

University of Georgia

WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)

VULCARUS

Trial ID: PE-14-20 Study Dir.: NEWSOME/FULMER
 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	Grow Unit	Appl Stg	Appl. Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC									-	101	207	304	411
2	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1472.5 mL	102	204	302	406
	VALOR EZ	4	SC	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	B	15	GAL/AC	3.125 mL/mx	1470.3 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15	GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	18.0 oz/a	POST	B	15	GAL/AC	14.06 mL/mx					
3	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1474.5 mL	103	210	305	409
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A	15	GPA	0.5351 mL/mx					
	CADRE	2	AS	4.0 oz/a	POST	B	15	GAL/AC	3.125 mL/mx	1470.3 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15	GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	18.0 oz/a	POST	B	15	GAL/AC	14.06 mL/mx					
4	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1474.2 mL	104	203	310	404
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	15	GPA	0.8046 mL/mx					
	CADRE	2	AS	4.0 oz/a	POST	B	15	GAL/AC	3.125 mL/mx	1470.3 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15	GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	18.0 oz/a	POST	B	15	GAL/AC	14.06 mL/mx					
5	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1473.4 mL	105	209	312	408
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A	15	GPA	1.609 mL/mx					
	CADRE	2	AS	4.0 oz/a	POST	B	15	GAL/AC	3.125 mL/mx	1470.3 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15	GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	18.0 oz/a	POST	B	15	GAL/AC	14.06 mL/mx					
6	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1471.8 mL	106	212	306	402
	TRIFLUDIMOXAZIN	4.17	SC	4.12 oz/a	PRE	A	15	GPA	3.218 mL/mx					
	CADRE	2	AS	4.0 oz/a	POST	B	15	GAL/AC	3.125 mL/mx	1470.3 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15	GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	18.0 oz/a	POST	B	15	GAL/AC	14.06 mL/mx					
7	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1474.3 mL	107	211	307	412
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A	15	GPA	0.5351 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	B	15	GAL/AC	3.125 mL/mx	1470.3 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15	GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	18.0 oz/a	POST	B	15	GAL/AC	14.06 mL/mx					
8	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1474.0 mL	108	201	309	410
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	15	GPA	0.8046 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	B	15	GAL/AC	3.125 mL/mx	1470.3 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15	GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	18.0 oz/a	POST	B	15	GAL/AC	14.06 mL/mx					
9	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1473.2 mL	109	202	308	407
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A	15	GPA	1.609 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	B	15	GAL/AC	3.125 mL/mx	1470.3 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15	GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	18.0 oz/a	POST	B	15	GAL/AC	14.06 mL/mx					
10	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	15	GPA	12.5 mL/mx	1486.7 mL	110	206	301	403
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	15	GPA	0.8046 mL/mx					
	CADRE	2	AS	4.0 oz/a	POST	B	15	GAL/AC	3.125 mL/mx	1470.3 mL				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15	GAL/AC	12.5 mL/mx					
	2,4-DB	1.75	SL	18.0 oz/a	POST	B	15	GAL/AC	14.06 mL/mx					
11	OUTLOOK	6	EC	10.5 oz/a	PRE	A	15	GPA	8.202 mL/mx	1491.0 mL	111	208	311	405
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	15	GPA	0.8046 mL/mx					
	CADRE	2	AS	4.0 oz/a	POST	B	15	GAL/AC	3.125 mL/mx	1474.6 mL				
	OUTLOOK	6	EC	10.5 oz/a	POST	B	15	GAL/AC	8.202 mL/mx					
	2,4-DB	1.75	SL	18.0 oz/a	POST	B	15	GAL/AC	14.06 mL/mx					
12	NTC									-	112	205	303	401

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)

VULCARUS

Trial ID:	PE-14-20	Study Dir.:	NEWSOME/FULMER
Location:	PONDER FARM	Investigator:	Eric P. Prostko

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

Sort Order: Treatment

Trial Comments

DIGGING DATE: SEPTEMBER 30
HARVEST DATE: OCTOBER 5
HARVEST MOISTURE: 11.4%
YIELD ADJUSTED TO 10%.
2% DEDUCTION FOR FM

SUMMARY:

- 1) GENERALLY PRE APPLICATIONS OF TRIFLUDIMOXAZIN WERE LESS INJURIOUS THAN VALOR EXCEPT AT THE 4.12 OZ/A RATE (4x)
- 2) TRIFLUDIMOXAZIN WEED CONTROL PROGRAMS PROVIDED WEED CONTROL SIMILAR TO CURRENT VALOR/CADRE STANDARD PROGRAM.
- 3) ALL HERBICIDE PROGRAMS RESULTED IN HIGHER YIELDS THAN THE NTC. NO DIFFERENCE IN PEANUT YIELDS WAS OBSERVED BETWEEN CURRENT VALOR/CADRE STANDARD PROGRAM AND ANY TRIFLUDIMOXAZIN PROGRAM.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)

VULCARUS

Trial ID: PE-14-20 Study Dir.: NEWSOME/FULMER
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: NEWSOME/FULMER

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;CRAB;CROW;GOOSE
 Weed 3. RAPRA WILD RADISH 4. IPOLA PITTED MG
 Weed 5. CYPES YELLOW NUTSEDGE 6. CASOB SICKLEPOD
 Weed 7. IAQTA SMALLFLOWER MG 8. DEDTO FL. BEGGARWEED

Crop 1: ARAHY PEANUT Variety: GA-16HO

Planting Date: May-12-20

Planting Method: MONOSEM TWIN ROW

Rate: 3.1

SEED/FT

Depth: 2 IN

Perennial Age: _____

Row Spacing: _____

Seed Bed: _____

Soil Temperature: _____

Soil Moisture: OPTIMUM

Emergence Date: _____

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

Site Type: _____

Tillage Type: CONVENTIONAL

Study Design: RACOB

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

Previous: Crops

Pesticides

Year

1. COTTON 2019

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND

% OM: 0.61 % Sand: 94

% Silt: 4

% Clay: 2

pH: 6.0

CEC: 2.5

Soil Name: TIFTON

Fertility Level:

GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-13-20		0.5	IN	SPRINKLER - LATERAL MOVE		
2. May-14-20		0.5	IN	SPRINKLER - LATERAL MOVE		
3. May-17-20		0.11	IN	RAINFALL		
4. May-20-20		1.3	IN	RAINFALL		
5. May-22-20		1.2	IN	RAINFALL		
6. May-26-20		0.26	IN	RAINFALL		
7. May-28-20		0.41	IN	RAINFALL		
8. May-29-20		0.19	IN	RAINFALL		
9. Jun-6-20		0.07	IN	RAINFALL		
10. Jun-7-20		0.59	IN	RAINFALL		
11. Jun-9-20		0.15	IN	RAINFALL		
12. Jun-12-20		2.67	IN	RAINFALL		
13. Jun-19-20		0.5	IN	RAINFALL		
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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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)			
VULCARUS			
Trial ID:	PE-14-20	Study Dir.:	NEWSOME/FULMER
Location:	PONDER FARM	Investigator:	Eric P. Prostko
Overall Moisture Conditions: _____			
Closest Weather Station: _____		Distance: _____	Unit: _____

APPLICATION DESCRIPTION						
	A	B	C	D	E	F
Application Date:	May-13-20	Jun-11-20				
Time of Day:	7:30 AM	6:45 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	POST				
Applic. Placement:	SOIL	FOLIAGE				
Air Temp., Unit:	60 F	75 F				
% Relative Humidity:	90	95				
Wind Velocity, Unit:	2 MPH	0 MPH				
Dew Presence (Y/N):	N	Y				
Water Hardness:	---	---				
Soil Temp., Unit:	68 F	80 F				
Soil Moisture:	OPTIMUM	OPTIMUM				
% Cloud Cover:	0	100				
	G	H	I	J	K	L
Application Date:						
Time of Day:						
Application Method:						
Application Timing:						
Applic. Placement:						
Air Temp., Unit:						
% Relative Humidity:						
Wind Velocity, Unit:						
Dew Presence (Y/N):						
Water Hardness:						
Soil Temp., Unit:						
Soil Moisture:						
% Cloud Cover:						

CROP STAGE AT EACH APPLICATION						
	A	B	C	D	E	F
Crop 1 Stage: ARAHY		5"T;6"W				
Stage Scale:		R1				
Height, Unit:						
	G	H	I	J	K	L
Crop 1 Stage:						
Stage Scale:						
Height, Unit:						

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)

VULCARUS

Trial ID: PE-14-20 Study Dir.: NEWSOME/FULMER
 Location: PONDER FARM Investigator: Eric P. Prostko

WEED STAGE AT EACH APPLICATION

		A	B	C	D	E	F
Weed 1	Stage: AMAPA	4"					
	Stage Scale:						
	Density, Unit:						
Weed 2	Stage: AGRASS	--					
	Stage Scale:						
	Density, Unit:						
Weed 3	Stage: RAPRA	3-6"					
	Stage Scale:						
	Density, Unit:						
Weed 4	Stage: IPOLA	4-6"					
	Stage Scale:						
	Density, Unit:						
Weed 5	Stage: CYPES	6-12"					
	Stage Scale:						
	Density, Unit:						
Weed 6	Stage: CASOB	5-6"					
	Stage Scale:						
	Density, Unit:						
Weed 7	Stage: IAQTA	2-3"					
	Stage Scale:						
	Density, Unit:						
Weed 8	Stage: DEDTO	0.5-3"					
	Stage Scale:						
	Density, Unit:						
		G	H	I	J	K	L
Weed 1	Stage:						
	Stage Scale:						
	Density, Unit:						
Weed 2	Stage:						
	Stage Scale:						
	Density, Unit:						
Weed 3	Stage:						
	Stage Scale:						
	Density, Unit:						
Weed 4	Stage:						
	Stage Scale:						
	Density, Unit:						
Weed 5	Stage:						
	Stage Scale:						
	Density, Unit:						
Weed 6	Stage:						
	Stage Scale:						
	Density, Unit:						
Weed 7	Stage:						
	Stage Scale:						
	Density, Unit:						
Weed 8	Stage:						
	Stage Scale:						
	Density, Unit:						

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)

VULCARUS

Trial ID: PE-14-20 Study Dir.: NEWSOME/FULMER
 Location: PONDER FARM Investigator: Eric P. Prostko

APPLICATION EQUIPMENT

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

	G	H	I	J	K	L
Appl. Equipment:						
Operating Pressure:						
Nozzle Type:						
Nozzle Size:						
Nozzle Spacing, Unit:						
Nozzles/Row:						
Band Width, Unit:						
Boom Length, Unit:						
Boom Height, Unit:						
Ground Speed, Unit:						
Incorporation Equip.:						
Hours to Incorp.:						
Incorp. Depth, Unit:						
Carrier:						
Spray Volume, Unit:						
Spray pH:						
Propellant:						
Tank Mix (Y/N):	-	-	-	-	-	-

Trt No	Treatment Application Comment

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)										
VULCARUS										
Trial ID: PE-14-20		Study Dir.: NEWSOME/FULMER								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code										
Crop Code										
Part Rated										
Rating Data Type										
Rating Unit										
Rating Date										
PRM Data Type										
# Subsamples, Dec.										
Trt Treatment	Form Form	Rate Grow	Appl							
No. Name	Conc Type	Unit Stg	Code	1	2	3	4	5	6	
1 NTC				0.0 f	0.0 b	0.0 c	0.0 c	0.0 d	0.0 c	
2 PROWL H20	3.8 SC	32.0 oz/a	PRE A	28.8 a	99.0 a	99.0 a	99.0 a	13.8 b	99.0 a	
VALOR EZ	4 SC	3.0 oz/a	PRE A							
STRONGARM	84 WG	0.225 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
3 PROWL H20	3.8 SC	32.0 oz/a	PRE A	7.5 e	99.0 a	98.0 b	93.5 b	3.8 cd	97.0 b	
TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
4 PROWL H20	3.8 SC	32.0 oz/a	PRE A	10.0 de	99.0 a	99.0 a	97.0 a	1.3 d	99.0 a	
TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
5 PROWL H20	3.8 SC	32.0 oz/a	PRE A	15.0 c	99.0 a	99.0 a	99.0 a	6.3 c	99.0 a	
TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
6 PROWL H20	3.8 SC	32.0 oz/a	PRE A	21.3 b	99.0 a	99.0 a	99.0 a	38.8 a	99.0 a	
TRIFLUDIMOXAZIN	4.17 SC	4.12 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
7 PROWL H20	3.8 SC	32.0 oz/a	PRE A	13.8 cd	99.0 a	98.0 b	97.0 a	6.3 c	98.0 ab	
TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A							
STRONGARM	84 WG	0.225 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
8 PROWL H20	3.8 SC	32.0 oz/a	PRE A	13.8 cd	99.0 a	99.0 a	99.0 a	6.3 c	99.0 a	
TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A							
STRONGARM	84 WG	0.225 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
9 PROWL H20	3.8 SC	32.0 oz/a	PRE A	21.3 b	99.0 a	99.0 a	98.0 a	11.3 b	99.0 a	
TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A							
STRONGARM	84 WG	0.225 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	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.

Missing data estimates are included in columns: Average=26, 27, 28

Could not calculate LSD (% mean diff) for columns 2, 12, 14, 16, 17, 20, 21, 24 because error mean square = 0.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)													
VULCARUS													
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code							----	Amapa	Dedto	Rapra	----	Amapa	
Crop Code							Arahy	----			Arahy		
Part Rated											Plant -		
Rating Data Type							Stunting	Control	Control	Control	Stunting	Control	
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent	
Rating Date							May-22-20	May-22-20	May-22-20	May-22-20	Jun-3-20	Jun-3-20	
PRM Data Type													
# Subsamples, Dec.													
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Unit	Stg	Code	1	2	3	4	5	6	
10	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	8.8 e	99.0 a	99.0 a	98.0 a	1.3 d	99.0 a	
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	B							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B							
	2,4-DB	1.75	SL	18.0 oz/a	POST	B							
11	OUTLOOK	6	EC	10.5 oz/a	PRE	A	6.3 e	99.0 a	99.0 a	98.0 a	1.3 d	99.0 a	
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A							
	CADRE	2	AS	4.0 oz/a	POST	B							
	OUTLOOK	6	EC	10.5 oz/a	POST	B							
	2,4-DB	1.75	SL	18.0 oz/a	POST	B							
12	NTC						0.0 f	0.0 b	0.0 c	0.0 c	0.0 d	0.0 c	
LSD P=.10							4.66	.	0.93	2.21	4.27	1.08	
Standard Deviation							3.89	0.00	0.78	1.85	3.57	0.90	
CV							31.96	0.0	0.95	2.27	47.61	1.1	
Grand Mean							12.19	82.50	82.33	81.46	7.50	82.25	
Bartlett's X2							6.049	0.00	0.00	3.348	11.479	0.061	
P(Bartlett's X2)							0.642	.	.	0.646	0.244	0.805	

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

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

Missing data estimates are included in columns: Average=26,27,28

Could not calculate LSD (% mean diff) for columns 2,12,14,16,17,20,21,24 because error mean square = 0.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)											
VULCARUS											
Trial ID: PE-14-20		Study Dir.: NEWSOME/FULMER									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code											
Crop Code											
Part Rated											
Rating Data Type											
Rating Unit											
Rating Date											
PRM Data Type											
# Subsamples, Dec.											
Trt Treatment	Form	Form	Rate	Grow	Appl						
No. Name	Conc	Type	Unit	Stg	Code	7	8	9	10	11	12
1 NTC						0.0 c	0.0 c	0.0 d	0.0 c	0.0 b	0.0 b
2 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	99.0 a	8.8 b	99.0 a	99.0 a	99.0 a
VALOR EZ	4 SC		3.0 oz/a	PRE	A						
STRONGARM	84 WG		0.225 oz/a	PRE	A						
CADRE	2 AS		4.0 oz/a	POST	B						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
2,4-DB	1.75 SL		18.0 oz/a	POST	B						
3 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	94.8 b	99.0 a	0.0 d	99.0 a	98.0 a	99.0 a
TRIFLUDIMOXAZIN	4.17 SC		0.685 oz/a	PRE	A						
CADRE	2 AS		4.0 oz/a	POST	B						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
2,4-DB	1.75 SL		18.0 oz/a	POST	B						
4 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	99.0 a	1.3 d	99.0 a	98.0 a	99.0 a
TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE	A						
CADRE	2 AS		4.0 oz/a	POST	B						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
2,4-DB	1.75 SL		18.0 oz/a	POST	B						
5 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	96.8 ab	99.0 a	1.3 d	99.0 a	98.0 a	99.0 a
TRIFLUDIMOXAZIN	4.17 SC		2.06 oz/a	PRE	A						
CADRE	2 AS		4.0 oz/a	POST	B						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
2,4-DB	1.75 SL		18.0 oz/a	POST	B						
6 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	99.0 a	13.8 a	98.0 b	99.0 a	99.0 a
TRIFLUDIMOXAZIN	4.17 SC		4.12 oz/a	PRE	A						
CADRE	2 AS		4.0 oz/a	POST	B						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
2,4-DB	1.75 SL		18.0 oz/a	POST	B						
7 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	99.0 a	5.0 c	98.0 b	99.0 a	99.0 a
TRIFLUDIMOXAZIN	4.17 SC		0.685 oz/a	PRE	A						
STRONGARM	84 WG		0.225 oz/a	PRE	A						
CADRE	2 AS		4.0 oz/a	POST	B						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
2,4-DB	1.75 SL		18.0 oz/a	POST	B						
8 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	99.0 a	6.3 bc	99.0 a	99.0 a	99.0 a
TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE	A						
STRONGARM	84 WG		0.225 oz/a	PRE	A						
CADRE	2 AS		4.0 oz/a	POST	B						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
2,4-DB	1.75 SL		18.0 oz/a	POST	B						
9 PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	99.0 a	8.8 b	99.0 a	99.0 a	99.0 a
TRIFLUDIMOXAZIN	4.17 SC		2.06 oz/a	PRE	A						
STRONGARM	84 WG		0.225 oz/a	PRE	A						
CADRE	2 AS		4.0 oz/a	POST	B						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
2,4-DB	1.75 SL		18.0 oz/a	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.

Missing data estimates are included in columns: Average=26, 27, 28

Could not calculate LSD (% mean diff) for columns 2, 12, 14, 16, 17, 20, 21, 24 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)												
VULCARUS												
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Rapra	Agrass	----	Amapa	Rapra	Dedto
Crop Code									Arahy			
Part Rated									Plant -			
Rating Data Type							Control	Control	Stunting	Control	Control	Control
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
Rating Date							Jun-3-20	Jun-3-20	Jun-18-20	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	Unit	Stg	Code	7	8	9	10	11	12
10	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	96.8 ab	99.0 a	0.0 d	99.0 a	99.0 a	99.0 a
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	1.75	SL	18.0 oz/a	POST	B						
11	OUTLOOK	6	EC	10.5 oz/a	PRE	A	98.0 a	98.0 b	0.0 d	99.0 a	98.0 a	99.0 a
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	OUTLOOK	6	EC	10.5 oz/a	POST	B						
	2,4-DB	1.75	SL	18.0 oz/a	POST	B						
12	NTC						0.0 c	0.0 c	0.0 d	0.0 c	0.0 b	0.0 b
LSD P=.10							2.68	0.69	2.82	0.99	1.36	.
Standard Deviation							2.24	0.58	2.36	0.83	1.14	0.00
CV							2.74	0.7	62.85	1.01	1.38	0.0
Grand Mean							81.69	82.42	3.75	82.33	82.17	82.50
Bartlett's X2							2.003	0.00	4.792	0.00	0.00	0.00
P(Bartlett's X2)							0.572	.	0.571	.	.	.

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

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

Missing data estimates are included in columns: Average=26,27,28

Could not calculate LSD (% mean diff) for columns 2,12,14,16,17,20,21,24 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)														
VULCARUS														
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code							laqta	Agrass	Amapa	Rapra	Agrass	Dedto	Amapa	
Crop Code														
Part Rated														
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Rating Date							Jun-18-20	Jun-18-20	Jul-1-20	Jul-1-20	Jul-1-20	Jul-1-20	Jul-21-20	
PRM Data Type														
# Subsamples, Dec.														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	13	14	15	16	17	18	19
1	NTC							0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 d	0.0 c
2	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	98.0 ab	99.0 a
	VALOR EZ	4	SC	3.0 oz/a	PRE	A								
	STRONGARM	84	WG	0.225 oz/a	PRE	A								
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	95.8 b	99.0 a	99.0 a	95.5 bc	95.8 b
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A								
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
4	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	99.0 a	97.0 ab
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A								
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
5	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	98.0 ab	99.0 a
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A								
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	98.0 ab	99.0 a	99.0 a	99.0 a	98.0 ab
	TRIFLUDIMOXAZIN	4.17	SC	4.12 oz/a	PRE	A								
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		98.0 b	99.0 a	96.8 ab	99.0 a	99.0 a	99.0 a	95.5 b
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A								
	STRONGARM	84	WG	0.225 oz/a	PRE	A								
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		99.0 a	99.0 a	98.0 ab	99.0 a	99.0 a	96.8 abc	97.0 ab
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A								
	STRONGARM	84	WG	0.225 oz/a	PRE	A								
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
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	98.0 ab	99.0 a
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A								
	STRONGARM	84	WG	0.225 oz/a	PRE	A								
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	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.

Missing data estimates are included in columns: Average=26, 27, 28

Could not calculate LSD (% mean diff) for columns 2, 12, 14, 16, 17, 20, 21, 24 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)														
VULCARUS														
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code							laqta	Agrass	Amapa	Rapra	Agrass	Dedto	Amapa	
Crop Code														
Part Rated														
Rating Data Type							Control	Control	Control	Control	Control	Control	Control	
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Rating Date							Jun-18-20	Jun-18-20	Jul-1-20	Jul-1-20	Jul-1-20	Jul-1-20	Jul-21-20	
PRM Data Type														
# Subsamples, Dec.														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	13	14	15	16	17	18	19
10	DUAL MAGNUM	7.62	EC	16.0	oz/a	PRE	A	99.0 a	99.0 a	98.0 ab	99.0 a	99.0 a	98.0 ab	98.0 ab
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A							
	CADRE	2	AS	4.0	oz/a	POST	B							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	94.5 c	99.0 a
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A							
	CADRE	2	AS	4.0	oz/a	POST	B							
	OUTLOOK	6	EC	10.5	oz/a	POST	B							
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
12	NTC							0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 d	0.0 c
LSD P=.10							0.69	.	2.49	.	.	.	3.29	3.16
Standard Deviation							0.58	0.00	2.08	0.00	0.00	0.00	2.75	2.64
CV							0.7	0.0	2.54	0.0	0.0	0.0	3.38	3.24
Grand Mean							82.42	82.50	81.79	82.50	82.50	82.50	81.31	81.44
Bartlett's X2							0.00	0.00	4.284	0.00	0.00	0.00	11.766	8.69
P(Bartlett's X2)							.	.	0.369	.	.	.	0.067	0.122

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

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

Missing data estimates are included in columns: Average=26,27,28

Could not calculate LSD (% mean diff) for columns 2,12,14,16,17,20,21,24 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)										
VULCARUS										
Trial ID: PE-14-20		Study Dir.: NEWSOME/FULMER								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code										
Crop Code										
Part Rated										
Rating Data Type										
Rating Unit										
Rating Date										
PRM Data Type										
# Subsamples, Dec.										
Trt Treatment	Form Form	Rate Grow	Appl							
No. Name	Conc Type	Unit Stg	Code	20	21	22	23	24	25	
1 NTC				0.0 b	0.0 b	0.0 c	0.0 d	0.0 b	0.0 d	
2 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	98.0 ab	
VALOR EZ	4 SC	3.0 oz/a	PRE A							
STRONGARM	84 WG	0.225 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
3 PROWL H20	3.8 SC	32.0 oz/a	PRE A	99.0 a	99.0 a	97.0 b	92.3 c	99.0 a	94.5 bc	
TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
4 PROWL H20	3.8 SC	32.0 oz/a	PRE A	99.0 a	99.0 a	98.0 ab	96.0 ab	99.0 a	99.0 a	
TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
5 PROWL H20	3.8 SC	32.0 oz/a	PRE A	99.0 a	99.0 a	98.0 ab	99.0 a	99.0 a	96.8 abc	
TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
6 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	94.5 bc	
TRIFLUDIMOXAZIN	4.17 SC	4.12 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
7 PROWL H20	3.8 SC	32.0 oz/a	PRE A	99.0 a	99.0 a	99.0 a	95.5 bc	99.0 a	97.0 ab	
TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A							
STRONGARM	84 WG	0.225 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
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	98.0 ab	
TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A							
STRONGARM	84 WG	0.225 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	POST B							
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	99.0 a	
TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A							
STRONGARM	84 WG	0.225 oz/a	PRE A							
CADRE	2 AS	4.0 oz/a	POST B							
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B							
2,4-DB	1.75 SL	18.0 oz/a	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.

Missing data estimates are included in columns: Average=26, 27, 28

Could not calculate LSD (% mean diff) for columns 2, 12, 14, 16, 17, 20, 21, 24 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)													
VULCARUS													
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code							Rapra	Agrass	Dedto	Amapa	Agrass	Dedto	
Crop Code													
Part Rated													
Rating Data Type							Control	Control	Control	Control	Control	Control	
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent	
Rating Date							Jul-21-20	Jul-21-20	Jul-21-20	Aug-18-20	Aug-18-20	Aug-18-20	
PRM Data Type													
# Subsamples, Dec.													
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	20	21	22	23	24	25
10	DUAL MAGNUM	7.62	EC	16.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	98.0 ab	99.0 a	98.0 ab
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	1.75	SL	18.0	oz/a	POST	B						
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	99.0 a	99.0 a	98.0 ab	99.0 a	99.0 a	92.5 c
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	OUTLOOK	6	EC	10.5	oz/a	POST	B						
	2,4-DB	1.75	SL	18.0	oz/a	POST	B						
12	NTC							0.0 b	0.0 b	0.0 c	0.0 d	0.0 b	0.0 d
LSD P=.10							.	.	1.37	3.39	.	.	4.30
Standard Deviation							0.00	0.00	1.14	2.83	0.00	0.00	3.60
CV							0.0	0.0	1.39	3.49	0.0	0.0	4.46
Grand Mean							82.50	82.50	82.08	81.15	82.50	82.50	80.60
Bartlett's X2							0.00	0.00	0.094	8.60	0.00	0.00	10.715
P(Bartlett's X2)							.	.	0.993	0.072	.	.	0.152

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

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

Missing data estimates are included in columns: Average=26,27,28

Could not calculate LSD (% mean diff) for columns 2,12,14,16,17,20,21,24 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)									
VULCARUS									
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER			
Location:		PONDER FARM		Investigator:		Eric P. Prostko			
Weed Code							-----	-----	-----
Crop Code							ARAHY	ARAHY	ARAHY
Part Rated							DIRTY -	CLEAN -	CLEAN -
Rating Data Type							YIELD	YIELD	YIELD
Rating Unit							LBS/PLOT	LBS/PLOT	LBS/A
Rating Date							Oct-5-20	Oct-5-20	Oct-5-20
PRM Data Type							T1	TY2	
# Subsamples, Dec.							- 1	- 1	- 0
Trt	Treatment	Form	Form	Rate	Grow	Appl			
No.	Name	Conc	Type	Rate	Unit	Stg	Code	26	27
								28	
1	NTC							0.0 c	0.0 c
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		20.0 ab	19.6 ab
	VALOR EZ	4	SC	3.0 oz/a	PRE	A			5603 ab
	STRONGARM	84	WG	0.225 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	1.75	SL	18.0 oz/a	POST	B			
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		20.8 ab	20.4 ab
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A			5827 ab
	CADRE	2	AS	4.0 oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	1.75	SL	18.0 oz/a	POST	B			
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		21.4 ab	20.9 ab
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A			5986 ab
	CADRE	2	AS	4.0 oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	1.75	SL	18.0 oz/a	POST	B			
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		21.8 a	21.3 a
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A			6101 a
	CADRE	2	AS	4.0 oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	1.75	SL	18.0 oz/a	POST	B			
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		19.8 b	19.4 b
	TRIFLUDIMOXAZIN	4.17	SC	4.12 oz/a	PRE	A			5533 b
	CADRE	2	AS	4.0 oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	1.75	SL	18.0 oz/a	POST	B			
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		20.6 ab	20.2 ab
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A			5764 ab
	STRONGARM	84	WG	0.225 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	1.75	SL	18.0 oz/a	POST	B			
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		21.1 ab	20.6 ab
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A			5897 ab
	STRONGARM	84	WG	0.225 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	1.75	SL	18.0 oz/a	POST	B			
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		21.8 a	21.4 a
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A			6108 a
	STRONGARM	84	WG	0.225 oz/a	PRE	A			
	CADRE	2	AS	4.0 oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	1.75	SL	18.0 oz/a	POST	B			

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

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

Missing data estimates are included in columns: Average=26,27,28

Could not calculate LSD (% mean diff) for columns 2,12,14,16,17,20,21,24 because error mean square = 0.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)										
VULCARUS										
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER				
Location:		PONDER FARM		Investigator:		Eric P. Prostko				
Weed Code						-----	-----	-----		
Crop Code						ARAHY	ARAHY	ARAHY		
Part Rated						DIRTY -	CLEAN -	CLEAN -		
Rating Data Type						YIELD	YIELD	YIELD		
Rating Unit						LBS/PLOT	LBS/PLOT	LBS/A		
Rating Date						Oct-5-20	Oct-5-20	Oct-5-20		
PRM Data Type						T1	T1	TY2		
# Subsamples, Dec.						- 1	- 1	- 0		
Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	26	27	28
10	DUAL MAGNUM	7.62	EC	16.0	oz/a	PRE	A	20.8 ab	20.3 ab	5813 ab
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A			
	CADRE	2	AS	4.0	oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B			
	2,4-DB	1.75	SL	18.0	oz/a	POST	B			
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	20.8 ab	20.4 ab	5834 ab
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A			
	CADRE	2	AS	4.0	oz/a	POST	B			
	OUTLOOK	6	EC	10.5	oz/a	POST	B			
	2,4-DB	1.75	SL	18.0	oz/a	POST	B			
12	NTC							0.0 c	0.0 c	0 c
LSD P=.10						1.83	1.79	511.5		
Standard Deviation						1.52	1.49	427.1		
CV						8.77	8.77	8.77		
Grand Mean						17.39	17.04	4872.3		
Bartlett's X2						11.457	11.457	11.457		
P(Bartlett's X2)						0.246	0.246	0.246		

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

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

Missing data estimates are included in columns: Average=26,27,28

Could not calculate LSD (% mean diff) for columns 2,12,14,16,17,20,21,24 because error mean square = 0.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)					
VULCARUS					
Trial ID:	PE-14-20	Study Dir.:	NEWSOME/FULMER		
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	3795.312500			
Replicate	3	5.729167	1.909722	0.126	0.9441
Treatment	11	3289.062500	299.005682	19.714	0.0001
Error	33	500.520833	15.167298		
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	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Dedto ----- Control Percent May-22-20 (Data Column 3)					
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 Rapra ----- Control Percent May-22-20 (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	63927.916667			
Replicate	3	12.083333	4.027778	1.177	0.3333
Treatment	11	63802.916667	5800.265152	1695.133	0.0001
Error	33	112.916667	3.421717		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Stunting Percent Jun-3-20 (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	5650.000000			
Replicate	3	116.666667	38.888889	3.050	0.0422
Treatment	11	5112.500000	464.772727	36.446	0.0001
Error	33	420.833333	12.752525		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jun-3-20 (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64989.000000			
Replicate	3	1.000000	0.333333	0.407	0.7487
Treatment	11	64961.000000	5905.545455	7217.890	0.0001
Error	33	27.000000	0.818182		
Randomized Complete Block (RCB) AOV For Rapra Control Percent Jun-3-20 (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64312.312500			
Replicate	3	8.729167	2.909722	0.580	0.6322
Treatment	11	64138.062500	5830.732955	1162.477	0.0001
Error	33	165.520833	5.015783		
Randomized Complete Block (RCB) AOV For Agrass Control Percent Jun-3-20 (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65223.666667			
Replicate	3	1.000000	0.333333	1.000	0.4051
Treatment	11	65211.666667	5928.333333	17785.002	0.0001
Error	33	11.000000	0.333333		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Stunting Percent Jun-18-20 (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1175.000000			
Replicate	3	29.166667	9.722222	1.750	0.1759
Treatment	11	962.500000	87.500000	15.750	0.0001
Error	33	183.333333	5.555556		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jun-18-20 (Data Column 10)					
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		

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)					
VULCARUS					
Trial ID:	PE-14-20	Study Dir.:	NEWSOME/FULMER		
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For Rapra Control Percent Jun-18-20 (Data Column 11)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64870.666667			
Replicate	3	5.333333	1.777778	1.375	0.2675
Treatment	11	64822.666667	5892.969697	4557.844	0.0001
Error	33	42.666667	1.292929		
Randomized Complete Block (RCB) AOV For Dedto 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 laqta Control Percent Jun-18-20 (Data Column 13)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65223.666667			
Replicate	3	1.000000	0.333333	1.000	0.4051
Treatment	11	65211.666667	5928.333333	17785.002	0.0001
Error	33	11.000000	0.333333		
Randomized Complete Block (RCB) AOV For Agrass Control Percent Jun-18-20 (Data Column 14)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	65340.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	65340.000000	5940.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jul-1-20 (Data Column 15)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	64419.916667			
Replicate	3	8.750000	2.916667	0.674	0.5740
Treatment	11	64268.416667	5842.583333	1350.650	0.0001
Error	33	142.750000	4.325758		
Randomized Complete Block (RCB) AOV For Rapra Control Percent Jul-1-20 (Data Column 16)					
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-1-20 (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 Dedto Control Percent Jul-1-20 (Data Column 18)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	63944.312500			
Replicate	3	137.729167	45.909722	6.084	0.0021
Treatment	11	63557.562500	5777.960227	765.690	0.0001
Error	33	249.020833	7.546086		
Randomized Complete Block (RCB) AOV For Amapa Control Percent Jul-21-20 (Data Column 19)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	63991.812500			
Replicate	3	28.229167	9.409722	1.353	0.2742
Treatment	11	63734.062500	5794.005682	833.049	0.0001
Error	33	229.520833	6.955177		
Randomized Complete Block (RCB) AOV For Rapra Control Percent Jul-21-20 (Data Column 20)					
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		

WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)						
VULCARUS						
Trial ID:	PE-14-20	Study Dir.:	NEWSOME/FULMER			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Randomized Complete Block (RCB) AOV For Agrass Control Percent Jul-21-20 (Data Column 21)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	65340.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	11	65340.000000	5940.000000	0.000	1.0000	
Error	33	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Dedto Control Percent Jul-21-20 (Data Column 22)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	64751.666667				
Replicate	3	9.000000	3.000000	2.302	0.0952	
Treatment	11	64699.666667	5881.787879	4513.931	0.0001	
Error	33	43.000000	1.303030			
Randomized Complete Block (RCB) AOV For Amapa Control Percent Aug-18-20 (Data Column 23)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	63691.979167				
Replicate	3	32.729167	10.909722	1.358	0.2725	
Treatment	11	63394.229167	5763.111742	717.614	0.0001	
Error	33	265.020833	8.030934			
Randomized Complete Block (RCB) AOV For Agrass Control Percent Aug-18-20 (Data Column 24)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	65340.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	11	65340.000000	5940.000000	0.000	1.0000	
Error	33	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Dedto Control Percent Aug-18-20 (Data Column 25)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	62993.479167				
Replicate	3	23.229167	7.743056	0.599	0.6202	
Treatment	11	62543.729167	5685.793561	439.911	0.0001	
Error	33	426.520833	12.924874			
Randomized Complete Block (RCB) AOV For ----- ARAHY DIRTY YIELD LBS/PLOT Oct-5-20 1 (Data Column 26)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	46	2997.510532				
Replicate	3	3.341736	1.113912	0.479	0.6989	
Treatment	11	2919.811366	265.437397	114.232	0.0001	
Error	32	74.357431	2.323670			
Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/PLOT Oct-5-20 T1 1 (Data Column 27)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	46	2878.809115				
Replicate	3	3.209403	1.069801	0.479	0.6989	
Treatment	11	2804.186836	254.926076	114.232	0.0001	
Error	32	71.412876	2.231652			
Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/A Oct-5-20 TY2 0 (Data Column 28)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	46	235281954.582540				
Replicate	3	262301.064641	87433.688214	0.479	0.6989	
Treatment	11	229183156.394803	20834832.399528	114.232	0.0001	
Error	32	5836497.123096	182390.535097			
Weed Code						
Amapa = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.						
Dedto = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.						
Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.						
laqta = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.						
Part Rated						
Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)						
PRM Data Type						
T1 = [26]*0.98						
TY2 = 285.8827*[27]						

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)											
VULCARUS											
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER					
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Weed Code							-----	Amapa	Dedto	Rapra	----
Crop Code							Arahy	-----	-----	-----	----
Part Rated											Arahy
Rating Data Type							Stunting	Control	Control	Control	Stunting
Rating Unit							Percent	Percent	Percent	Percent	Percent
Rating Date							May-22-20	May-22-20	May-22-20	May-22-20	Jun-3-20
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		
1	NTC						101		0.0	0.0	
							207		0.0	0.0	
							304		0.0	0.0	
							411		0.0	0.0	
							Mean =		0.0	0.0	
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	102	30.0	99.0	
	VALOR EZ	4	SC	3.0	oz/a	PRE	A	204	30.0	99.0	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	302	30.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	B	406	25.0	99.0	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B				
	2,4-DB	1.75	SL	18.0	oz/a	POST	B				
							Mean =		28.8	99.0	
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	10.0	99.0	
	TRIFLUDIMOXAZIN	4.17	SC	0.685	oz/a	PRE	A	210	10.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	B	305	5.0	99.0	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	409	5.0	99.0	
	2,4-DB	1.75	SL	18.0	oz/a	POST	B				
							Mean =		7.5	99.0	
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	10.0	99.0	
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	203	10.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	B	310	10.0	99.0	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	404	10.0	99.0	
	2,4-DB	1.75	SL	18.0	oz/a	POST	B				
							Mean =		10.0	99.0	
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	20.0	99.0	
	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	209	20.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	B	312	10.0	99.0	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	408	10.0	99.0	
	2,4-DB	1.75	SL	18.0	oz/a	POST	B				
							Mean =		15.0	99.0	
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	20.0	99.0	
	TRIFLUDIMOXAZIN	4.17	SC	4.12	oz/a	PRE	A	212	15.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	B	306	20.0	99.0	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	402	30.0	99.0	
	2,4-DB	1.75	SL	18.0	oz/a	POST	B				
							Mean =		21.3	99.0	
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	15.0	99.0	
	TRIFLUDIMOXAZIN	4.17	SC	0.685	oz/a	PRE	A	211	10.0	99.0	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	307	20.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	B	412	10.0	99.0	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B				
	2,4-DB	1.75	SL	18.0	oz/a	POST	B				
							Mean =		13.8	99.0	
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	15.0	99.0	
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	201	15.0	99.0	
	STRONGARM	84	WG	0.225	oz/a	PRE	A	309	10.0	99.0	
	CADRE	2	AS	4.0	oz/a	POST	B	410	15.0	99.0	
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B				
	2,4-DB	1.75	SL	18.0	oz/a	POST	B				
							Mean =		13.8	99.0	

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)											
VULCARUS											
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER					
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Weed Code							-----	Amapa	Dedto	Rapra	----
Crop Code							Arahy	-----	-----	-----	----
Part Rated											Arahy
Rating Data Type							Stunting	Control	Control	Control	Plant -
Rating Unit							Percent	Percent	Percent	Percent	Stunting
Rating Date							May-22-20	May-22-20	May-22-20	May-22-20	Percent
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	
9	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	109	15.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	202	25.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	308	20.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	407	25.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B				
	2,4-DB	1.75	SL	18.0	oz/a	POST	B				
								Mean =	21.3	99.0	99.0
										98.0	11.3
10	DUAL MAGNUM	7.62	EC	16.0	oz/a	PRE	A	110	10.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	206	10.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	301	5.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	403	10.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B				
								Mean =	8.8	99.0	99.0
										98.0	1.3
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	111	0.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	208	5.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	311	10.0	99.0	99.0
	OUTLOOK	6	EC	10.5	oz/a	POST	B	405	10.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B				
								Mean =	6.3	99.0	99.0
										98.0	1.3
12	NTC							112	0.0	0.0	0.0
								205	0.0	0.0	0.0
								303	0.0	0.0	0.0
								401	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0
										0.0	0.0

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)													
VULCARUS													
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.								Amapa	Rapra	Agrass	----	Amapa	Rapra
								Control Percent Jun-3-20	Control Percent Jun-3-20	Control Percent Jun-3-20	Arahy Plant - Stunting Percent Jun-18-20	Control Percent Jun-18-20	Control Percent Jun-18-20
Trt Treatment	Form Form	Rate Grow	Appl	6	7	8	9	10	11				
No. Name	Conc Type	Rate Unit Stg	Code Plot										
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			
				304	0.0	0.0	0.0	0.0	0.0	0.0			
				411	0.0	0.0	0.0	0.0	0.0	0.0			
Mean =					0.0	0.0	0.0	0.0	0.0	0.0			
2 PROWL H20		3.8 SC	32.0 oz/a	PRE A	102	99.0	99.0	99.0	10.0	99.0	99.0		
VALOR EZ		4 SC	3.0 oz/a	PRE A	204	99.0	99.0	99.0	5.0	99.0	99.0		
STRONGARM		84 WG	0.225 oz/a	PRE A	302	99.0	99.0	99.0	10.0	99.0	99.0		
CADRE		2 AS	4.0 oz/a	POST B	406	99.0	99.0	99.0	10.0	99.0	99.0		
DUAL MAGNUM		7.62 EC	16.0 oz/a	POST B									
2,4-DB		1.75 SL	18.0 oz/a	POST B									
Mean =					99.0	99.0	99.0	8.8	99.0	99.0			
3 PROWL H20		3.8 SC	32.0 oz/a	PRE A	103	99.0	90.0	99.0	0.0	99.0	99.0		
TRIFLUDIMOXAZIN		4.17 SC	0.685 oz/a	PRE A	210	95.0	95.0	99.0	0.0	99.0	95.0		
CADRE		2 AS	4.0 oz/a	POST B	305	95.0	99.0	99.0	0.0	99.0	99.0		
DUAL MAGNUM		7.62 EC	16.0 oz/a	POST B	409	99.0	95.0	99.0	0.0	99.0	99.0		
2,4-DB		1.75 SL	18.0 oz/a	POST B									
Mean =					97.0	94.8	99.0	0.0	99.0	98.0			
4 PROWL H20		3.8 SC	32.0 oz/a	PRE A	104	99.0	99.0	99.0	0.0	99.0	99.0		
TRIFLUDIMOXAZIN		4.17 SC	1.03 oz/a	PRE A	203	99.0	99.0	99.0	0.0	99.0	99.0		
CADRE		2 AS	4.0 oz/a	POST B	310	99.0	99.0	99.0	0.0	99.0	95.0		
DUAL MAGNUM		7.62 EC	16.0 oz/a	POST B	404	99.0	99.0	99.0	5.0	99.0	99.0		
2,4-DB		1.75 SL	18.0 oz/a	POST B									
Mean =					99.0	99.0	99.0	1.3	99.0	98.0			
5 PROWL H20		3.8 SC	32.0 oz/a	PRE A	105	99.0	99.0	99.0	0.0	99.0	99.0		
TRIFLUDIMOXAZIN		4.17 SC	2.06 oz/a	PRE A	209	99.0	99.0	99.0	0.0	99.0	99.0		
CADRE		2 AS	4.0 oz/a	POST B	312	99.0	90.0	99.0	0.0	99.0	95.0		
DUAL MAGNUM		7.62 EC	16.0 oz/a	POST B	408	99.0	99.0	99.0	5.0	99.0	99.0		
2,4-DB		1.75 SL	18.0 oz/a	POST B									
Mean =					99.0	96.8	99.0	1.3	99.0	98.0			
6 PROWL H20		3.8 SC	32.0 oz/a	PRE A	106	99.0	99.0	99.0	15.0	99.0	99.0		
TRIFLUDIMOXAZIN		4.17 SC	4.12 oz/a	PRE A	212	99.0	99.0	99.0	10.0	99.0	99.0		
CADRE		2 AS	4.0 oz/a	POST B	306	99.0	99.0	99.0	15.0	95.0	99.0		
DUAL MAGNUM		7.62 EC	16.0 oz/a	POST B	402	99.0	99.0	99.0	15.0	99.0	99.0		
2,4-DB		1.75 SL	18.0 oz/a	POST B									
Mean =					99.0	99.0	99.0	13.8	98.0	99.0			
7 PROWL H20		3.8 SC	32.0 oz/a	PRE A	107	99.0	99.0	99.0	10.0	99.0	99.0		
TRIFLUDIMOXAZIN		4.17 SC	0.685 oz/a	PRE A	211	99.0	99.0	99.0	0.0	99.0	99.0		
STRONGARM		84 WG	0.225 oz/a	PRE A	307	99.0	99.0	99.0	10.0	99.0	99.0		
CADRE		2 AS	4.0 oz/a	POST B	412	95.0	99.0	99.0	0.0	95.0	99.0		
DUAL MAGNUM		7.62 EC	16.0 oz/a	POST B									
2,4-DB		1.75 SL	18.0 oz/a	POST B									
Mean =					98.0	99.0	99.0	5.0	98.0	99.0			
8 PROWL H20		3.8 SC	32.0 oz/a	PRE A	108	99.0	99.0	99.0	5.0	99.0	99.0		
TRIFLUDIMOXAZIN		4.17 SC	1.03 oz/a	PRE A	201	99.0	99.0	99.0	5.0	99.0	99.0		
STRONGARM		84 WG	0.225 oz/a	PRE A	309	99.0	99.0	99.0	10.0	99.0	99.0		
CADRE		2 AS	4.0 oz/a	POST B	410	99.0	99.0	99.0	5.0	99.0	99.0		
DUAL MAGNUM		7.62 EC	16.0 oz/a	POST B									
2,4-DB		1.75 SL	18.0 oz/a	POST B									
Mean =					99.0	99.0	99.0	6.3	99.0	99.0			

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)														
VULCARUS														
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code							Amapa	Rapra	Agrass	----	Amapa	Rapra		
Crop Code										Arahy				
Part Rated										Plant -				
Rating Data Type							Control	Control	Control	Stunting	Control	Control		
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent		
Rating Date							Jun-3-20	Jun-3-20	Jun-3-20	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	6	7	8	9	10	11
9	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	109	99.0	99.0	99.0	5.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	202	99.0	99.0	99.0	10.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	308	99.0	99.0	99.0	10.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	407	99.0	99.0	99.0	10.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
	Mean =								99.0	99.0	99.0	8.8	99.0	99.0
10	DUAL MAGNUM	7.62	EC	16.0	oz/a	PRE	A	110	99.0	99.0	99.0	0.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	206	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	301	99.0	90.0	99.0	0.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	403	99.0	99.0	99.0	0.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
	Mean =								99.0	96.8	99.0	0.0	99.0	99.0
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	111	99.0	99.0	95.0	0.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	208	99.0	95.0	99.0	0.0	99.0	95.0
	CADRE	2	AS	4.0	oz/a	POST	B	311	99.0	99.0	99.0	0.0	99.0	99.0
	OUTLOOK	6	EC	10.5	oz/a	POST	B	405	99.0	99.0	99.0	0.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
	Mean =								99.0	98.0	98.0	0.0	99.0	98.0
12	NTC							112	0.0	0.0	0.0	0.0	0.0	0.0
								205	0.0	0.0	0.0	0.0	0.0	0.0
								303	0.0	0.0	0.0	0.0	0.0	0.0
								401	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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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)														
VULCARUS														
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code								Dedto	laqta	Agrass	Amapa	Rapra	Agrass	
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-18-20	Jul-1-20	Jul-1-20	Jul-1-20	
PRM Data Type														
# Subsamples, Dec.														
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	12	13	14	15	16	17
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
								304	0.0	0.0	0.0	0.0	0.0	0.0
								411	0.0	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		102	99.0	99.0	99.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	PRE	A		204	99.0	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A		302	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		406	99.0	99.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
								Mean =	99.0	99.0	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	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		210	99.0	99.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		305	99.0	99.0	99.0	90.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B		409	99.0	99.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
								Mean =	99.0	99.0	99.0	95.8	99.0	99.0
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		104	99.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		203	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		310	99.0	99.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B		404	99.0	99.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
								Mean =	99.0	99.0	99.0	99.0	99.0	99.0
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		105	99.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A		209	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		312	99.0	99.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B		408	99.0	99.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
								Mean =	99.0	99.0	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	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	4.12 oz/a	PRE	A		212	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		306	99.0	99.0	99.0	95.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B		402	99.0	99.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
								Mean =	99.0	99.0	99.0	98.0	99.0	99.0
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
	TRIFLUDIMOXAZIN	4.17	SC	0.685 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		307	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		412	99.0	95.0	99.0	90.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
								Mean =	99.0	98.0	99.0	96.8	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
	TRIFLUDIMOXAZIN	4.17	SC	1.03 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		309	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		410	99.0	99.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	1.75	SL	18.0 oz/a	POST	B								
								Mean =	99.0	99.0	99.0	98.0	99.0	99.0

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)												
VULCARUS												
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Dedto	laqta	Agrass	Amapa	Rapra	Agrass
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-18-20	Jul-1-20	Jul-1-20	Jul-1-20
PRM Data Type												
# Subsamples, Dec.												
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	12	13	14	15
												16
												17
9	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	109	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	202	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	308	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	407	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B					
	2,4-DB	1.75	SL	18.0	oz/a	POST	B					
	Mean =							99.0	99.0	99.0	99.0	99.0
10	DUAL MAGNUM	7.62	EC	16.0	oz/a	PRE	A	110	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	206	99.0	99.0	99.0	95.0
	CADRE	2	AS	4.0	oz/a	POST	B	301	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	403	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B					
	Mean =							99.0	99.0	99.0	98.0	99.0
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	111	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	208	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	311	99.0	99.0	99.0	99.0
	OUTLOOK	6	EC	10.5	oz/a	POST	B	405	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B					
	Mean =							99.0	99.0	99.0	99.0	99.0
12	NTC							112	0.0	0.0	0.0	0.0
								205	0.0	0.0	0.0	0.0
								303	0.0	0.0	0.0	0.0
								401	0.0	0.0	0.0	0.0
	Mean =							0.0	0.0	0.0	0.0	0.0

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)														
VULCARUS														
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code								Dedto	Amapa	Rapra	Agrass	Dedto	Amapa	
Crop Code														
Part Rated														
Rating Data Type								Control	Control	Control	Control	Control	Control	
Rating Unit								Percent	Percent	Percent	Percent	Percent	Percent	
Rating Date								Jul-1-20	Jul-21-20	Jul-21-20	Jul-21-20	Jul-21-20	Aug-18-20	
PRM Data Type														
# Subsamples, Dec.														
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	18	19	20	21	22	23
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
								304	0.0	0.0	0.0	0.0	0.0	0.0
								411	0.0	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	102	99.0	99.0	99.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0	oz/a	PRE	A	204	99.0	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	302	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	406	95.0	99.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
								Mean =	98.0	99.0	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	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	0.685	oz/a	PRE	A	210	99.0	95.0	99.0	99.0	99.0	90.0
	CADRE	2	AS	4.0	oz/a	POST	B	305	99.0	90.0	99.0	99.0	95.0	85.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	409	85.0	99.0	99.0	99.0	95.0	95.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
								Mean =	95.5	95.8	99.0	99.0	97.0	92.3
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	99.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	203	99.0	99.0	99.0	99.0	99.0	95.0
	CADRE	2	AS	4.0	oz/a	POST	B	310	99.0	95.0	99.0	99.0	95.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	404	99.0	95.0	99.0	99.0	99.0	95.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
								Mean =	99.0	97.0	99.0	99.0	98.0	96.0
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
	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	209	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	312	99.0	99.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	408	95.0	99.0	99.0	99.0	95.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
								Mean =	98.0	99.0	99.0	99.0	98.0	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
	TRIFLUDIMOXAZIN	4.17	SC	4.12	oz/a	PRE	A	212	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	306	99.0	95.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	402	99.0	99.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
								Mean =	99.0	98.0	99.0	99.0	99.0	99.0
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
	TRIFLUDIMOXAZIN	4.17	SC	0.685	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	307	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	412	99.0	85.0	99.0	99.0	99.0	85.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
								Mean =	99.0	95.5	99.0	99.0	99.0	95.5
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
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	201	99.0	95.0	99.0	99.0	99.0	95.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	309	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	410	90.0	95.0	99.0	99.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
								Mean =	96.8	97.0	99.0	99.0	99.0	97.0

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)														
VULCARUS														
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code							Dedto	Amapa	Rapra	Agrass	Dedto	Amapa		
Crop Code														
Part Rated														
Rating Data Type							Control	Control	Control	Control	Control	Control		
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent		
Rating Date							Jul-1-20	Jul-21-20	Jul-21-20	Jul-21-20	Jul-21-20	Aug-18-20		
PRM Data Type														
# Subsamples, Dec.														
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	18	19	20	21	22	23
9	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	109	99.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	202	99.0	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	308	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	407	95.0	99.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
								Mean =	98.0	99.0	99.0	99.0	99.0	99.0
10	DUAL MAGNUM	7.62	EC	16.0	oz/a	PRE	A	110	95.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	206	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	301	99.0	95.0	99.0	99.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	403	99.0	99.0	99.0	99.0	99.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
								Mean =	98.0	98.0	99.0	99.0	99.0	98.0
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	111	95.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	208	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	311	99.0	99.0	99.0	99.0	99.0	99.0
	OUTLOOK	6	EC	10.5	oz/a	POST	B	405	85.0	99.0	99.0	99.0	95.0	99.0
	2,4-DB	1.75	SL	18.0	oz/a	POST	B							
								Mean =	94.5	99.0	99.0	99.0	98.0	99.0
12	NTC							112	0.0	0.0	0.0	0.0	0.0	0.0
								205	0.0	0.0	0.0	0.0	0.0	0.0
								303	0.0	0.0	0.0	0.0	0.0	0.0
								401	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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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)										
VULCARUS										
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER				
Location:		PONDER FARM		Investigator:		Eric P. Prostko				
Weed Code							Agrass	Dedto	-----	
Crop Code									ARAHY	ARAHY
Part Rated									DIRTY -	CLEAN -
Rating Data Type							Control	Control	YIELD	YIELD
Rating Unit							Percent	Percent	LBS/PLOT	LBS/PLOT
Rating Date							Aug-18-20	Aug-18-20	Oct-5-20	Oct-5-20
PRM Data Type									T1	TY2
# Subsamples, Dec.									- 1	- 1
									- 1	- 0
Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	24	25
									26	27
									28	
1	NTC						101		0.0	0.0
							207		0.0	0.0
							304		0.0	0.0
							411		0.0	0.0
							Mean =		0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	102		99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	PRE	A	204		99.0	95.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	302		99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B	406		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B				
	2,4-DB	1.75	SL	18.0 oz/a	POST	B				
							Mean =		99.0	98.0
									20.0	19.6
										5603
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	103		99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A	210		99.0	95.0
	CADRE	2	AS	4.0 oz/a	POST	B	305		99.0	85.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	409		99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	B				
							Mean =		99.0	94.5
									20.8	20.4
										5827
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	104		99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	203		99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B	310		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	404		99.0	99.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	B				
							Mean =		99.0	99.0
									21.4	20.9
										5986
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	105		99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A	209		99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B	312		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	408		99.0	90.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	B				
							Mean =		99.0	96.8
									21.8	21.3
										6101
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	106		99.0	95.0
	TRIFLUDIMOXAZIN	4.17	SC	4.12 oz/a	PRE	A	212		99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B	306		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	402		99.0	85.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	B				
							Mean =		99.0	94.5
									19.8	19.4
										5533
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	107		99.0	95.0
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A	211		99.0	95.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	307		99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B	412		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B				
	2,4-DB	1.75	SL	18.0 oz/a	POST	B				
							Mean =		99.0	97.0
									20.6	20.2
										5764
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	108		99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	201		99.0	95.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	309		99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B	410		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B				
	2,4-DB	1.75	SL	18.0 oz/a	POST	B				
							Mean =		99.0	98.0
									21.1	20.6
										5897

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)													
VULCARUS													
Trial ID:		PE-14-20		Study Dir.:		NEWSOME/FULMER							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Weed Code							Agrass	Dedto					
Crop Code									ARAHY	ARAHY	ARAHY		
Part Rated									DIRTY -	CLEAN -	CLEAN -		
Rating Data Type							Control	Control	YIELD	YIELD	YIELD		
Rating Unit							Percent	Percent	LBS/PLOT	LBS/PLOT	LBS/A		
Rating Date							Aug-18-20	Aug-18-20	Oct-5-20	Oct-5-20	Oct-5-20		
PRM Data Type									T1	TY2			
# Subsamples, Dec.									- 1	- 1	- 0		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	24	25	26	27	28
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	99.0	99.0	21.7	21.3	6080
	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	202	99.0	99.0	21.8	21.4	6108
	STRONGARM	84	WG	0.225	oz/a	PRE	A	308	99.0	99.0	21.3	20.9	5968
	CADRE	2	AS	4.0	oz/a	POST	B	407	99.0	99.0	22.4	22.0	6276
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	1.75	SL	18.0	oz/a	POST	B						
								Mean =	99.0	99.0	21.8	21.4	6108
10	DUAL MAGNUM	7.62	EC	16.0	oz/a	PRE	A	110	99.0	95.0	22.1	21.7	6192
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	206	99.0	99.0	17.5	17.2	4903
	CADRE	2	AS	4.0	oz/a	POST	B	301	99.0	99.0	22.4	22.0	6276
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	403	99.0	99.0	21.0	20.6	5883
	2,4-DB	1.75	SL	18.0	oz/a	POST	B						
								Mean =	99.0	98.0	20.8	20.3	5813
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	111	99.0	95.0	19.1	18.7	5351
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	208	99.0	95.0	21.1	20.7	5911
	CADRE	2	AS	4.0	oz/a	POST	B	311	99.0	95.0	21.2	20.8	5939
	OUTLOOK	6	EC	10.5	oz/a	POST	B	405	99.0	85.0	21.9	21.5	6136
	2,4-DB	1.75	SL	18.0	oz/a	POST	B						
								Mean =	99.0	92.5	20.8	20.4	5834
12	NTC							112	0.0	0.0	0.0	0.0	0
								205	0.0	0.0	0.0	0.0	0
								303	0.0	0.0	0.0	0.0	0
								401	0.0	0.0	0.0	0.0	0
								Mean =	0.0	0.0	0.0	0.0	0

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)			
VULCARUS			
Trial ID:	PE-14-20	Study Dir.:	NEWSOME/FULMER
Location:	PONDER FARM	Investigator:	Eric P. Prostko
<u>Weed Code</u>			
Amapa = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.			
Dedto = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.			
Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.			
Iaqta = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.			
<u>Part Rated</u>			
Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)			
<u>PRM Data Type</u>			
T1 = [26]*0.98			
TY2 = 285.8827*[27]			