

University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK			
WEED CONTROL PROGRAMS IN PEANUT			
Trial ID:	PE-05-20	Study Dir.:	
Location:	PONDER FARM	Investigator:	Eric P. Prostko

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

Trt No.	Treatment Name	Form	Form Conc	Rate	Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC									-	101	207	302	404
2	PROWL H2O	3.8 SC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1475 mL	102	204	307	409
	GRAMOXONE	3 SL		8.0 oz/a		EPOST	B	15 GAL/AC	6.249 mL/mx	1468.8 mL				
	STORM	4 SL		16.0 oz/a		EPOST	B	15 GAL/AC	12.5 mL/mx					
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST	B	15 GAL/AC	12.5 mL/mx					
	CADRE	2 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					
3	PROWL H2O	3.8 SC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1475 mL	103	206	309	402
	GRAMOXONE	3 SL		8.0 oz/a		EPOST	B	15 GAL/AC	6.249 mL/mx	1440.0 mL				
	STORM	4 SL		16.0 oz/a		EPOST	B	15 GAL/AC	12.5 mL/mx					
	WARRANT	3 ME		48.0 oz/a		EPOST	B	15 GAL/AC	37.5 mL/mx					
	INDUCE			0.25 % v/v		EPOST	B	15 GAL/AC	3.75 mL/mx					
	CADRE	2 AS		4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx	1443.1 mL				
	WARRANT	3 ME		48.0 oz/a		POST	C	15 GAL/AC	37.5 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	209	312	403
	GRAMOXONE	3 SL		8.0 oz/a		EPOST	B	15 GAL/AC	6.249 mL/mx	1475.5 mL				
	STORM	4 SL		16.0 oz/a		EPOST	B	15 GAL/AC	12.5 mL/mx					
	ZIDUA	4.17 SC		2.5 oz/a		EPOST	B	15 GAL/AC	1.953 mL/mx					
	INDUCE			0.25 % v/v		EPOST	B	15 GAL/AC	3.75 mL/mx					
	CADRE	2 AS		4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx	1478.7 mL				
	ZIDUA	4.17 SC		2.5 oz/a		POST	C	15 GAL/AC	1.953 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					
5	PROWL H2O	3.8 SC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1475 mL	105	212	305	401
	GRAMOXONE	3 SL		8.0 oz/a		EPOST	B	15 GAL/AC	6.249 mL/mx	1475.2 mL				
	STORM	4 SL		16.0 oz/a		EPOST	B	15 GAL/AC	12.5 mL/mx					
	ANTHEM FLEX	4.17 SL		3.0 oz/a		EPOST	B	15 GAL/AC	2.343 mL/mx					
	INDUCE			0.25 % v/v		EPOST	B	15 GAL/AC	3.75 mL/mx					
	CADRE	2 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					
6	PROWL H2O	3.8 SC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1475 mL	106	202	306	408
	GRAMOXONE	3 SL		8.0 oz/a		EPOST	B	15 GAL/AC	6.249 mL/mx	1473.0 mL				
	STORM	4 SL		16.0 oz/a		EPOST	B	15 GAL/AC	12.5 mL/mx					
	OUTLOOK	6 EC		10.5 oz/a		EPOST	B	15 GAL/AC	8.202 mL/mx					
	CADRE	2 AS		4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx	1476.2 mL				
	OUTLOOK	6 EC		10.5 oz/a		POST	C	15 GAL/AC	8.202 mL/mx					
	2,4-DB	1.75 SL		16.0 oz/a		POST	C	15 GAL/AC	12.5 mL/mx					
7	PROWL H2O	3.8 SC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1472.5 mL	107	208	304	407
	VALOR EZ	4 L		3.0 oz/a		PRE	A	15 GPA	2.343 mL/mx					
	STRONGARM	84 WG		0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx					
	CADRE	2 AS		4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx	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					
8	PROWL H2O	3.8 SC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1472.5 mL	108	205	311	405
	VALOR EZ	4 L		3.0 oz/a		PRE	A	15 GPA	2.343 mL/mx					
	STRONGARM	84 WG		0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx					
	CADRE	2 AS		4.0 oz/a		POST	C	15 GAL/AC	3.125 mL/mx	1443.1 mL				
	WARRANT	3 ME		48.0 oz/a		POST	C	15 GAL/AC	37.5 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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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT			
Trial ID:	PE-05-20	Study Dir.:	
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 H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1472.5 mL	109	211	310	411
	VALOR EZ	4	L	3.0	oz/a	PRE	A	15 GPA	2.343 mL/mx					
	STRONGARM	84	WG	0.225	oz/a	PRE	A	15 GPA	0.1685 g/mx					
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx					
	ZIDUA	4.17	SC	2.5	oz/a	POST	C	15 GAL/AC	1.953 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 H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1472.5 mL	110	203	301	412
	VALOR EZ	4	L	3.0	oz/a	PRE	A	15 GPA	2.343 mL/mx					
	STRONGARM	84	WG	0.225	oz/a	PRE	A	15 GPA	0.1685 g/mx					
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx					
	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					
11	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1472.5 mL	111	201	303	410
	VALOR EZ	4	L	3.0	oz/a	PRE	A	15 GPA	2.343 mL/mx					
	STRONGARM	84	WG	0.225	oz/a	PRE	A	15 GPA	0.1685 g/mx					
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx					
	OUTLOOK	6	EC	12.8	oz/a	POST	C	15 GAL/AC	9.999 mL/mx					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx					
12	NTC									-	112	210	308	406

Sort Order: Treatment

Trial Comments

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

0.15" RAINFALL 4 HOURS AFTER POST TREATMENT

DIGGING DATE: SEPTEMBER 30

HARVEST DATE: OCTOBER 5

HARVEST MOISTURE: 19.3%

YIELDS ADJUSTED TO 10%

2% YIELD DEDUCTION FOR FM

SUMMARY:

1) GENERALLY, ADDITIONS OF ANTHEM FLEX TO GRAMOXONE + STORM (EPOST) OR CADRE (POST) WERE MORE INJURIOUS THAN DUAL MAGNUM, OUTLOOK, AND WARRANT.

2) NO MAJOR DIFFERENCES IN PEANUT WEED CONTROL WERE OBSERVED BETWEEN ANY TREATMENTS CONTAINING ANTHEM FLEX, DUAL MAGNUM, OUTLOOK, OR WARRANT.

3) ALL HERBICIDE TREATED PLOTS HAD HIGHER YIELDS THAN THE NTC. YIELDS BETWEEN HERBICIDE TREATED PLOTS WERE NOT SIGNIFICANTLY DIFFERENT.

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK

WEED CONTROL PROGRAMS IN PEANUT

Trial ID: PE-05-20 Study Dir.:
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: _____ 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:

CROP AND PEST DESCRIPTION

Weed 1. AMAPA PALMER AMARANTH 2. AGRASS TX PAN/CROW/GOOSE/CRAB
 Weed 3. RAPRA WILD RADISH 4. DEDTO FL BEGGARWEED
 Weed 5. CYPES YELLOW NUTSEDGE 6. IPOLA PITTED MG
 Weed 7. IAQTA SMALLFLOWER MG 8. _____

Crop 1: ARAHY PEANUT Variety: GA-18RU Planting Date: May-11-20
 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: _____

Plot Width, Unit: 6 FT Plot Length, Unit: 25 FT Reps: 4

Site Type:

Tillage Type: CONVENTIONAL

Study Design: RACOB

Trial Initiation Comments: THIMET INFR; 1 TON/A LIME PRE-PLANT; 300 LBS/A
 5-15-30 PRE-PLANT; RANCONA SEED TRT; 36"-9" TWIN ROWS; 1000 LBS/A GYPSUM

Previous: Crops Pesticides Year
 1. FALLOW SB-01-19 2019

MAINTENANCE

Field Prep./Maintenance:

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

SOIL DESCRIPTION

Texture: SAND % OM: 0.61 % Sand: 94 % Silt: 4 % Clay: 2
 pH: 6.0 CEC: 2.6 Soil Name: DOTHAN Fertility Level: GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-14-20		0.5	IN	SPRINKLER - LATERAL MOVE		
2. May-17-20		0.11	IN	RAINFALL		
3. May-20-20		1.3	IN	RAINFALL		
4. May-22-20		1.2	IN	RAINFALL		
5. May-26-20		0.26	IN	RAINFALL		
6. May-28-20		0.41	IN	RAINFALL		
7. May-29-20		0.19	IN	RAINFALL		
8. Jun-1-20		0.5	IN	SPRINKLER - LATERAL MOVE		
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		

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK

WEED CONTROL PROGRAMS IN PEANUT

Trial ID: PE-05-20

Study Dir.:

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-12-20	May-25-20	Jun-9-20			
Time of Day:	7:30 AM	7:30 AM	7:00 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	EPOST	POST			
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE			
Air Temp., Unit:	52 F	73 F	77 F			
% Relative Humidity:	63	91	97			
Wind Velocity, Unit:	1 MPH	1 MPH	1 MPH			
Dew Presence (Y/N):	N	Y	Y			
Water Hardness:	--	--	--			
Soil Temp., Unit:	63 F	75 F	78 F			
Soil Moisture:	OPTIMUM	WET	OPTIMUM			
% Cloud Cover:	0	100	75			

CROP STAGE AT EACH APPLICATION						
	A	B	C	D	E	F
Crop 1 Stage: ARAHY		3" WIDE	7" WIDE			
Stage Scale:		V3-V4	R1			
Height, Unit:		3 IN	5 IN			

WEED STAGE AT EACH APPLICATION						
	A	B	C	D	E	F
Weed 1 Stage: AMAPA		0.5-1"				
Stage Scale:		2-4 LF				
Density, Unit:						
Weed 2 Stage: AGRASS		1-2"				
Stage Scale:		1-2 LF				
Density, Unit:						
Weed 3 Stage: RAPRA		0.5-1"				
Stage Scale:		2 LF				
Density, Unit:						
Weed 4 Stage: DEDTO		0.5"				
Stage Scale:		COTYLEDON				
Density, Unit:						
Weed 5 Stage: CYPES		4-6"	6-7"			
Stage Scale:		3-4 LF				
Density, Unit:						
Weed 6 Stage: IPOLA		1-2"	0.5"			
Stage Scale:		1-2 LF	COTYLEDON			
Density, Unit:						
Weed 7 Stage: IAQTA		--	0.5"			
Stage Scale:			COTYLEDON			
Density, Unit:						

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK

WEED CONTROL PROGRAMS IN PEANUT

Trial ID: PE-05-20

Study Dir.:

Location:

PONDER FARM

Investigator:

Eric P. Prostko

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME	SAME			
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):	-	-	-	-	-	-

Trt No

Treatment Application Comment

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT											
Trial ID:		PE-05-20		Study Dir.:							
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Weed Code						-----	Amapa	Rapra	---	---	Amapa
Crop Code						Arahy	-----		Arahy	Arahy	
Part Rated									Plant -	Leaf -	
Rating Data Type						Stunting	Control	Control	Stunting	Burn	Control
Rating Unit						Percent	Percent	Percent	Percent	Percent	Percent
Rating Date						May-22-20	May-22-20	May-22-20	Jun-1-20	Jun-1-20	Jun-1-20
PRM Data Type											
# Subsamples, Dec.											
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Rate	Unit	Stg	Code	1	2	3	4
								5			6
1	NTC							0.0 b	0.0 c	0.0 c	0.0 b
2	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		0.0 b	92.5 b	0.0 c	2.5 bc
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					8.8 c
	STORM	4	SL	16.0 oz/a	EPOST	B					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C					
	2,4-DB	1.75	SL	16.0 oz/a	POST	C					
3	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		0.0 b	93.5 b	0.0 c	3.8 bc
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					11.3 b
	STORM	4	SL	16.0 oz/a	EPOST	B					
	WARRANT	3	ME	48.0 oz/a	EPOST	B					
	INDUCE			0.25 % v/v	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	WARRANT	3	ME	48.0 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 H2O	3.8	SC	32.0 oz/a	PRE	A		0.0 b	95.0 b	0.0 c	3.8 bc
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					13.8 a
	STORM	4	SL	16.0 oz/a	EPOST	B					
	ZIDUA	4.17	SC	2.5 oz/a	EPOST	B					
	INDUCE			0.25 % v/v	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	ZIDUA	4.17	SC	2.5 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 H2O	3.8	SC	32.0 oz/a	PRE	A		0.0 b	93.8 b	0.0 c	11.3 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					7.5 cd
	STORM	4	SL	16.0 oz/a	EPOST	B					
	ANTHEM FLEX	4.17	SL	3.0 oz/a	EPOST	B					
	INDUCE			0.25 % v/v	EPOST	B					
	CADRE	2	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					
6	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		0.0 b	92.5 b	0.0 c	6.3 b
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					6.3 d
	STORM	4	SL	16.0 oz/a	EPOST	B					
	OUTLOOK	6	EC	10.5 oz/a	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	OUTLOOK	6	EC	10.5 oz/a	POST	C					
	2,4-DB	1.75	SL	16.0 oz/a	POST	C					
7	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		27.5 a	99.0 a	98.0 b	11.3 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A					0.0 e
	STRONGARM	84	WG	0.225 oz/a	PRE	A					
	CADRE	2	AS	4.0 oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C					
	2,4-DB	1.75	SL	16.0 oz/a	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.

Could not calculate LSD (% mean diff) for columns 6,9,12,17,18,19 because error mean square = 0.

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Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code							-----	Amapa	Rapra	---	---	Amapa	
Crop Code							Arahy	----	----	Arahy	Arahy		
Part Rated										Plant -	Leaf -		
Rating Data Type							Stunting	Control	Control	Stunting	Burn	Control	
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent	
Rating Date							May-22-20	May-22-20	May-22-20	Jun-1-20	Jun-1-20	Jun-1-20	
PRM Data Type													
# Subsamples, Dec.													
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	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	11.3 a	0.0 e	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	WARRANT	3	ME	48.0	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	27.5 a	99.0 a	99.0 a	12.5 a	0.0 e	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ZIDUA	4.17	SC	2.5	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	25.0 a	99.0 a	99.0 a	12.5 a	0.0 e	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ANTHEM FLEX	4	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						
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	27.5 a	99.0 a	98.0 b	12.5 a	0.0 e	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	OUTLOOK	6	EC	12.8	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 c	0.0 c	0.0 e	0.0 b
LSD P=.10								3.94	2.95	0.99	3.91	1.88	.
Standard Deviation								3.30	2.47	0.83	3.27	1.57	0.00
CV								29.29	3.08	2.02	44.8	39.64	0.0
Grand Mean								11.25	80.19	41.08	7.29	3.96	82.50
Bartlett's X2								0.101	2.877	0.00	4.348	0.101	0.00
P(Bartlett's X2)								0.999	0.411	.	0.887	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.

Could not calculate LSD (% mean diff) for columns 6,9,12,17,18,19 because error mean square = 0.

University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT											
Trial ID:		PE-05-20		Study Dir.:							
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Weed Code						Rapra	Ipola	Agrass	----	----	Amapa
Crop Code									Arahy	Arahy	
Part Rated									Leaf -	Plant -	
Rating Data Type						Control	Control	Control	Burn	Stunting	Control
Rating Unit						Percent	Percent	Percent	Percent	Percent	Percent
Rating Date						Jun-1-20	Jun-1-20	Jun-1-20	Jun-18-20	Jun-18-20	Jun-18-20
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
1	NTC							0.0 c	0.0 c	0.0 b	0.0 c
2	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		98.0 b	99.0 a	99.0 a	0.0 c
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					0.0 c
	STORM	4	SL	16.0 oz/a	EPOST	B					99.0 a
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C					
	2,4-DB	1.75	SL	16.0 oz/a	POST	C					
3	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		98.0 b	99.0 a	99.0 a	0.0 c
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					0.0 c
	STORM	4	SL	16.0 oz/a	EPOST	B					99.0 a
	WARRANT	3	ME	48.0 oz/a	EPOST	B					
	INDUCE			0.25 % v/v	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	WARRANT	3	ME	48.0 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 H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	0.0 c
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					0.0 c
	STORM	4	SL	16.0 oz/a	EPOST	B					99.0 a
	ZIDUA	4.17	SC	2.5 oz/a	EPOST	B					
	INDUCE			0.25 % v/v	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	ZIDUA	4.17	SC	2.5 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 H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	18.8 b
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					6.3 ab
	STORM	4	SL	16.0 oz/a	EPOST	B					99.0 a
	ANTHEM FLEX	4.17	SL	3.0 oz/a	EPOST	B					
	INDUCE			0.25 % v/v	EPOST	B					
	CADRE	2	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					
6	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	0.0 c
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					0.0 c
	STORM	4	SL	16.0 oz/a	EPOST	B					99.0 a
	OUTLOOK	6	EC	10.5 oz/a	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	OUTLOOK	6	EC	10.5 oz/a	POST	C					
	2,4-DB	1.75	SL	16.0 oz/a	POST	C					
7	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	0.0 c
	VALOR EZ	4	L	3.0 oz/a	PRE	A					0.0 c
	STRONGARM	84	WG	0.225 oz/a	PRE	A					99.0 a
	CADRE	2	AS	4.0 oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C					
	2,4-DB	1.75	SL	16.0 oz/a	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.

Could not calculate LSD (% mean diff) for columns 6,9,12,17,18,19 because error mean square = 0.

University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT													
Trial ID:		PE-05-20		Study Dir.:									
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code							Rapra	Ipola	Agrass	----	----	Amapa	
Crop Code										Arahy	Arahy		
Part Rated										Leaf -	Plant -		
Rating Data Type							Control	Control	Control	Burn	Stunting	Control	
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent	
Rating Date							Jun-1-20	Jun-1-20	Jun-1-20	Jun-18-20	Jun-18-20	Jun-18-20	
PRM Data Type													
# Subsamples, Dec.													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	95.5 b	99.0 a	0.0 c	2.5 bc	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	WARRANT	3	ME	48.0	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	0.0 c	7.5 a	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ZIDUA	4.17	SC	2.5	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	99.0 a	20.0 a	5.0 ab	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ANTHEM FLEX	4	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						
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	0.0 c	0.0 c	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	OUTLOOK	6	EC	12.8	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 b	0.0 c	0.0 c	0.0 b	
LSD P=.10							0.93	2.42	.	0.86	4.21	.	
Standard Deviation							0.78	2.02	0.00	0.72	3.52	0.00	
CV							0.95	2.46	0.0	22.35	198.77	0.0	
Grand Mean							82.33	82.21	82.50	3.23	1.77	82.50	
Bartlett's X2							0.00	0.00	0.00	0.00	0.682	0.00	
P(Bartlett's X2)							.	.	.	.	0.877	.	

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University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT												
Trial ID:		PE-05-20		Study Dir.:								
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Rapra	Agrass	Amapa	Rapra	Agrass	Amapa
Crop Code												
Part Rated												
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							Jun-18-20	Jun-18-20	Jun-30-20	Jun-30-20	Jun-30-20	Jul-21-20
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	13	14	15	16	17
	1 NTC							0.0 c	0.0 c	0.0 b	0.0 c	0.0 b
	2 PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	98.0 b	76.5 a	97.0 ab	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
	CADRE	2	AS	4.0 oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	3 PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	98.0 ab	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	WARRANT	3	ME	48.0 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	2	AS	4.0 oz/a	POST	C						
	WARRANT	3	ME	48.0 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 H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	76.5 a	97.0 ab	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	ZIDUA	4.17	SC	2.5 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	2	AS	4.0 oz/a	POST	C						
	ZIDUA	4.17	SC	2.5 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 H2O	3.8	SC	32.0 oz/a	PRE	A		98.0 b	99.0 a	76.5 a	98.0 ab	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	ANTHEM FLEX	4.17	SL	3.0 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
	CADRE	2	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						
	6 PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	96.0 b	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	OUTLOOK	6	EC	10.5 oz/a	EPOST	B						
	CADRE	2	AS	4.0 oz/a	POST	C						
	OUTLOOK	6	EC	10.5 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
	7 PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	98.0 b	76.5 a	96.0 b	99.0 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
	2,4-DB	1.75	SL	16.0 oz/a	POST	C						

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

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University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT												
Trial ID:		PE-05-20		Study Dir.:								
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Rapra	Agrass	Amapa	Rapra	Agrass	Amapa
Crop Code												
Part Rated												
Rating Data Type							Control	Control	Control	Control	Control	Control
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							Jun-18-20	Jun-18-20	Jun-30-20	Jun-30-20	Jun-30-20	Jul-21-20
PRM Data Type												
# Subsamples, Dec.												
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	13	14	15	16	17
								18				
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	97.0 ab	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A					
	STRONGARM	84	WG	0.225	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	WARRANT	3	ME	48.0	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	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A					
	STRONGARM	84	WG	0.225	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	ZIDUA	4.17	SC	2.5	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	99.0 a	95.8 b	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A					
	STRONGARM	84	WG	0.225	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	ANTHEM FLEX	4	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					
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	98.0 b	99.0 a	99.0 a	98.0 ab	99.0 a
	VALOR EZ	4	L	3.0	oz/a	PRE	A					
	STRONGARM	84	WG	0.225	oz/a	PRE	A					
	CADRE	2	AS	4.0	oz/a	POST	C					
	OUTLOOK	6	EC	12.8	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 b	0.0 c	0.0 b	0.0 b
LSD P=.10							0.99	0.99	31.56	2.27	.	.
Standard Deviation							0.83	0.83	26.37	1.89	0.00	0.00
CV							1.01	1.01	35.16	2.34	0.0	0.0
Grand Mean							82.33	82.33	75.00	80.98	82.50	82.50
Bartlett's X2							0.00	0.00	0.00	3.631	0.00	0.00
P(Bartlett's X2)							.	.	.	0.889	.	.

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

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University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT											
Trial ID:		PE-05-20		Study Dir.:							
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Weed Code						Rapra	Agrass	Amapa	Agrass	Iposp	-----
Crop Code								-----	-----	-----	-----
Part Rated											ARAHY
Rating Data Type						Control	Control	Control	Control	Control	YIELD
Rating Unit						Percent	Percent	Percent	Percent	Percent	LBS/PLOT
Rating Date						Jul-21-20	Jul-21-20	Aug-20-20	Aug-20-20	Aug-20-20	Oct-5-20
PRM Data Type											
# Subsamples, Dec.											- 1
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Rate	Unit	Stg	Code	19	20	21	22
								23			24
1	NTC							0.0 b	0.0 c	0.0 b	0.0 b
2	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					21.2 a
	STORM	4	SL	16.0 oz/a	EPOST	B					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C					
	2,4-DB	1.75	SL	16.0 oz/a	POST	C					
3	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	98.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					99.0 a
	STORM	4	SL	16.0 oz/a	EPOST	B					21.2 a
	WARRANT	3	ME	48.0 oz/a	EPOST	B					
	INDUCE			0.25 % v/v	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	WARRANT	3	ME	48.0 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 H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	98.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					99.0 a
	STORM	4	SL	16.0 oz/a	EPOST	B					20.5 a
	ZIDUA	4.17	SC	2.5 oz/a	EPOST	B					
	INDUCE			0.25 % v/v	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	ZIDUA	4.17	SC	2.5 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 H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					97.0 b
	STORM	4	SL	16.0 oz/a	EPOST	B					21.3 a
	ANTHEM FLEX	4.17	SL	3.0 oz/a	EPOST	B					
	INDUCE			0.25 % v/v	EPOST	B					
	CADRE	2	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					
6	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	99.0 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B					98.0 ab
	STORM	4	SL	16.0 oz/a	EPOST	B					17.5 a
	OUTLOOK	6	EC	10.5 oz/a	EPOST	B					
	CADRE	2	AS	4.0 oz/a	POST	C					
	OUTLOOK	6	EC	10.5 oz/a	POST	C					
	2,4-DB	1.75	SL	16.0 oz/a	POST	C					
7	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	98.0 a	98.0 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A					99.0 a
	STRONGARM	84	WG	0.225 oz/a	PRE	A					20.9 a
	CADRE	2	AS	4.0 oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C					
	2,4-DB	1.75	SL	16.0 oz/a	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.

Could not calculate LSD (% mean diff) for columns 6,9,12,17,18,19 because error mean square = 0.

University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT													
Trial ID:		PE-05-20		Study Dir.:									
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code						Rapra	Agrass	Amapa	Agrass	Iposp	-----		
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	Aug-20-20	Aug-20-20	Aug-20-20	Aug-20-20		
PRM Data Type													
# Subsamples, Dec.											- 1		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	19	20	21	22	23	24
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	20.2 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	WARRANT	3	ME	48.0 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	98.0 ab	20.6 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	ZIDUA	4.17	SC	2.5 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	99.0 a	99.0 a	98.0 ab	19.5 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	ANTHEM FLEX	4	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							
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		99.0 a	98.0 b	98.0 a	98.0 a	97.0 b	19.4 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A							
	STRONGARM	84	WG	0.225 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	C							
	OUTLOOK	6	EC	12.8 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 b	0.0 c	0.0 b	
LSD P=.10							.	0.69	1.18	1.18	1.64	4.10	
Standard Deviation							0.00	0.58	0.99	0.99	1.37	3.43	
CV							0.0	0.7	1.2	1.2	1.67	20.34	
Grand Mean							82.50	82.42	82.25	82.25	81.92	16.85	
Bartlett's X2							0.00	0.00	0.00	0.00	0.145	31.282	
P(Bartlett's X2)							.	.	1.00	1.00	0.997	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 6,9,12,17,18,19 because error mean square = 0.

University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT									
Trial ID:		PE-05-20		Study Dir.:					
Location:		PONDER FARM		Investigator:		Eric P. Prostko			
Weed Code						-----		-----	
Crop Code						ARAHY		ARAHY	
Part Rated						CLEAN -		CLEAN -	
Rating Data Type						YIELD		YIELD	
Rating Unit						LBS/PLOT		LBS/A	
Rating Date						Oct-5-20		Oct-5-20	
PRM Data Type						T1		TY2	
# Subsamples, Dec.						- 1		- 0	
Trt	Treatment	Form	Form	Rate	Grow	Appl			
No.	Name	Conc	Type	Rate	Unit	Stg	Code	25	26
1	NTC							0.0 b	0 b
2	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		20.8 a	5410 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B			
	CADRE	2	AS	4.0 oz/a	POST	C			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
3	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		20.8 a	5404 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	WARRANT	3	ME	48.0 oz/a	EPOST	B			
	INDUCE			0.25 % v/v	EPOST	B			
	CADRE	2	AS	4.0 oz/a	POST	C			
	WARRANT	3	ME	48.0 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 H2O	3.8	SC	32.0 oz/a	PRE	A		20.1 a	5231 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	ZIDUA	4.17	SC	2.5 oz/a	EPOST	B			
	INDUCE			0.25 % v/v	EPOST	B			
	CADRE	2	AS	4.0 oz/a	POST	C			
	ZIDUA	4.17	SC	2.5 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 H2O	3.8	SC	32.0 oz/a	PRE	A		20.9 a	5435 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	ANTHEM FLEX	4.17	SL	3.0 oz/a	EPOST	B			
	INDUCE			0.25 % v/v	EPOST	B			
	CADRE	2	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			
6	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		17.1 a	4459 a
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B			
	STORM	4	SL	16.0 oz/a	EPOST	B			
	OUTLOOK	6	EC	10.5 oz/a	EPOST	B			
	CADRE	2	AS	4.0 oz/a	POST	C			
	OUTLOOK	6	EC	10.5 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
7	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A		20.5 a	5333 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A			
	STRONGARM	84	WG	0.225 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	C			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	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.

Could not calculate LSD (% mean diff) for columns 6,9,12,17,18,19 because error mean square = 0.

University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT									
Trial ID:		PE-05-20		Study Dir.:					
Location:		PONDER FARM		Investigator:		Eric P. Prostko			
Weed Code						-----	-----		
Crop Code						ARAHY	ARAHY		
Part Rated						CLEAN -	CLEAN -		
Rating Data Type						YIELD	YIELD		
Rating Unit						LBS/PLOT	LBS/A		
Rating Date						Oct-5-20	Oct-5-20		
PRM Data Type						T1	TY2		
# Subsamples, Dec.						- 1	- 0		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	25	26
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		19.8 a	5148 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A			
	STRONGARM	84	WG	0.225 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	C			
	WARRANT	3	ME	48.0 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		20.2 a	5263 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A			
	STRONGARM	84	WG	0.225 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	C			
	ZIDUA	4.17	SC	2.5 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		19.1 a	4976 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A			
	STRONGARM	84	WG	0.225 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	C			
	ANTHEM FLEX	4	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			
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		19.0 a	4944 a
	VALOR EZ	4	L	3.0 oz/a	PRE	A			
	STRONGARM	84	WG	0.225 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	C			
	OUTLOOK	6	EC	12.8 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
12	NTC							0.0 b	0 b
LSD P=.10							4.02	1046.8	
Standard Deviation							3.36	874.7	
CV							20.34	20.34	
Grand Mean							16.52	4300.4	
Bartlett's X2							31.282	31.282	
P(Bartlett's X2)							0.001*	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 6,9,12,17,18,19 because error mean square = 0.

University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT					
Trial ID:	PE-05-20	Study Dir.:			
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For ----- Arahy Stunting Percent May-22-20 (Data Column 1)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	8925.000000			
Replicate	3	41.666667	13.888889	1.279	0.2977
Treatment	11	8525.000000	775.000000	71.372	0.0001
Error	33	358.333333	10.858586		
Randomized Complete Block (RCB) AOV For Amapa ----- Control Percent May-22-20 (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	62279.312500			
Replicate	3	25.062500	8.354167	1.374	0.2679
Treatment	11	62053.562500	5641.232955	927.615	0.0001
Error	33	200.687500	6.081439		
Randomized Complete Block (RCB) AOV For Rapra ----- Control Percent May-22-20 (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	113451.666667			
Replicate	3	1.333333	0.444444	0.647	0.5904
Treatment	11	113427.666667	10311.606061	15012.487	0.0001
Error	33	22.666667	0.686869		
Randomized Complete Block (RCB) AOV For --- Arahy Plant Stunting Percent Jun-1-20 (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1597.916667			
Replicate	3	110.416667	36.805556	3.450	0.0276
Treatment	11	1135.416667	103.219697	9.675	0.0001
Error	33	352.083333	10.669192		
Randomized Complete Block (RCB) AOV For --- Arahy Leaf Burn Percent Jun-1-20 (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1297.916667			
Replicate	3	18.750000	6.250000	2.538	0.0734
Treatment	11	1197.916667	108.901515	44.231	0.0001
Error	33	81.250000	2.462121		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jun-1-20 (Data Column 6)					
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-1-20 (Data Column 7)					
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 Ipola Control Percent Jun-1-20 (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65069.916667			
Replicate	3	12.250000	4.083333	1.000	0.4051
Treatment	11	64922.916667	5902.083333	1445.408	0.0001
Error	33	134.750000	4.083333		
Randomized Complete Block (RCB) AOV For Agrass Control Percent Jun-1-20 (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-18-20 (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	2524.479167			
Replicate	3	1.562500	0.520833	1.000	0.4051
Treatment	11	2505.729167	227.793561	437.364	0.0001
Error	33	17.187500	0.520833		

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT					
Trial ID:	PE-05-20	Study Dir.:			
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Stunting Percent Jun-18-20 (Data Column 11)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	774.479167			
Replicate	3	9.895833	3.298611	0.266	0.8492
Treatment	11	355.729167	32.339015	2.610	0.0163
Error	33	408.854167	12.389520		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jun-18-20 (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 Rapra Control Percent Jun-18-20 (Data Column 13)					
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 Agrass Control Percent Jun-18-20 (Data Column 14)					
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 Amapa Control Percent Jun-30-20 (Data Column 15)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	83160.000000			
Replicate	3	1350.000000	450.000000	0.647	0.5904
Treatment	11	58860.000000	5350.909091	7.694	0.0001
Error	33	22950.000000	695.454545		
Randomized Complete Block (RCB) AOV For Rapra Control Percent Jun-30-20 (Data Column 16)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	63156.979167			
Replicate	3	44.395833	14.798611	4.126	0.0137
Treatment	11	62994.229167	5726.748106	1596.756	0.0001
Error	33	118.354167	3.586490		
Randomized Complete Block (RCB) AOV For Agrass Control Percent Jun-30-20 (Data Column 17)					
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 Amapa Control Percent Jul-21-20 (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 Rapra Control Percent Jul-21-20 (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 Agrass Control Percent Jul-21-20 (Data Column 20)					
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		

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK					
WEED CONTROL PROGRAMS IN PEANUT					
Trial ID:	PE-05-20	Study Dir.:			
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For Amapa ----- Control Percent Aug-20-20 (Data Column 21)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64989.000000			
Replicate	3	3.666667	1.222222	1.247	0.3083
Treatment	11	64953.000000	5904.818182	6026.568	0.0001
Error	33	32.333333	0.979798		
Randomized Complete Block (RCB) AOV For Agrass ----- Control Percent Aug-20-20 (Data Column 22)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64989.000000			
Replicate	3	3.666667	1.222222	1.247	0.3083
Treatment	11	64953.000000	5904.818182	6026.568	0.0001
Error	33	32.333333	0.979798		
Randomized Complete Block (RCB) AOV For Iposp ----- Control Percent Aug-20-20 (Data Column 23)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64511.666667			
Replicate	3	6.333333	2.111111	1.130	0.3513
Treatment	11	64443.666667	5858.515152	3135.098	0.0001
Error	33	61.666667	1.868687		
Randomized Complete Block (RCB) AOV For ----- ARAHY DIRTY YIELD LBS/PLOT Oct-5-20 1 (Data Column 24)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	3213.019792			
Replicate	3	48.870625	16.290208	1.386	0.2642
Treatment	11	2776.382292	252.398390	21.480	0.0001
Error	33	387.766875	11.750511		
Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/PLOT Oct-5-20 T1 1 (Data Column 25)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	3085.784208			
Replicate	3	46.935348	15.645116	1.386	0.2642
Treatment	11	2666.437553	242.403414	21.480	0.0001
Error	33	372.411307	11.285191		
Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/A Oct-5-20 TY2 0 (Data Column 26)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	209228492.882053			
Replicate	3	3182404.055361	1060801.351787	1.386	0.2642
Treatment	11	180795114.943413	16435919.540310	21.480	0.0001
Error	33	25250973.883279	765181.026766		
<u>Weed Code</u>					
Amapa = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.					
Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.					
Ipola = MORNINGGLORY, SMALL WHITE / IPOMOEA LACUNOSA L.					
<u>Part Rated</u>					
Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)					
Leaf = LEAF / FOLIAGE					
<u>PRM Data Type</u>					
T1 = [24]*0.98					
TY2 = 260.392*[25]					

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT												
Trial ID:		PE-05-20		Study Dir.:								
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							-----	Amapa	Rapra	---	---	Amapa
Crop Code							Arahy	-----		Arahy	Arahy	
Part Rated										Plant -	Leaf -	
Rating Data Type							Stunting	Control	Control	Stunting	Burn	Control
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							May-22-20	May-22-20	May-22-20	Jun-1-20	Jun-1-20	Jun-1-20
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
							207		0.0	0.0	0.0	0.0
							302		0.0	0.0	0.0	0.0
							404		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	0.0	85.0	0.0	0.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	204	0.0	95.0	0.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	B	307	0.0	95.0	0.0	5.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	409	0.0	95.0	0.0	5.0
	CADRE	2	AS	4.0	oz/a	POST	C					10.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					10.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					10.0
							Mean =		0.0	92.5	0.0	2.5
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	0.0	85.0	0.0	0.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	206	0.0	95.0	0.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	B	309	0.0	99.0	0.0	10.0
	WARRANT	3	ME	48.0	oz/a	EPOST	B	402	0.0	95.0	0.0	5.0
	INDUCE			0.25	% v/v	EPOST	B					10.0
	CADRE	2	AS	4.0	oz/a	POST	C					10.0
	WARRANT	3	ME	48.0	oz/a	POST	C					10.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					10.0
	INDUCE			0.25	% v/v	POST	C					10.0
							Mean =		0.0	93.5	0.0	3.8
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	0.0	95.0	0.0	0.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	209	0.0	95.0	0.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	B	312	0.0	95.0	0.0	10.0
	ZIDUA	4.17	SC	2.5	oz/a	EPOST	B	403	0.0	95.0	0.0	5.0
	INDUCE			0.25	% v/v	EPOST	B					10.0
	CADRE	2	AS	4.0	oz/a	POST	C					10.0
	ZIDUA	4.17	SC	2.5	oz/a	POST	C					10.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					10.0
	INDUCE			0.25	% v/v	POST	C					10.0
							Mean =		0.0	95.0	0.0	3.8
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	0.0	95.0	0.0	10.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	212	0.0	95.0	0.0	10.0
	STORM	4	SL	16.0	oz/a	EPOST	B	305	0.0	95.0	0.0	10.0
	ANTHEM FLEX	4.17	SL	3.0	oz/a	EPOST	B	401	0.0	90.0	0.0	15.0
	INDUCE			0.25	% v/v	EPOST	B					5.0
	CADRE	2	AS	4.0	oz/a	POST	C					10.0
	ANTHEM FLEX	4	SL	3.0	oz/a	POST	C					10.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					10.0
	INDUCE			0.25	% v/v	POST	C					10.0
							Mean =		0.0	93.8	0.0	11.3
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	0.0	95.0	0.0	0.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	202	0.0	90.0	0.0	10.0
	STORM	4	SL	16.0	oz/a	EPOST	B	306	0.0	95.0	0.0	5.0
	OUTLOOK	6	EC	10.5	oz/a	EPOST	B	408	0.0	90.0	0.0	10.0
	CADRE	2	AS	4.0	oz/a	POST	C					10.0
	OUTLOOK	6	EC	10.5	oz/a	POST	C					10.0
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					10.0
							Mean =		0.0	92.5	0.0	6.3

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT														
Trial ID:		PE-05-20		Study Dir.:										
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code							-----	Amapa	Rapra	---	---	Amapa		
Crop Code							Arahy	-----		Arahy	Arahy			
Part Rated										Plant -	Leaf -			
Rating Data Type							Stunting	Control	Control	Stunting	Burn	Control		
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent		
Rating Date							May-22-20	May-22-20	May-22-20	Jun-1-20	Jun-1-20	Jun-1-20		
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
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	30.0	99.0	95.0	10.0	0.0	99.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	208	30.0	99.0	99.0	15.0	0.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	304	30.0	99.0	99.0	5.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	407	20.0	99.0	99.0	15.0	0.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	Mean =								27.5	99.0	98.0	11.3	0.0	99.0
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	30.0	99.0	99.0	10.0	0.0	99.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	205	30.0	99.0	99.0	10.0	0.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	311	30.0	99.0	99.0	10.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	405	20.0	99.0	99.0	15.0	0.0	99.0
	WARRANT	3	ME	48.0	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	INDUCE			0.25	% v/v	POST	C							
	Mean =								27.5	99.0	99.0	11.3	0.0	99.0
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	30.0	99.0	99.0	10.0	0.0	99.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	211	20.0	99.0	99.0	10.0	0.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	310	30.0	99.0	99.0	15.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	411	30.0	99.0	99.0	15.0	0.0	99.0
	ZIDUA	4.17	SC	2.5	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	INDUCE			0.25	% v/v	POST	C							
	Mean =								27.5	99.0	99.0	12.5	0.0	99.0
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	30.0	99.0	99.0	10.0	0.0	99.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	203	30.0	99.0	99.0	10.0	0.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	301	20.0	99.0	99.0	15.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	412	20.0	99.0	99.0	15.0	0.0	99.0
	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 =								25.0	99.0	99.0	12.5	0.0	99.0
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	30.0	99.0	99.0	10.0	0.0	99.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	201	20.0	99.0	95.0	20.0	0.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	303	30.0	99.0	99.0	10.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	410	30.0	99.0	99.0	10.0	0.0	99.0
	OUTLOOK	6	EC	12.8	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	Mean =								27.5	99.0	98.0	12.5	0.0	99.0
12	NTC							112	0.0	0.0	0.0	0.0	0.0	0.0
								210	0.0	0.0	0.0	0.0	0.0	0.0
								308	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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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT												
Trial ID:		PE-05-20		Study Dir.:								
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Rapra	Ipola	Agrass	----	----	Amapa
Crop Code										Arahy	Arahy	
Part Rated										Leaf -	Plant -	
Rating Data Type							Control	Control	Control	Burn	Stunting	Control
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							Jun-1-20	Jun-1-20	Jun-1-20	Jun-18-20	Jun-18-20	Jun-18-20
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											
	</											

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT														
Trial ID:		PE-05-20		Study Dir.:										
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code							Rapra	Ipola	Agrass	----	----	Amapa		
Crop Code										Arahy	Arahy			
Part Rated										Leaf -	Plant -			
Rating Data Type							Control	Control	Control	Burn	Stunting	Control		
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent		
Rating Date							Jun-1-20	Jun-1-20	Jun-1-20	Jun-18-20	Jun-18-20	Jun-18-20		
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	0.0	0.0	99.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	208	99.0	99.0	99.0	0.0	0.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	304	99.0	99.0	99.0	0.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	407	99.0	99.0	99.0	0.0	0.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
	Mean =								99.0	99.0	99.0	0.0	0.0	99.0
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	99.0	85.0	99.0	0.0	0.0	99.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	205	99.0	99.0	99.0	0.0	0.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	311	99.0	99.0	99.0	0.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	405	99.0	99.0	99.0	0.0	10.0	99.0
	WARRANT	3	ME	48.0	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	95.5	99.0	0.0	2.5	99.0
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	99.0	99.0	99.0	0.0	0.0	99.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	211	99.0	99.0	99.0	0.0	10.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	310	99.0	99.0	99.0	0.0	10.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	411	99.0	99.0	99.0	0.0	10.0	99.0
	ZIDUA	4.17	SC	2.5	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	0.0	7.5	99.0
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	99.0	99.0	99.0	20.0	0.0	99.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	203	99.0	99.0	99.0	20.0	10.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	301	99.0	99.0	99.0	20.0	10.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	412	99.0	99.0	99.0	20.0	0.0	99.0
	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	20.0	5.0	99.0
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	99.0	99.0	99.0	0.0	0.0	99.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	201	99.0	99.0	99.0	0.0	0.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	303	99.0	99.0	99.0	0.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	410	99.0	99.0	99.0	0.0	0.0	99.0
	OUTLOOK	6	EC	12.8	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	0.0	99.0
12	NTC							112	0.0	0.0	0.0	0.0	0.0	0.0
								210	0.0	0.0	0.0	0.0	0.0	0.0
								308	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

University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT														
Trial ID:		PE-05-20		Study Dir.:										
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code								Rapra	Agrass	Amapa	Rapra	Agrass	Amapa	
Crop Code														
Part Rated														
Rating Data Type								Control	Control	Control	Control	Control	Control	
Rating Unit								Percent	Percent	Percent	Percent	Percent	Percent	
Rating Date								Jun-18-20	Jun-18-20	Jun-30-20	Jun-30-20	Jun-30-20	Jul-21-20	
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
							207		0.0	0.0	0.0	0.0	0.0	0.0
							302		0.0	0.0	0.0	0.0	0.0	0.0
							404		0.0	0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	102		99.0	99.0	99.0	99.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	204		99.0	99.0	99.0	95.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B	307		99.0	99.0	9.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B	409		99.0	95.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C								
	2,4-DB	1.75	SL	16.0 oz/a	POST	C								
							Mean =		99.0	98.0	76.5	97.0	99.0	99.0
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	103		99.0	99.0	99.0	99.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	206		99.0	99.0	99.0	95.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B	309		99.0	99.0	99.0	99.0	99.0	99.0
	WARRANT	3	ME	48.0 oz/a	EPOST	B	402		99.0	99.0	99.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B								
	CADRE	2	AS	4.0 oz/a	POST	C								
	WARRANT	3	ME	48.0 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	99.0	99.0
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	104		99.0	99.0	9.0	99.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	209		99.0	99.0	99.0	95.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B	312		99.0	99.0	99.0	99.0	99.0	99.0
	ZIDUA	4.17	SC	2.5 oz/a	EPOST	B	403		99.0	99.0	99.0	95.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B								
	CADRE	2	AS	4.0 oz/a	POST	C								
	ZIDUA	4.17	SC	2.5 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	76.5	97.0	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	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	212		99.0	99.0	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B	305		99.0	99.0	9.0	95.0	99.0	99.0
	ANTHEM FLEX	4.17	SL	3.0 oz/a	EPOST	B	401		95.0	99.0	99.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B								
	CADRE	2	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 =		98.0	99.0	76.5	98.0	99.0	99.0
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	106		99.0	99.0	99.0	99.0	99.0	99.0
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	202		99.0	99.0	99.0	95.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B	306		99.0	99.0	99.0	95.0	99.0	99.0
	OUTLOOK	6	EC	10.5 oz/a	EPOST	B	408		99.0	99.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	C								
	OUTLOOK	6	EC	10.5 oz/a	POST	C								
	2,4-DB	1.75	SL	16.0 oz/a	POST	C								
							Mean =		99.0	99.0	99.0	96.0	99.0	99.0

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT															
Trial ID:		PE-05-20		Study Dir.:											
Location:		PONDER FARM		Investigator:		Eric P. Prostko									
Weed Code							Rapra	Agrass	Amapa	Rapra	Agrass	Amapa			
Crop Code															
Part Rated															
Rating Data Type							Control	Control	Control	Control	Control	Control			
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent			
Rating Date							Jun-18-20	Jun-18-20	Jun-30-20	Jun-30-20	Jun-30-20	Jul-21-20			
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	99.0	99.0	99.0	
	VALOR EZ	4	L	3.0	oz/a	PRE	A	208	99.0	99.0	9.0	95.0	99.0	99.0	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	304	99.0	95.0	99.0	95.0	99.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	C	407	99.0	99.0	99.0	95.0	99.0	99.0	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST	C								
	Mean =								99.0	98.0	76.5	96.0	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 EZ	4	L	3.0	oz/a	PRE	A	205	99.0	99.0	99.0	95.0	99.0	99.0	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	311	99.0	99.0	99.0	99.0	99.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	C	405	99.0	99.0	99.0	95.0	99.0	99.0	
	WARRANT	3	ME	48.0	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	97.0	99.0	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	
	VALOR EZ	4	L	3.0	oz/a	PRE	A	211	99.0	99.0	99.0	99.0	99.0	99.0	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	310	99.0	99.0	99.0	99.0	99.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	C	411	99.0	99.0	99.0	99.0	99.0	99.0	
	ZIDUA	4.17	SC	2.5	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 EZ	4	L	3.0	oz/a	PRE	A	203	99.0	99.0	99.0	95.0	99.0	99.0	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	301	99.0	99.0	99.0	90.0	99.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	C	412	99.0	99.0	99.0	99.0	99.0	99.0	
	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	95.8	99.0	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	
	VALOR EZ	4	L	3.0	oz/a	PRE	A	201	99.0	99.0	99.0	95.0	99.0	99.0	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	303	95.0	99.0	99.0	99.0	99.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	C	410	99.0	99.0	99.0	99.0	99.0	99.0	
	OUTLOOK	6	EC	12.8	oz/a	POST	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST	C								
	Mean =								98.0	99.0	99.0	98.0	99.0	99.0	
12	NTC								112	0.0	0.0	0.0	0.0	0.0	0.0
									210	0.0	0.0	0.0	0.0	0.0	0.0
									308	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	0.0

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK												
WEED CONTROL PROGRAMS IN PEANUT												
Trial ID:		PE-05-20		Study Dir.:								
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Rapra	Agrass	Amapa	Agrass	Iposp	-----
Crop Code									-----	-----	-----	-----
Part Rated												-----
Rating Data Type							Control	Control	Control	Control	Control	-----
Rating Unit							Percent	Percent	Percent	Percent	Percent	-----
Rating Date							Jul-21-20	Jul-21-20	Aug-20-20	Aug-20-20	Aug-20-20	-----
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		
1	NTC						101		0.0	0.0	0.0	0.0
							207		0.0	0.0	0.0	0.0
							302		0.0	0.0	0.0	0.0
							404		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
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	204	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	307	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	409	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	16.0	oz/a	POST	C					
							Mean =		99.0	99.0	99.0	99.0
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	99.0	99.0	99.0	95.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	206	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	309	99.0	99.0	99.0	99.0
	WARRANT	3	ME	48.0	oz/a	EPOST	B	402	99.0	99.0	99.0	99.0
	INDUCE			0.25	% v/v	EPOST	B					
	CADRE	2	AS	4.0	oz/a	POST	C					
	WARRANT	3	ME	48.0	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
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	209	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	312	99.0	99.0	95.0	99.0
	ZIDUA	4.17	SC	2.5	oz/a	EPOST	B	403	99.0	99.0	99.0	99.0
	INDUCE			0.25	% v/v	EPOST	B					
	CADRE	2	AS	4.0	oz/a	POST	C					
	ZIDUA	4.17	SC	2.5	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	98.0	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	212	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	305	99.0	99.0	99.0	99.0
	ANTHEM FLEX	4.17	SL	3.0	oz/a	EPOST	B	401	99.0	99.0	99.0	99.0
	INDUCE			0.25	% v/v	EPOST	B					
	CADRE	2	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
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	99.0	99.0	99.0	99.0
	GRAMOXONE	3	SL	8.0	oz/a	EPOST	B	202	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	306	99.0	99.0	99.0	99.0
	OUTLOOK	6	EC	10.5	oz/a	EPOST	B	408	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C					
	OUTLOOK	6	EC	10.5	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

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT														
Trial ID:		PE-05-20		Study Dir.:										
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code							Rapra	Agrass	Amapa -----	Agrass -----	Iposp -----	----- ARAHY DIRTY - YIELD LBS/PLOT Oct-5-20 - 1		
Crop Code														
Part Rated														
Rating Data Type														
Rating Unit														
Rating Date														
PRM Data Type														
# Subsamples, Dec.														
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl 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	99.0	99.0	22.8
	VALOR EZ	4	L	3.0	oz/a	PRE	A	208	99.0	99.0	95.0	95.0	99.0	20.2
	STRONGARM	84	WG	0.225	oz/a	PRE	A	304	99.0	99.0	99.0	99.0	99.0	21.0
	CADRE	2	AS	4.0	oz/a	POST	C	407	99.0	99.0	99.0	99.0	99.0	19.6
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
								Mean =	99.0	99.0	98.0	98.0	99.0	20.9
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	99.0	99.0	99.0	99.0	99.0	23.0
	VALOR EZ	4	L	3.0	oz/a	PRE	A	205	99.0	99.0	99.0	99.0	99.0	22.9
	STRONGARM	84	WG	0.225	oz/a	PRE	A	311	99.0	99.0	99.0	99.0	99.0	20.6
	CADRE	2	AS	4.0	oz/a	POST	C	405	99.0	99.0	99.0	99.0	99.0	14.2
	WARRANT	3	ME	48.0	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	20.2
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	99.0	99.0	99.0	99.0	95.0	21.3
	VALOR EZ	4	L	3.0	oz/a	PRE	A	211	99.0	99.0	99.0	99.0	99.0	18.8
	STRONGARM	84	WG	0.225	oz/a	PRE	A	310	99.0	99.0	99.0	99.0	99.0	20.7
	CADRE	2	AS	4.0	oz/a	POST	C	411	99.0	99.0	99.0	99.0	99.0	21.7
	ZIDUA	4.17	SC	2.5	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	98.0	20.6
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	99.0	99.0	99.0	99.0	99.0	18.3
	VALOR EZ	4	L	3.0	oz/a	PRE	A	203	99.0	99.0	99.0	99.0	99.0	21.7
	STRONGARM	84	WG	0.225	oz/a	PRE	A	301	99.0	99.0	99.0	99.0	95.0	18.6
	CADRE	2	AS	4.0	oz/a	POST	C	412	99.0	99.0	99.0	99.0	99.0	19.4
	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	98.0	19.5
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	99.0	99.0	99.0	99.0	95.0	17.6
	VALOR EZ	4	L	3.0	oz/a	PRE	A	201	99.0	95.0	95.0	95.0	95.0	19.1
	STRONGARM	84	WG	0.225	oz/a	PRE	A	303	99.0	99.0	99.0	99.0	99.0	18.2
	CADRE	2	AS	4.0	oz/a	POST	C	410	99.0	99.0	99.0	99.0	99.0	22.6
	OUTLOOK	6	EC	12.8	oz/a	POST	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST	C							
								Mean =	99.0	98.0	98.0	98.0	97.0	19.4
12	NTC							112	0.0	0.0	0.0	0.0	0.0	0.0
								210	0.0	0.0	0.0	0.0	0.0	0.0
								308	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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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK WEED CONTROL PROGRAMS IN PEANUT									
Trial ID:		PE-05-20		Study Dir.:					
Location:		PONDER FARM		Investigator:		Eric P. Prostko			
Weed Code							-----	-----	
Crop Code							ARAHY	ARAHY	
Part Rated							CLEAN -	CLEAN -	
Rating Data Type							YIELD	YIELD	
Rating Unit							LBS/PLOT	LBS/A	
Rating Date							Oct-5-20	Oct-5-20	
PRM Data Type							T1	TY2	
# Subsamples, Dec.							- 1	- 0	
Trt	Treatment	Form	Form	Rate	Grow	Appl			
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	
								25	26
1	NTC						101	0.0	0
							207	0.0	0
							302	0.0	0
							404	0.0	0
							Mean =	0.0	0
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	102	19.3	5027
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	204	21.4	5563
	STORM	4	SL	16.0 oz/a	EPOST	B	307	20.1	5231
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B	409	22.3	5818
	CADRE	2	AS	4.0 oz/a	POST	C			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
							Mean =	20.8	5410
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	103	21.9	5691
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	206	20.8	5410
	STORM	4	SL	16.0 oz/a	EPOST	B	309	18.6	4848
	WARRANT	3	ME	48.0 oz/a	EPOST	B	402	21.8	5665
	INDUCE			0.25 % v/v	EPOST	B			
	CADRE	2	AS	4.0 oz/a	POST	C			
	WARRANT	3	ME	48.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	INDUCE			0.25 % v/v	POST	C			
							Mean =	20.8	5404
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	104	22.1	5742
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	209	18.3	4772
	STORM	4	SL	16.0 oz/a	EPOST	B	312	21.7	5640
	ZIDUA	4.17	SC	2.5 oz/a	EPOST	B	403	18.3	4772
	INDUCE			0.25 % v/v	EPOST	B			
	CADRE	2	AS	4.0 oz/a	POST	C			
	ZIDUA	4.17	SC	2.5 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	INDUCE			0.25 % v/v	POST	C			
							Mean =	20.1	5231
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	105	23.0	5997
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	212	21.9	5691
	STORM	4	SL	16.0 oz/a	EPOST	B	305	19.6	5104
	ANTHEM FLEX	4.17	SL	3.0 oz/a	EPOST	B	401	19.0	4951
	INDUCE			0.25 % v/v	EPOST	B			
	CADRE	2	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 =	20.9	5435
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	106	23.8	6201
	GRAMOXONE	3	SL	8.0 oz/a	EPOST	B	202	21.3	5537
	STORM	4	SL	16.0 oz/a	EPOST	B	306	21.3	5537
	OUTLOOK	6	EC	10.5 oz/a	EPOST	B	408	2.2	561
	CADRE	2	AS	4.0 oz/a	POST	C			
	OUTLOOK	6	EC	10.5 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
							Mean =	17.1	4459

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DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK									
WEED CONTROL PROGRAMS IN PEANUT									
Trial ID:		PE-05-20		Study Dir.:					
Location:		PONDER FARM		Investigator:		Eric P. Prostko			
Weed Code							-----	-----	
Crop Code							ARAHY	ARAHY	
Part Rated							CLEAN -	CLEAN -	
Rating Data Type							YIELD	YIELD	
Rating Unit							LBS/PLOT	LBS/A	
Rating Date							Oct-5-20	Oct-5-20	
PRM Data Type							T1	TY2	
# Subsamples, Dec.							- 1	- 0	
Trt	Treatment	Form	Form	Rate	Grow	Appl			
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	
								25	26
7	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	107	22.3	5818
	VALOR EZ	4	L	3.0 oz/a	PRE	A	208	19.8	5155
	STRONGARM	84	WG	0.225 oz/a	PRE	A	304	20.6	5359
	CADRE	2	AS	4.0 oz/a	POST	C	407	19.2	5002
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	Mean =							20.5	5333
8	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	108	22.5	5869
	VALOR EZ	4	L	3.0 oz/a	PRE	A	205	22.4	5844
	STRONGARM	84	WG	0.225 oz/a	PRE	A	311	20.2	5257
	CADRE	2	AS	4.0 oz/a	POST	C	405	13.9	3624
	WARRANT	3	ME	48.0 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	INDUCE			0.25 % v/v	POST	C			
	Mean =							19.8	5148
9	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	109	20.9	5435
	VALOR EZ	4	L	3.0 oz/a	PRE	A	211	18.4	4797
	STRONGARM	84	WG	0.225 oz/a	PRE	A	310	20.3	5282
	CADRE	2	AS	4.0 oz/a	POST	C	411	21.3	5537
	ZIDUA	4.17	SC	2.5 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	INDUCE			0.25 % v/v	POST	C			
	Mean =							20.2	5263
10	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	110	17.9	4670
	VALOR EZ	4	L	3.0 oz/a	PRE	A	203	21.3	5537
	STRONGARM	84	WG	0.225 oz/a	PRE	A	301	18.2	4746
	CADRE	2	AS	4.0 oz/a	POST	C	412	19.0	4951
	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 =							19.1	4976
11	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	111	17.2	4491
	VALOR EZ	4	L	3.0 oz/a	PRE	A	201	18.7	4874
	STRONGARM	84	WG	0.225 oz/a	PRE	A	303	17.8	4644
	CADRE	2	AS	4.0 oz/a	POST	C	410	22.1	5767
	OUTLOOK	6	EC	12.8 oz/a	POST	C			
	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
	Mean =							19.0	4944
12	NTC						112	0.0	0
							210	0.0	0
							308	0.0	0
							406	0.0	0
	Mean =							0.0	0

University of Georgia

DUAL MAGNUM VS. WARRANT VS. ZIDUA VS. ANTHEM FLEX VS. OUTLOOK

WEED CONTROL PROGRAMS IN PEANUT

Trial ID: PE-05-20

Study Dir.:

Location: PONDER FARM

Investigator: Eric P. Prostko

Weed Code

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

Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.

Ipola = MORNINGGLORY, SMALL WHITE / IPOMOEA LACUNOSA L.

Part Rated

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

Leaf = LEAF / FOLIAGE

PRM Data Type

T1 = [24]*0.98

TY2 = 260.392*[25]