mean =	1.7	100.0
3	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		103	0.0	100.0
	STORM	4 SL		16.0 oz/a		EPOST A		210	0.0	100.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST A		301	5.0	90.0
	CADRE	2 AS		4.0 oz/a		POST B				85.0
	2,4-DB	2 SL		16.0 oz/a		POST B				85.0
	INDUCE			0.25 % v/v		POST B				85.0
								Mean =	1.7	96.7
4	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		104	0.0	100.0
	STORM	4 SL		16.0 oz/a		EPOST A		201	0.0	90.0
	WARRANT	3 ME		48.0 oz/a		EPOST A		304	0.0	95.0
	INDUCE			0.25 % v/v		EPOST A				75.0
	CADRE	2 AS		4.0 oz/a		POST B				75.0
	2,4-DB	2 SL		16.0 oz/a		POST B				85.0
	INDUCE			0.25 % v/v		POST B				85.0
								Mean =	0.0	95.0
5	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		105	0.0	100.0
	STORM	4 SL		16.0 oz/a		EPOST A		207	0.0	100.0
	OUTLOOK	6 EC		12.8 oz/a		EPOST A		310	0.0	100.0
	CADRE	2 AS		4.0 oz/a		POST B				95.0
	2,4-DB	2 SL		16.0 oz/a		POST B				90.0
	INDUCE			0.25 % v/v		POST B				95.0
								Mean =	0.0	100.0
6	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		106	30.0	100.0
	STORM	4 SL		16.0 oz/a		EPOST A		212	30.0	95.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST A		303	25.0	100.0
	CADRE	2 AS		4.0 oz/a		POST B				100.0
	ANTHEM FLEX	4 SE		3.0 oz/a		POST B				85.0
	2,4-DB	2 SL		16.0 oz/a		POST B				90.0
	INDUCE			0.25 % v/v		POST B				95.0
								Mean =	28.3	98.3
7	GRAMOXONE	2 SL		12.0 oz/a		EPOST A		107	5.0	100.0
	STORM	4 SL		16.0 oz/a		EPOST A		208	5.0	100.0
	ANTHEM FLEX	4 SE		3.0 oz/a		EPOST A		311	5.0	100.0
	INDUCE			0.25 % v/v		EPOST A				85.0
	CADRE	2 AS		4.0 oz/a		POST B				100.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST B				95.0
	2,4-DB	2 SL		16.0 oz/a		POST B				90.0
								Mean =	5.0	100.0

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

						---- ARAHY LEAF, - NECROSIS % Jun-6-22	AMAPA ----- CONTROL % Jun-6-22	AGRASS ----- CONTROL % Jun-6-22	RAPRA ----- CONTROL % Jun-6-22	Amapa ----- Control % Jun-21-22		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	Plot	11	12	13	14	15
8	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	108		25.0	100.0	95.0	100.0	100.0
	STORM	4 SL		16.0 oz/a	EPOST A	203		20.0	100.0	100.0	95.0	100.0
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A	312		30.0	100.0	100.0	95.0	100.0
	INDUCE			0.25 % v/v	EPOST A							
	CADRE	2 AS		4.0 oz/a	POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B							
	2,4-DB	2 SL		16.0 oz/a	POST B							
	INDUCE			0.25 % v/v	POST B							
Mean =								25.0	100.0	98.3	96.7	100.0
9	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	109		5.0	100.0	100.0	100.0	100.0
	STORM	4 SL		16.0 oz/a	EPOST A	211		0.0	95.0	95.0	100.0	95.0
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A	302		0.0	100.0	95.0	100.0	100.0
	INDUCE			0.25 % v/v	EPOST A							
	CADRE	2 AS		4.0 oz/a	POST B							
	WARRANT	3 ME		48.0 oz/a	POST B							
	2,4-DB	2 SL		16.0 oz/a	POST B							
	INDUCE			0.25 % v/v	POST B							
Mean =								1.7	98.3	96.7	100.0	98.3
10	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	110		25.0	90.0	90.0	95.0	95.0
	STORM	4 SL		16.0 oz/a	EPOST A	202		30.0	95.0	80.0	95.0	95.0
	WARRANT	3 ME		48.0 oz/a	EPOST A	307		30.0	100.0	90.0	85.0	100.0
	INDUCE			0.25 % v/v	EPOST A							
	CADRE	2 AS		4.0 oz/a	POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B							
	2,4-DB	2 SL		16.0 oz/a	POST B							
	INDUCE			0.25 % v/v	POST B							
Mean =								28.3	95.0	86.7	91.7	96.7
11	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	111		0.0	100.0	100.0	100.0	100.0
	STORM	4 SL		16.0 oz/a	EPOST A	206		5.0	100.0	95.0	100.0	100.0
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A	309		0.0	100.0	95.0	95.0	100.0
	INDUCE			0.25 % v/v	EPOST A							
	CADRE	2 AS		4.0 oz/a	POST B							
	OUTLOOK	6 EC		12.8 oz/a	POST B							
	2,4-DB	2 SL		16.0 oz/a	POST B							
	INDUCE			0.25 % v/v	POST B							
Mean =								1.7	100.0	96.7	98.3	100.0
12	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	112		30.0	100.0	95.0	100.0	100.0
	STORM	4 SL		16.0 oz/a	EPOST A	205		25.0	100.0	95.0	95.0	100.0
	OUTLOOK	6 EC		12.8 oz/a	EPOST A	306		30.0	100.0	95.0	95.0	100.0
	CADRE	2 AS		4.0 oz/a	POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B							
	2,4-DB	2 SL		16.0 oz/a	POST B							
	INDUCE			0.25 % v/v	POST B							
	Mean =								28.3	100.0	95.0	96.7

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

					Agrass	Rapra	Amapa	Agrass	Amapa	Agrass			
					----	----	----	----	----	----			
					Control	Control	Control	Control	Control	Control			
					%	%	%	%	%	%			
					Jun-21-22	Jun-21-22	Jul-5-22	Jul-5-22	Aug-8-22	Aug-8-22			
Trt No.	Treatment Name	Form Conc	Form Rate	Grow Unit	Appl Stg	Code	Plot	16	17	18	19	20	21
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
							305	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	GRAMOXONE	2 SL	12.0 oz/a	EPOST	A		102	100.0	100.0	100.0	100.0	99.0	99.0
	STORM	4 SL	16.0 oz/a	EPOST	A		204	100.0	100.0	90.0	95.0	90.0	99.0
	ANTHEM FLEX	4 SE	3.0 oz/a	EPOST	A		308	100.0	100.0	100.0	95.0	99.0	90.0
	INDUCE		0.25 % v/v	EPOST	A								
	CADRE	2 AS	4.0 oz/a	POST	B								
	2,4-DB	2 SL	16.0 oz/a	POST	B								
	INDUCE		0.25 % v/v	POST	B								
							Mean =	100.0	100.0	96.7	96.7	96.0	96.0
3	GRAMOXONE	2 SL	12.0 oz/a	EPOST	A		103	100.0	100.0	100.0	95.0	99.0	90.0
	STORM	4 SL	16.0 oz/a	EPOST	A		210	100.0	100.0	85.0	100.0	85.0	99.0
	DUAL MAGNUM	7.62 EC	16.0 oz/a	EPOST	A		301	100.0	100.0	90.0	100.0	85.0	95.0
	CADRE	2 AS	4.0 oz/a	POST	B								
	2,4-DB	2 SL	16.0 oz/a	POST	B								
	INDUCE		0.25 % v/v	POST	B								
							Mean =	100.0	100.0	91.7	98.3	89.7	94.7
4	GRAMOXONE	2 SL	12.0 oz/a	EPOST	A		104	100.0	100.0	100.0	95.0	99.0	95.0
	STORM	4 SL	16.0 oz/a	EPOST	A		201	100.0	100.0	95.0	100.0	95.0	90.0
	WARRANT	3 ME	48.0 oz/a	EPOST	A		304	100.0	100.0	95.0	90.0	95.0	85.0
	INDUCE		0.25 % v/v	EPOST	A								
	CADRE	2 AS	4.0 oz/a	POST	B								
	2,4-DB	2 SL	16.0 oz/a	POST	B								
	INDUCE		0.25 % v/v	POST	B								
							Mean =	100.0	100.0	96.7	95.0	96.3	90.0
5	GRAMOXONE	2 SL	12.0 oz/a	EPOST	A		105	100.0	100.0	100.0	100.0	99.0	95.0
	STORM	4 SL	16.0 oz/a	EPOST	A		207	100.0	100.0	100.0	100.0	99.0	95.0
	OUTLOOK	6 EC	12.8 oz/a	EPOST	A		310	100.0	100.0	95.0	100.0	95.0	95.0
	CADRE	2 AS	4.0 oz/a	POST	B								
	2,4-DB	2 SL	16.0 oz/a	POST	B								
	INDUCE		0.25 % v/v	POST	B								
							Mean =	100.0	100.0	98.3	100.0	97.7	95.0
6	GRAMOXONE	2 SL	12.0 oz/a	EPOST	A		106	100.0	100.0	100.0	100.0	99.0	95.0
	STORM	4 SL	16.0 oz/a	EPOST	A		212	100.0	100.0	100.0	100.0	99.0	90.0
	DUAL MAGNUM	7.62 EC	16.0 oz/a	EPOST	A		303	95.0	100.0	100.0	80.0	99.0	65.0
	CADRE	2 AS	4.0 oz/a	POST	B								
	ANTHEM FLEX	4 SE	3.0 oz/a	POST	B								
	2,4-DB	2 SL	16.0 oz/a	POST	B								
	INDUCE		0.25 % v/v	POST	B								
							Mean =	98.3	100.0	100.0	93.3	99.0	83.3
7	GRAMOXONE	2 SL	12.0 oz/a	EPOST	A		107	100.0	100.0	100.0	100.0	99.0	99.0
	STORM	4 SL	16.0 oz/a	EPOST	A		208	100.0	100.0	100.0	100.0	99.0	99.0
	ANTHEM FLEX	4 SE	3.0 oz/a	EPOST	A		311	100.0	100.0	100.0	100.0	99.0	99.0
	INDUCE		0.25 % v/v	EPOST	A								
	CADRE	2 AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	B								
	2,4-DB	2 SL	16.0 oz/a	POST	B								
							Mean =	100.0	100.0	100.0	100.0	99.0	99.0

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Agrass	Rapra	Amapa	Agrass	Amapa	Agrass	
Crop Code						----	----	----	----	----	----	
Part Rated												
Rating Data Type						Control	Control	Control	Control	Control	Control	
Rating Unit						%	%	%	%	%	%	
Rating Date						Jun-21-22	Jun-21-22	Jul-5-22	Jul-5-22	Aug-8-22	Aug-8-22	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code Plot	16	17	18	19	20	21
8	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	108	100.0	100.0	100.0	100.0	99.0	95.0
	STORM	4 SL		16.0 oz/a	EPOST A	203	100.0	100.0	100.0	100.0	99.0	99.0
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A	312	100.0	100.0	100.0	100.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST A							
	CADRE	2 AS		4.0 oz/a	POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B							
	2,4-DB	2 SL		16.0 oz/a	POST B							
	INDUCE			0.25 % v/v	POST B							
Mean =							100.0	100.0	100.0	100.0	99.0	97.7
9	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	109	100.0	100.0	100.0	100.0	99.0	99.0
	STORM	4 SL		16.0 oz/a	EPOST A	211	100.0	100.0	95.0	95.0	99.0	95.0
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A	302	100.0	100.0	100.0	100.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST A							
	CADRE	2 AS		4.0 oz/a	POST B							
	WARRANT	3 ME		48.0 oz/a	POST B							
	2,4-DB	2 SL		16.0 oz/a	POST B							
	INDUCE			0.25 % v/v	POST B							
Mean =							100.0	100.0	98.3	98.3	99.0	97.7
10	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	110	90.0	100.0	80.0	70.0	75.0	65.0
	STORM	4 SL		16.0 oz/a	EPOST A	202	95.0	100.0	85.0	90.0	90.0	90.0
	WARRANT	3 ME		48.0 oz/a	EPOST A	307	100.0	100.0	100.0	85.0	99.0	70.0
	INDUCE			0.25 % v/v	EPOST A							
	CADRE	2 AS		4.0 oz/a	POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B							
	2,4-DB	2 SL		16.0 oz/a	POST B							
	INDUCE			0.25 % v/v	POST B							
Mean =							95.0	100.0	88.3	81.7	88.0	75.0
11	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	111	100.0	100.0	100.0	100.0	99.0	99.0
	STORM	4 SL		16.0 oz/a	EPOST A	206	100.0	100.0	100.0	100.0	99.0	95.0
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST A	309	100.0	100.0	100.0	100.0	99.0	95.0
	INDUCE			0.25 % v/v	EPOST A							
	CADRE	2 AS		4.0 oz/a	POST B							
	OUTLOOK	6 EC		12.8 oz/a	POST B							
	2,4-DB	2 SL		16.0 oz/a	POST B							
	INDUCE			0.25 % v/v	POST B							
Mean =							100.0	100.0	100.0	100.0	99.0	96.3
12	GRAMOXONE	2 SL		12.0 oz/a	EPOST A	112	100.0	100.0	100.0	100.0	99.0	99.0
	STORM	4 SL		16.0 oz/a	EPOST A	205	100.0	100.0	100.0	95.0	99.0	90.0
	OUTLOOK	6 EC		12.8 oz/a	EPOST A	306	100.0	100.0	100.0	100.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST B							
	ANTHEM FLEX	4 SE		3.0 oz/a	POST B							
	2,4-DB	2 SL		16.0 oz/a	POST B							
	INDUCE			0.25 % v/v	POST B							
	Mean =							100.0	100.0	100.0	98.3	99.0

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

							----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-19-22	----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-19-22	----- ARAHY YIELD, - YIELD LBS/A Sep-19-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code Plot	22	23	24
1	NTC					101 209 305 Mean =	0.00 0.00 0.00 0.00	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
2	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE 2,4-DB INDUCE	2 SL 4 SL 4 SE 0.25 % v/v 2 AS 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B	102 204 308 Mean =	22.30 18.80 18.30 19.80	21.9 18.4 17.9 19.4	6022.0 5076.9 4941.8 5346.9
3	GRAMOXONE STORM DUAL MAGNUM CADRE 2,4-DB INDUCE	2 SL 4 SL 7.62 EC 2 AS 2 SL		12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B	103 210 301 Mean =	22.20 18.00 18.30 19.50	21.8 17.6 17.9 19.1	5995.0 4860.8 4941.8 5265.9
4	GRAMOXONE STORM WARRANT INDUCE CADRE 2,4-DB INDUCE	2 SL 4 SL 3 ME 0.25 % v/v 2 AS 2 SL		12.0 oz/a 16.0 oz/a 48.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B	104 201 304 Mean =	20.40 22.30 19.60 20.77	20.0 21.9 19.2 20.4	5508.9 6022.0 5292.9 5608.0
5	GRAMOXONE STORM OUTLOOK CADRE 2,4-DB INDUCE	2 SL 4 SL 6 EC 2 AS 2 SL		12.0 oz/a 16.0 oz/a 12.8 oz/a 4.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B	105 207 310 Mean =	21.70 21.70 19.90 21.10	21.3 21.3 19.5 20.7	5860.0 5860.0 5373.9 5698.0
6	GRAMOXONE STORM DUAL MAGNUM CADRE ANTHEM FLEX 2,4-DB INDUCE	2 SL 4 SL 7.62 EC 2 AS 4 SE 2 SL		12.0 oz/a 16.0 oz/a 16.0 oz/a 4.0 oz/a 3.0 oz/a 16.0 oz/a 0.25 % v/v	EPOST A EPOST A EPOST A POST B POST B POST B POST B	106 212 303 Mean =	20.40 19.30 22.60 20.77	20.0 18.9 22.1 20.4	5508.9 5211.9 6103.0 5608.0
7	GRAMOXONE STORM ANTHEM FLEX INDUCE CADRE DUAL MAGNUM 2,4-DB	2 SL 4 SL 4 SE 0.25 % v/v 2 AS 7.62 EC 2 SL		12.0 oz/a 16.0 oz/a 3.0 oz/a 0.25 % v/v 4.0 oz/a 16.0 oz/a 16.0 oz/a	EPOST A EPOST A EPOST A EPOST A POST B POST B POST B	107 208 311 Mean =	19.40 17.60 19.60 18.87	19.0 17.2 19.2 18.5	5238.9 4752.8 5292.9 5094.9

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM, WARRANT, AND OUTLOOK
 Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

							----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-19-22	----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-19-22	----- ARAHY YIELD, - YIELD LBS/A Sep-19-22	
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date					
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code Plot	22	23	24
8	GRAMOXONE	2 SL		12.0 oz/a	EPOST	A	108	21.80	21.4	5887.0
	STORM	4 SL		16.0 oz/a	EPOST	A	203	20.10	19.7	5427.9
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST	A	312	19.20	18.8	5184.9
	INDUCE			0.25 % v/v	EPOST	A				
	CADRE	2 AS		4.0 oz/a	POST	B				
	ANTHEM FLEX	4 SE		3.0 oz/a	POST	B				
	2,4-DB	2 SL		16.0 oz/a	POST	B				
	INDUCE			0.25 % v/v	POST	B				
							Mean =	20.37	20.0	5499.9
9	GRAMOXONE	2 SL		12.0 oz/a	EPOST	A	109	19.50	19.1	5265.9
	STORM	4 SL		16.0 oz/a	EPOST	A	211	20.50	20.1	5535.9
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST	A	302	21.20	20.8	5725.0
	INDUCE			0.25 % v/v	EPOST	A				
	CADRE	2 AS		4.0 oz/a	POST	B				
	WARRANT	3 ME		48.0 oz/a	POST	B				
	2,4-DB	2 SL		16.0 oz/a	POST	B				
	INDUCE			0.25 % v/v	POST	B				
							Mean =	20.40	20.0	5508.9
10	GRAMOXONE	2 SL		12.0 oz/a	EPOST	A	110	25.20	24.7	6805.2
	STORM	4 SL		16.0 oz/a	EPOST	A	202	21.60	21.2	5833.0
	WARRANT	3 ME		48.0 oz/a	EPOST	A	307	20.50	20.1	5535.9
	INDUCE			0.25 % v/v	EPOST	A				
	CADRE	2 AS		4.0 oz/a	POST	B				
	ANTHEM FLEX	4 SE		3.0 oz/a	POST	B				
	2,4-DB	2 SL		16.0 oz/a	POST	B				
	INDUCE			0.25 % v/v	POST	B				
							Mean =	22.43	22.0	6058.0
11	GRAMOXONE	2 SL		12.0 oz/a	EPOST	A	111	22.10	21.7	5968.0
	STORM	4 SL		16.0 oz/a	EPOST	A	206	21.70	21.3	5860.0
	ANTHEM FLEX	4 SE		3.0 oz/a	EPOST	A	309	22.80	22.3	6157.1
	INDUCE			0.25 % v/v	EPOST	A				
	CADRE	2 AS		4.0 oz/a	POST	B				
	OUTLOOK	6 EC		12.8 oz/a	POST	B				
	2,4-DB	2 SL		16.0 oz/a	POST	B				
							Mean =	22.20	21.8	5995.0
12	GRAMOXONE	2 SL		12.0 oz/a	EPOST	A	112	20.60	20.2	5563.0
	STORM	4 SL		16.0 oz/a	EPOST	A	205	21.30	20.9	5752.0
	OUTLOOK	6 EC		12.8 oz/a	EPOST	A	306	20.10	19.7	5427.9
	CADRE	2 AS		4.0 oz/a	POST	B				
	ANTHEM FLEX	4 SE		3.0 oz/a	POST	B				
	2,4-DB	2 SL		16.0 oz/a	POST	B				
	INDUCE			0.25 % v/v	POST	B				
							Mean =	20.67	20.3	5581.0

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WEED CONTROL IN PEANUT WITH ANTHEM FLEX, DUAL MAGNUM,

WARRANT, AND OUTLOOK

Trial ID: PE-11-22 Study Dir.: BLAIR COLVIN
Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

Leaf = LEAF / FOLIAGE

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

Rating Unit

% = PERCENT

ARM Action Codes

T1 = [22]*0.98

TY2 = 275.55733333*[23]