

University of Georgia

WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)			
VULCARUS - YEAR 2			
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Reps: 3 Plots: 6 by 25 feet
 Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3
1	NTC									-	101	207	304
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1472.5 mL	1471.9 mL	102	204	302
	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					
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1474.5 mL	1471.9 mL	103	210	305
	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					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
	2,4-DB	2	SL	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1474.2 mL	1471.9 mL	104	203	310
	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					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
	2,4-DB	2	SL	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1473.4 mL	1471.9 mL	105	209	312
	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					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
	2,4-DB	2	SL	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1471.8 mL	1471.9 mL	106	212	306
	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					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
	2,4-DB	2	SL	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1474.3 mL	1471.9 mL	107	211	307
	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					
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1474.0 mL	1471.9 mL	108	201	309
	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					
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1473.2 mL	1471.9 mL	109	202	308
	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					
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
10	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	15 GPA	12.5 mL/mx	1486.7 mL	1471.9 mL	110	206	301
	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					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
	2,4-DB	2	SL	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
11	OUTLOOK	6	EC	10.5 oz/a	PRE	A	15 GPA	8.202 mL/mx	1491.0 mL	1476.2 mL	111	208	311
	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					
	OUTLOOK	6	EC	10.5 oz/a	POST	B	15 GAL/AC	8.202 mL/mx					
	2,4-DB	2	SL	16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx					
12	NTC								-	112	205	303	

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)			
VULCARUS - YEAR 2			
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Reps: 3 Plots: 6 by 25 feet
 Mix Size: 1.5 L

Sort Order: Treatment

Trial Comments

2,4-DB = BUTYRAC 200 (ALBAUGH)

DIGGING DATE: 09/24/21
 HARVEST DATE: 09/29/21
 HARVEST MOISTURE: 9.7%
 YIELDS ADJUSTED TO 10%.
 2% YIELD DEDUCTION FOR FM

SUMMARY:

- 1) TRIFLUDIMOXAZIN @ 2.06 AND 4.12 OZ/A CAUSED TRANSIENT PEANUT INJURY (STUNTING, LEAF NECROSIS).
- 2) TRIFLUDIMOXAZIN @ 0.685 OZ/A PROVIDED LESS CONTROL OF WILD RADISH THAN HIGHER RATES. WILD RADISH CONTROL WITH TRIFLUDIMOXAZIN WAS IMPROVED WHEN TANK-MIXED WITH STRONGARM.
- 3) GENERALLY AFTER ALL PRE + POST TREATMENTS WERE APPLIED, NO DIFFERENCES IN WEED CONTROL BETWEEN CURRENT STANDARD AND SUBSTITUTING TRIFLUDIMOXAZIN FOR VALOR IN THAT THAT STANDARD.
- 4) ALL HERBICIDE TREATMENTS RESULTED IN HIGHER YIELDS THAN THE NTC. NO DIFFERENCES IN YIELD BETWEEN HERBICIDE TREATMENTS EXCEPT FOR THE FOLLOWING:

 *PROWL + VALOR + STRONGARM (PRE) FB CADRE + DUAL MAGNUM + 2,4-DB (POST) HAD LOWER YIELDS THAN PROWL + TRIFLUDIMOXAZIN @ 0.685 OZ/A + STRONGARM (PRE) FB CADRE + DUAL MAGNUM + 2,4-DB (POST) OR OUTLOOK + TRIFLUDIMOXAZIN @ 1.03 OZ/A (PRE) FB CADRE + OUTLOOK + 2,4-DB (POST)

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**WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)
VULCARUS - YEAR 2**

Trial ID: PE-09-21 Study Dir.: NEWSOME/FULMER/ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: NEWSOME/FULMER/ABBOTT **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 NUTSEDEGE **6.** CASOB SICKLEPOD
Weed 7. IAQTA SMALLFLOWER MG **8.** _____

Crop 1: ARAHY PEANUT **Variety:** GA-16HO **Planting Date:** May-10-21
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:** 3

Site Type: _____ **Study Design:** RACOBL

Tillage Type: CONVENTIONAL

Trial Initiation Comments: 300 LBS/A 5-15-30 PREPLANT; RANCONA VPD SEED TRT; THIMET INFR @ 5.25 LBS/A; 36"-9" TWIN ROWS; 1000 LBS/A GYPSUM

Previous: Crops	Pesticides	Year
1. FALLOW		2020

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.64 **% Sand:** 94 **% Silt:** 4 **% Clay:** 2
pH: 6.0 **CEC:** 2.8 **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-11-21	0.5	IN	SPRINKLER - LATERAL MOVE		
2.	May-11-21	0.15	IN	RAINFALL		
3.	May-12-21	0.6	IN	RAINFALL		
4.	May-19-21	0.5	IN	SPRINKLER - LATERAL MOVE		
5.	May-24-21	0.5	IN	SPRINKLER - LATERAL MOVE		
6.	Jun-1-21	0.5	IN	SPRINKLER - LATERAL MOVE		
7.	Jun-4-21	0.6	IN	RAINFALL		
8.	Jun-6-21	0.4	IN	RAINFALL		
9.	Jun-7-21	1.25	IN	RAINFALL		
10.	Jun-8-21	0.15	IN	RAINFALL		
11.	Jun-11-21	0.3	IN	RAINFALL		
12.	Jun-15-21	1.0	IN	RAINFALL		
13.	Jun-18-21	0.5	IN	SPRINKLER - LATERAL MOVE		
14.	Jun-20-21	1.0	IN	RAINFALL		
15.	Jun-21-21	2.4	IN	RAINFALL		

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

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VULCARUS - YEAR 2			
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT
Location:	PONDER FARM	Investigator:	Eric P. Prostko

		APPLICATION DESCRIPTION					
		A	B	C	D	E	F
Application Date:	May-11-21		Jun-4-21				
Time of Day:	7:45 AM		7:00 AM				
Application Method:	BROADCAST		BROADCAST				
Application Timing:	PRE		POST				
Applic. Placement:	SOIL		FOLIAGE				
Air Temp., Unit:	65 F		71 F				
% Relative Humidity:	94		92				
Wind Velocity, Unit:	1 MPH		1 MPH				
Dew Presence (Y/N):	N		Y				
Water Hardness:	---		---				
Soil Temp., Unit:	70 F		72 F				
Soil Moisture:	OPTIMUM		OPTIMUM				
% Cloud Cover:	75		10				

		CROP STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Crop 1 Stage:	ARAHY						
Stage Scale:			V6;5" W				
Height, Unit:			3 IN				

		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1 Stage:	AMAPA		3-12"				
Stage Scale:							
Density, Unit:							
Weed 2 Stage:	AGRASS		1-4"				
Stage Scale:							
Density, Unit:							
Weed 3 Stage:	RAPRA		1-5"				
Stage Scale:							
Density, Unit:							
Weed 4 Stage:	IPOLA		1"				
Stage Scale:							
Density, Unit:							
Weed 5 Stage:	CYPES		6-8"				
Stage Scale:							
Density, Unit:							
Weed 6 Stage:	CASOB		1"				
Stage Scale:							
Density, Unit:							
Weed 7 Stage:	IAQTA		1-2"				
Stage Scale:							
Density, Unit:							
Weed 8 Stage:							
Stage Scale:							
Density, Unit:							

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VULCARUS - YEAR 2			
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT
Location:	PONDER FARM	Investigator:	Eric P. Prostko

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME AS A					
Operating Pressure:	36	_____	_____	_____	_____	_____	_____
Nozzle Type:	AIXR	_____	_____	_____	_____	_____	_____
Nozzle Size:	11002	_____	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	20	IN	_____	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60	IN	_____	_____	_____	_____	_____
Boom Height, Unit:	20	IN	_____	_____	_____	_____	_____
Ground Speed, Unit:	3.5	MPH	_____	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	_____	_____	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA	_____	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	_____	_____	_____	_____	_____	_____
Tank Mix (Y/N):	_____	_____	_____	_____	_____	_____	_____

Trt No	Treatment Application Comment
_____	_____

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H) VULCARUS - YEAR 2												
Trial ID: PE-09-21		Study Dir.: NEWSOME/FULMER/ABBOTT										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code					----- Arahy	----- Arahy	Amapa -----	Rapra -----	Agrass -----	Molve -----		
Crop Code					Stunting %	Necrosis %	Control %	Control %	Control %	Control %		
Part Rated					May-24-21	May-24-21	May-24-21	May-24-21	May-24-21	May-24-21		
Rating Data Type												
Rating Unit												
Rating Date												
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	1	2	3	4	5	6
1	NTC						0.0 d	0.0 c	0.0 b	0.0 f	0.0 c	0.0 b
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	5.0 b	0.0 c	99.0 a	99.0 a	97.7 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	2	SL	16.0 oz/a	POST	B						
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 d	0.0 c	99.0 a	75.0 e	94.3 b	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	2	SL	16.0 oz/a	POST	B						
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 d	0.0 c	99.0 a	86.7 cd	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	2	SL	16.0 oz/a	POST	B						
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 d	3.3 b	99.0 a	91.7 bc	94.7 b	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	2	SL	16.0 oz/a	POST	B						
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	8.3 a	10.0 a	99.0 a	97.7 ab	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	2	SL	16.0 oz/a	POST	B						
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	1.7 cd	1.7 bc	99.0 a	99.0 a	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	2	SL	16.0 oz/a	POST	B						
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 d	0.0 c	99.0 a	97.7 ab	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	2	SL	16.0 oz/a	POST	B						
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	3.3 bc	3.3 b	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	2	SL	16.0 oz/a	POST	B						
10	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	0.0 d	0.0 c	99.0 a	93.0 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	2	SL	16.0 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.
 Could not calculate LSD (% mean diff) for columns 3,6,11,12,16,18 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H) VULCARUS - YEAR 2							
Trial ID: PE-09-21		Study Dir.: NEWSOME/FULMER/ABBOTT					
Location: PONDER FARM		Investigator: Eric P. Prostko					
Weed Code		----- Arahy	----- Arahy	Amapa -----	Rapra -----	Agrass -----	Molve -----
Crop Code							
Part Rated							
Rating Data Type		Stunting %	Necrosis %	Control %	Control %	Control %	Control %
Rating Unit							
Rating Date		May-24-21	May-24-21	May-24-21	May-24-21	May-24-21	May-24-21
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	
11	OUTLOOK	6 EC		10.5 oz/a	PRE	A	0.0 d
	TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE	A	0.0 c
	CADRE	2 AS		4.0 oz/a	POST	B	99.0 a
	OUTLOOK	6 EC		10.5 oz/a	POST	B	83.3 d
	2,4-DB	2 SL		16.0 oz/a	POST	B	97.7 ab
12	NTC						0.0 b
	LSD P=.10						2.08
	Standard Deviation						1.49
	CV						97.3
	Grand Mean						132.59
	Bartlett's X2^						0.0
	P(Bartlett's X2)						5.85
							3.47
							82.50
							76.83
							81.53
							22.36
							28.696
							0.022*
							0.003*

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 3,6,11,12,16,18 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H) VULCARUS - YEAR 2													
Trial ID:		PE-09-21			Study Dir.:		NEWSOME/FULMER/ABBOTT						
Location:		PONDER FARM			Investigator:		Eric P. Prostko						
Weed Code							----- Arahy	Amapa -----	Rapra -----	Agrass -----	Molve -----	----- Arahy	Amapa -----
Rating Data Type							Necrosis %	Control %	Control %	Control %	Control %	Necrosis %	Control %
Rating Unit							Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-15-21	Jun-15-21
Rating Date													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	7	8	9	10	11	12	13
1	NTC						0.0 c	0.0 c	0.0 e	0.0 d	0.0 b	0.0 a	0.0 c
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 c	99.0 a	99.0 a	97.7 a	99.0 a	0.0 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	2	SL	16.0 oz/a	POST	B							
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 c	95.0 ab	70.0 d	93.3 ab	99.0 a	0.0 a	94.7 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	2	SL	16.0 oz/a	POST	B							
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	3.3 b	91.3 b	75.0 bcd	93.0 ab	99.0 a	0.0 a	96.3 b
	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	2	SL	16.0 oz/a	POST	B							
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	1.7 bc	99.0 a	83.3 bc	83.0 c	99.0 a	0.0 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	2	SL	16.0 oz/a	POST	B							
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	16.7 a	99.0 a	97.7 a	99.0 a	99.0 a	0.0 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	2	SL	16.0 oz/a	POST	B							
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 c	99.0 a	99.0 a	99.0 a	99.0 a	0.0 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	2	SL	16.0 oz/a	POST	B							
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 c	99.0 a	99.0 a	94.7 ab	99.0 a	0.0 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	2	SL	16.0 oz/a	POST	B							
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	3.3 b	99.0 a	99.0 a	94.3 ab	99.0 a	0.0 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	2	SL	16.0 oz/a	POST	B							
10	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	0.0 c	97.7 a	85.0 b	89.7 bc	99.0 a	0.0 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	2	SL	16.0 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.
 Could not calculate LSD (% mean diff) for columns 3,6,11,12,16,18 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)																
VULCARUS - YEAR 2																
Trial ID:		PE-09-21			Study Dir.:			NEWSOME/FULMER/ABBOTT								
Location:		PONDER FARM			Investigator:			Eric P. Prostko								
Weed Code		-----			Amapa		Rapra		Agrass		Molve		-----		Amapa	
Crop Code		Arahy			-----		-----		-----		-----		Arahy		-----	
Part Rated																
Rating Data Type		Necrosis			Control		Control		Control		Control		Necrosis		Control	
Rating Unit		%			%		%		%		%		%		%	
Rating Date		Jun-2-21			Jun-2-21		Jun-2-21		Jun-2-21		Jun-2-21		Jun-15-21		Jun-15-21	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	7	8	9	10	11	12	13		
11	OUTLOOK	6 EC		10.5 oz/a	PRE	A		0.0 c	96.3 a	71.7 cd	88.0 bc	99.0 a	0.0 a	96.3 b		
	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	2 SL		16.0 oz/a	POST	B										
12	NTC							0.0 c	0.0 c	0.0 e	0.0 d	0.0 b	0.0 a	0.0 c		
LSD P=.10																
Standard Deviation																
CV																
Grand Mean																
Bartlett's X2^																
P(Bartlett's X2)																

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 3,6,11,12,16,18 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)													
VULCARUS - YEAR 2													
Trial ID: PE-09-21		Study Dir.: NEWSOME/FULMER/ABBOTT											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Rapra	Agrass	Molve	Amapa	Agrass	Amapa	Agrass	
						-----	-----	-----	-----	-----	-----	-----	
						Control %	Control %	Control %	Control %	Control %	Control %	Control %	
						Jun-15-21	Jun-15-21	Jun-15-21	Jul-7-21	Jul-7-21	Aug-9-21	Aug-9-21	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	14	15	16	17	18	19	20
1	NTC						0.0 c	0.0 c	0.0 b	0.0 d	0.0 b	0.0 c	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	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	2	SL	16.0 oz/a	POST	B							
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	94.7 b	97.7 a	99.0 a	94.7 bc	99.0 a	84.7 b	91.7 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	2	SL	16.0 oz/a	POST	B							
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	97.7 a	99.0 a	93.0 c	99.0 a	84.7 b	97.7 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	2	SL	16.0 oz/a	POST	B							
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	97.7 a	96.3 ab	99.0 a	99.0 a	99.0 a	99.0 a	97.7 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	2	SL	16.0 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	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	2	SL	16.0 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	99.0 a	99.0 a	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	2	SL	16.0 oz/a	POST	B							
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	97.7 a	96.3 ab	99.0 a	99.0 a	99.0 a	99.0 a	96.3 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	2	SL	16.0 oz/a	POST	B							
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	97.7 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	2	SL	16.0 oz/a	POST	B							
10	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	97.7 a	97.7 a	99.0 a	99.0 a	99.0 a	99.0 a	97.7 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	2	SL	16.0 oz/a	POST	B							

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 Could not calculate LSD (% mean diff) for columns 3,6,11,12,16,18 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H) VULCARUS - YEAR 2								
Trial ID: PE-09-21		Study Dir.: NEWSOME/FULMER/ABBOTT						
Location: PONDER FARM		Investigator: Eric P. Prostko						
Weed Code		Rapra	Agrass	Molve	Amapa	Agrass	Amapa	Agrass
Crop Code		-----	-----	-----	-----	-----	-----	-----
Part Rated								
Rating Data Type		Control	Control	Control	Control	Control	Control	Control
Rating Unit		%	%	%	%	%	%	%
Rating Date		Jun-15-21	Jun-15-21	Jun-15-21	Jul-7-21	Jul-7-21	Aug-9-21	Aug-9-21
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	
								14
								15
								16
								17
								18
								19
								20
11	OUTLOOK	6 EC		10.5 oz/a	PRE	A		97.7 a
	TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE	A		94.7 b
	CADRE	2 AS		4.0 oz/a	POST	B		99.0 a
	OUTLOOK	6 EC		10.5 oz/a	POST	B		97.7 ab
	2,4-DB	2 SL		16.0 oz/a	POST	B		99.0 a
12	NTC							0.0 c
								0.0 c
								0.0 b
								0.0 d
								0.0 b
								0.0 c
								0.0 c
	LSD P=.10							2.60
	Standard Deviation							1.86
	CV							2.27
	Grand Mean							81.69
	Bartlett's X2^							22.276
	P(Bartlett's X2)							0.022*
								2.77
								1.98
								2.44
								81.25
								10.953
								0.447
								.
								3.70
								2.64
								0.00
								3.24
								0.0
								82.50
								81.53
								62.985
								.
								0.00*
								.
								10.31
								7.35
								9.18
								80.11
								47.173
								0.00*
								81.33
								15.236
								0.172

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 Could not calculate LSD (% mean diff) for columns 3,6,11,12,16,18 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)			
VULCARUS - YEAR 2			
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT
Location:	PONDER FARM	Investigator:	Eric P. Prostko

							----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-29-21	----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-29-21	----- ARAHY YIELD, - YIELD LBS/A Sep-29-21
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	21	22	23
1	NTC						0.0 c	0.0 c	0 c
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	17.2 b	16.9 b	4911 b
	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	2	SL	16.0 oz/a	POST	B			
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	18.7 ab	18.3 ab	5330 ab
	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	2	SL	16.0 oz/a	POST	B			
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	18.5 ab	18.1 ab	5273 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	2	SL	16.0 oz/a	POST	B			
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	18.4 ab	18.0 ab	5254 ab
	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	2	SL	16.0 oz/a	POST	B			
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	17.5 ab	17.2 ab	5006 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	2	SL	16.0 oz/a	POST	B			
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	19.4 a	19.0 a	5530 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	2	SL	16.0 oz/a	POST	B			
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	18.8 ab	18.4 ab	5368 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	2	SL	16.0 oz/a	POST	B			
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	18.5 ab	18.2 ab	5292 ab
	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	2	SL	16.0 oz/a	POST	B			
10	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	18.4 ab	18.0 ab	5254 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	2	SL	16.0 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.
 Could not calculate LSD (% mean diff) for columns 3,6,11,12,16,18 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)						
VULCARUS - YEAR 2						
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Weed Code			-----	-----	-----	
Crop Code			ARAHY	ARAHY	ARAHY	
Part Rated			YIELD, -	YIELD, -	YIELD, -	
Rating Data Type			DIRTY	CLEAN	YIELD	
Rating Unit			LBS/PLOT	LBS/PLOT	LBS/A	
Rating Date			Sep-29-21	Sep-29-21	Sep-29-21	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code
11	OUTLOOK	6 EC		10.5 oz/a	PRE	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	2 SL		16.0 oz/a	POST	B
12	NTC					
	LSD P=.10			2.02		
	Standard Deviation			1.44		
	CV			9.38		
	Grand Mean			15.39		
	Bartlett's X2^			6.008		
	P(Bartlett's X2)			0.873		

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 3,6,11,12,16,18 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H) VULCARUS - YEAR 2						
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Randomized Complete Block (RCB) AOV For ----- Arahy Stunting % May-24-21 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	290.972222				
Replicate	2	1.388889	0.694444	0.314	0.7335	
Treatment	11	240.972222	21.906566	9.914	0.0001	
Error	22	48.611111	2.209596			
Randomized Complete Block (RCB) AOV For ----- Arahy Necrosis % May-24-21 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	390.972222				
Replicate	2	9.722222	4.861111	1.185	0.3246	
Treatment	11	290.972222	26.452020	6.446	0.0001	
Error	22	90.277778	4.103535			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % May-24-21 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	49005.000000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	11	49005.000000	4455.000000	0.000	1.0000	
Error	22	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Rapra ----- Control % May-24-21 (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	44843.000000				
Replicate	2	81.166667	40.583333	2.010	0.1578	
Treatment	11	44317.666667	4028.878788	199.554	0.0001	
Error	22	444.166667	20.189394			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % May-24-21 (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	48140.972222				
Replicate	2	17.055556	8.527778	1.068	0.3607	
Treatment	11	47948.305556	4358.936869	546.074	0.0001	
Error	22	175.611111	7.982323			
Randomized Complete Block (RCB) AOV For Molve ----- Control % May-24-21 (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	49005.000000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	11	49005.000000	4455.000000	0.000	1.0000	
Error	22	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For ----- Arahy Necrosis % Jun-2-21 (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	868.750000				
Replicate	2	29.166667	14.583333	3.667	0.0422	
Treatment	11	752.083333	68.371212	17.190	0.0001	
Error	22	87.500000	3.977273			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-2-21 (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	47865.638889				
Replicate	2	16.722222	8.361111	0.896	0.4226	
Treatment	11	47643.638889	4331.239899	464.187	0.0001	
Error	22	205.277778	9.330808			
Randomized Complete Block (RCB) AOV For Rapra ----- Control % Jun-2-21 (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	44650.222222				
Replicate	2	214.222222	107.111111	1.362	0.2768	
Treatment	11	42706.222222	3882.383838	49.378	0.0001	
Error	22	1729.777778	78.626263			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-2-21 (Data Column 10)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	45214.305556				
Replicate	2	446.055556	223.027778	7.375	0.0035	
Treatment	11	44102.972222	4009.361111	132.585	0.0001	
Error	22	665.277778	30.239899			

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H) VULCARUS - YEAR 2						
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Randomized Complete Block (RCB) AOV For Molve ----- Control % Jun-2-21 (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	49005.000000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	11	49005.000000	4455.000000	0.000	1.0000	
Error	22	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For ----- Arahya Necrosis % Jun-15-21 (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	0.000000000000				
Replicate	2	0.000000000000	0.000000000000	0.000	1.0000	
Treatment	11	0.000000000000	0.000000000000	0.000	1.0000	
Error	22	0.000000000000	0.000000000000			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-15-21 (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	48185.638889				
Replicate	2	1.388889	0.694444	0.252	0.7794	
Treatment	11	48123.638889	4374.876263	1587.948	0.0001	
Error	22	60.611111	2.755051			
Randomized Complete Block (RCB) AOV For Rapra ----- Control % Jun-15-21 (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	48185.638889				
Replicate	2	7.388889	3.694444	1.070	0.3601	
Treatment	11	48102.305556	4372.936869	1266.776	0.0001	
Error	22	75.944444	3.452020			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-15-21 (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	47688.750000				
Replicate	2	18.500000	9.250000	2.362	0.1177	
Treatment	11	47584.083333	4325.825758	1104.466	0.0001	
Error	22	86.166667	3.916667			
Randomized Complete Block (RCB) AOV For Molve ----- Control % Jun-15-21 (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	49005.000000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	11	49005.000000	4455.000000	0.000	1.0000	
Error	22	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jul-7-21 (Data Column 17)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	48140.972222				
Replicate	2	1.722222	0.861111	0.123	0.8846	
Treatment	11	47985.638889	4362.330808	624.768	0.0001	
Error	22	153.611111	6.982323			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jul-7-21 (Data Column 18)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	49005.000000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	11	49005.000000	4455.000000	0.000	1.0000	
Error	22	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Aug-9-21 (Data Column 19)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	48435.555556				
Replicate	2	51.722222	25.861111	0.478	0.6262	
Treatment	11	47194.222222	4290.383838	79.344	0.0001	
Error	22	1189.611111	54.073232			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Aug-9-21 (Data Column 20)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	47878.000000				
Replicate	2	20.666667	10.333333	2.564	0.0998	
Treatment	11	47768.666667	4342.606061	1077.489	0.0001	
Error	22	88.666667	4.030303			

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H) VULCARUS - YEAR 2						
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD DIRTY LBS/PLOT Sep-29-21 (Data Column 21)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	1782.803056				
Replicate	2	20.210556	10.105278	4.849	0.0180	
Treatment	11	1716.743056	156.067551	74.886	0.0001	
Error	22	45.849444	2.084066			
Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD CLEAN LBS/PLOT Sep-29-21 (Data Column 22)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	1712.204055				
Replicate	2	19.410218	9.705109	4.849	0.0180	
Treatment	11	1648.760031	149.887276	74.886	0.0001	
Error	22	44.033806	2.001537			
Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD YIELD LBS/A Sep-29-21 (Data Column 23)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	145358096.432929				
Replicate	2	1647836.464186	823918.232093	4.849	0.0180	
Treatment	11	139971996.257458	12724726.932496	74.886	0.0001	
Error	22	3738263.711285	169921.077786			
<u>Weed Code</u>						
Amapa = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.						
Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.						
Molve = CARPETWEED / MOLLUGO VERTICILLATA L.						
<u>PRM Data Type</u>						
T1 = [21]*0.98						
TY2 = 291.368*[22]						

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H) VULCARUS - YEAR 2													
Trial ID: PE-09-21		Study Dir.: NEWSOME/FULMER/ABBOTT											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code				----- Arahy	----- Arahy	Amapa -----	Rapra -----	Agrass -----					
Crop Code				Stunting %	Necrosis %	Control %	Control %	Control %					
Part Rated				May-24-21	May-24-21	May-24-21	May-24-21	May-24-21					
Rating Data Type													
Rating Unit													
Rating Date													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	1	2	3	4	5
1	NTC							101	0.0	0.0	0.0	0.0	0.0
								207	0.0	0.0	0.0	0.0	0.0
								304	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		102	5.0	0.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	PRE	A		204	5.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A		302	5.0	0.0	99.0	99.0	95.0
	CADRE	2	AS	4.0 oz/a	POST	B							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B							
	2,4-DB	2	SL	16.0 oz/a	POST	B							
								Mean =	5.0	0.0	99.0	99.0	97.7
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		103	0.0	0.0	99.0	90.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		210	0.0	0.0	99.0	65.0	85.0
	CADRE	2	AS	4.0 oz/a	POST	B		305	0.0	0.0	99.0	70.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B							
	2,4-DB	2	SL	16.0 oz/a	POST	B							
								Mean =	0.0	0.0	99.0	75.0	94.3
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		104	0.0	0.0	99.0	90.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		203	0.0	0.0	99.0	85.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		310	0.0	0.0	99.0	85.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B							
	2,4-DB	2	SL	16.0 oz/a	POST	B							
								Mean =	0.0	0.0	99.0	86.7	99.0
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		105	0.0	5.0	99.0	95.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A		209	0.0	5.0	99.0	90.0	95.0
	CADRE	2	AS	4.0 oz/a	POST	B		312	0.0	0.0	99.0	90.0	90.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B							
	2,4-DB	2	SL	16.0 oz/a	POST	B							
								Mean =	0.0	3.3	99.0	91.7	94.7
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		106	10.0	15.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	4.12 oz/a	PRE	A		212	10.0	10.0	99.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		306	5.0	5.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B							
	2,4-DB	2	SL	16.0 oz/a	POST	B							
								Mean =	8.3	10.0	99.0	97.7	99.0
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		107	0.0	0.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		211	0.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A		307	5.0	5.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B							
	2,4-DB	2	SL	16.0 oz/a	POST	B							
								Mean =	1.7	1.7	99.0	99.0	99.0
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		108	0.0	0.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		201	0.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A		309	0.0	0.0	99.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B							
	2,4-DB	2	SL	16.0 oz/a	POST	B							
								Mean =	0.0	0.0	99.0	97.7	99.0

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)													
VULCARUS - YEAR 2													
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT										
Location:	PONDER FARM	Investigator:	Eric P. Prostko										
Weed Code			----- Arahy	----- Arahy	Amapa -----	Rapra -----	Agrass -----						
Crop Code			Stunting %	Necrosis %	Control %	Control %	Control %						
Part Rated			May-24-21	May-24-21	May-24-21	May-24-21	May-24-21						
Rating Data Type													
Rating Unit													
Rating Date													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	Plot	1	2	3	4	5
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	109		5.0	5.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A	202		0.0	5.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	308		5.0	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B							
	2,4-DB	2	SL	16.0 oz/a	POST	B							
							Mean =		3.3	3.3	99.0	99.0	99.0
10	DUAL MAGNUM	7.62	EC	16.0 oz/a	PRE	A	110		0.0	0.0	99.0	95.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	206		0.0	0.0	99.0	85.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B	301		0.0	0.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B							
	2,4-DB	2	SL	16.0 oz/a	POST	B							
							Mean =		0.0	0.0	99.0	93.0	99.0
11	OUTLOOK	6	EC	10.5 oz/a	PRE	A	111		0.0	0.0	99.0	80.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	208		0.0	0.0	99.0	85.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B	311		0.0	0.0	99.0	85.0	95.0
	OUTLOOK	6	EC	10.5 oz/a	POST	B							
	2,4-DB	2	SL	16.0 oz/a	POST	B							
							Mean =		0.0	0.0	99.0	83.3	97.7
12	NTC						112		0.0	0.0	0.0	0.0	0.0
							205		0.0	0.0	0.0	0.0	0.0
							303		0.0	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 - YEAR 2							Molve	-----	Amapa	Rapra	Agrass	Molve		
Trial ID: PE-09-21		Study Dir.: NEWSOME/FULMER/ABBOTT		Location: PONDER FARM Investigator: Eric P. Prostko			-----	Arahy	-----	-----	-----	-----		
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date		Control %	Necrosis %	Control %	Control %	Control %	Control %		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	6	7	8	9	10	11
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
								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	0.0	99.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	PRE	A		204	99.0	0.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A		302	99.0	0.0	99.0	99.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	99.0	0.0	99.0	99.0	97.7	99.0
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		103	99.0	0.0	95.0	95.0	95.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		210	99.0	0.0	95.0	50.0	90.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		305	99.0	0.0	95.0	65.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	99.0	0.0	95.0	70.0	93.3	99.0
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		104	99.0	5.0	99.0	85.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		203	99.0	5.0	95.0	75.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		310	99.0	0.0	80.0	65.0	85.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	99.0	3.3	91.3	75.0	93.0	99.0
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		105	99.0	5.0	99.0	95.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A		209	99.0	0.0	99.0	80.0	75.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		312	99.0	0.0	99.0	75.0	75.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	99.0	1.7	99.0	83.3	83.0	99.0
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		106	99.0	20.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	4.12 oz/a	PRE	A		212	99.0	20.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		306	99.0	10.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	99.0	16.7	99.0	97.7	99.0	99.0
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		107	99.0	0.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		211	99.0	0.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A		307	99.0	0.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	99.0	0.0	99.0	99.0	99.0	99.0
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		108	99.0	0.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		201	99.0	0.0	99.0	99.0	95.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A		309	99.0	0.0	99.0	99.0	90.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	99.0	0.0	99.0	99.0	94.7	99.0

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H) VULCARUS - YEAR 2														
Trial ID:	PE-09-21	Study Dir.:	NEWSOME/FULMER/ABBOTT											
Location:	PONDER FARM	Investigator:	Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date									
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	6	7	8	9	10	11
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	99.0	5.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	202	99.0	5.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	308	99.0	0.0	99.0	99.0	85.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
								Mean =	99.0	3.3	99.0	99.0	94.3	99.0
10	DUAL MAGNUM	7.62	EC	16.0	oz/a	PRE	A	110	99.0	0.0	95.0	85.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	206	99.0	0.0	99.0	75.0	85.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	301	99.0	0.0	99.0	95.0	85.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
								Mean =	99.0	0.0	97.7	85.0	89.7	99.0
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	111	99.0	0.0	95.0	65.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	208	99.0	0.0	99.0	85.0	90.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	311	99.0	0.0	95.0	65.0	75.0	99.0
	OUTLOOK	6	EC	10.5	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
								Mean =	99.0	0.0	96.3	71.7	88.0	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
								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 - YEAR 2														
Trial ID: PE-09-21		Study Dir.: NEWSOME/FULMER/ABBOTT												
Location: PONDER FARM		Investigator: Eric P. Prostko												
Weed Code				----- Arahy	Amapa -----	Rapra -----	Agrass -----	Molve -----	Amapa -----					
Crop Code				Necrosis %	Control %	Control %	Control %	Control %	Control %					
Part Rated				Jun-15-21	Jun-15-21	Jun-15-21	Jun-15-21	Jun-15-21	Jul-7-21					
Rating Data Type														
Rating Unit														
Rating Date														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl 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
								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	0.0	99.0	99.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	PRE	A		204	0.0	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A		302	0.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	0.0	99.0	99.0	99.0	99.0	99.0
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		103	0.0	95.0	99.0	99.0	99.0	95.0
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		210	0.0	99.0	90.0	95.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		305	0.0	90.0	95.0	99.0	99.0	90.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	0.0	94.7	94.7	97.7	99.0	94.7
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		104	0.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		203	0.0	95.0	99.0	99.0	99.0	85.0
	CADRE	2	AS	4.0 oz/a	POST	B		310	0.0	95.0	99.0	95.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	0.0	96.3	99.0	97.7	99.0	93.0
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		105	0.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A		209	0.0	99.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		312	0.0	99.0	95.0	95.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	0.0	99.0	97.7	96.3	99.0	99.0
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		106	0.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	4.12 oz/a	PRE	A		212	0.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B		306	0.0	99.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	0.0	99.0	99.0	99.0	99.0	99.0
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		107	0.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		211	0.0	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A		307	0.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	0.0	99.0	99.0	99.0	99.0	99.0
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		108	0.0	99.0	99.0	99.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		201	0.0	99.0	95.0	95.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A		309	0.0	99.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B								
	2,4-DB	2	SL	16.0 oz/a	POST	B								
								Mean =	0.0	99.0	97.7	96.3	99.0	99.0

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H) VULCARUS - YEAR 2						
Trial ID:		PE-09-21		Study Dir.:		NEWSOME/FULMER/ABBOTT
Location:		PONDER FARM		Investigator:		Eric P. Prostko
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Necrosis % Jun-15-21
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit Stg	Appl Code Plot
12	13	14	15	16	17	17
		Amapa -----	Rapra -----	Agrass -----	Molve -----	Amapa -----
		Control %	Control %	Control %	Control %	Control %
9	PROWL H20	3.8 SC		32.0 oz/a	PRE A	109
	TRIFLUDIMOXAZIN	4.17 SC		2.06 oz/a	PRE A	202
	STRONGARM	84 WG		0.225 oz/a	PRE A	308
	CADRE	2 AS		4.0 oz/a	POST B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	
					Mean =	
					0.0	99.0
					99.0	99.0
					97.7	99.0
					99.0	99.0
10	DUAL MAGNUM	7.62 EC		16.0 oz/a	PRE A	110
	TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE A	206
	CADRE	2 AS		4.0 oz/a	POST B	301
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	
					Mean =	
					0.0	99.0
					99.0	99.0
					97.7	99.0
					99.0	99.0
11	OUTLOOK	6 EC		10.5 oz/a	PRE A	111
	TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE A	208
	CADRE	2 AS		4.0 oz/a	POST B	311
	OUTLOOK	6 EC		10.5 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	
					Mean =	
					0.0	96.3
					97.7	94.7
					99.0	97.7
12	NTC					112
						205
						303
					Mean =	
					0.0	0.0
					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 - YEAR 2												
Trial ID: PE-09-21		Study Dir.: NEWSOME/FULMER/ABBOTT										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code							Agrass	Amapa	Agrass	-----	-----	-----
Crop Code							-----	-----	-----	ARAHY	ARAHY	ARAHY
Part Rated										YIELD, -	YIELD, -	YIELD, -
Rating Data Type							Control	Control	Control	DIRTY	CLEAN	YIELD
Rating Unit							%	%	%	LBS/PLOT	LBS/PLOT	LBS/A
Rating Date							Jul-7-21	Aug-9-21	Aug-9-21	Sep-29-21	Sep-29-21	Sep-29-21
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	18	19	20	21	22	23
1	NTC						101 0.0	207 0.0	304 0.0	Mean = 0.0	0.0	0.0
2	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	102 99.0	204 99.0	302 99.0	Mean = 99.0	16.5	16.2
	VALOR EZ	4 SC		3.0 oz/a	PRE	A	102 99.0	204 99.0	302 99.0	Mean = 99.0	18.2	17.8
	STRONGARM	84 WG		0.225 oz/a	PRE	A	102 99.0	204 99.0	302 99.0	Mean = 99.0	16.9	16.6
	CADRE	2 AS		4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
							Mean = 99.0	99.0	99.0	17.2	16.9	4911
3	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	103 99.0	210 99.0	305 99.0	Mean = 99.0	18.5	18.1
	TRIFLUDIMOXAZIN	4.17 SC		0.685 oz/a	PRE	A	103 99.0	210 99.0	305 99.0	Mean = 99.0	20.6	20.2
	CADRE	2 AS		4.0 oz/a	POST	B					16.9	16.6
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
							Mean = 99.0	84.7	91.7	18.7	18.3	5330
4	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	104 99.0	203 99.0	310 99.0	Mean = 99.0	16.7	16.4
	TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE	A	104 99.0	203 99.0	310 99.0	Mean = 99.0	19.3	18.9
	CADRE	2 AS		4.0 oz/a	POST	B					19.4	19.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
							Mean = 99.0	84.7	97.7	18.5	18.1	5273
5	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	105 99.0	209 99.0	312 99.0	Mean = 99.0	17.6	17.2
	TRIFLUDIMOXAZIN	4.17 SC		2.06 oz/a	PRE	A	105 99.0	209 99.0	312 99.0	Mean = 99.0	20.5	20.1
	CADRE	2 AS		4.0 oz/a	POST	B					17.1	16.8
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
							Mean = 99.0	99.0	97.7	18.4	18.0	5254
6	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	106 99.0	212 99.0	306 99.0	Mean = 99.0	15.2	14.9
	TRIFLUDIMOXAZIN	4.17 SC		4.12 oz/a	PRE	A	106 99.0	212 99.0	306 99.0	Mean = 99.0	18.4	18.0
	CADRE	2 AS		4.0 oz/a	POST	B					19.0	18.6
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
							Mean = 99.0	99.0	99.0	17.5	17.2	5006
7	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	107 99.0	211 99.0	307 99.0	Mean = 99.0	16.0	15.7
	TRIFLUDIMOXAZIN	4.17 SC		0.685 oz/a	PRE	A	107 99.0	211 99.0	307 99.0	Mean = 99.0	21.0	20.6
	STRONGARM	84 WG		0.225 oz/a	PRE	A	107 99.0	211 99.0	307 99.0	Mean = 99.0	21.1	20.7
	CADRE	2 AS		4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
							Mean = 99.0	99.0	99.0	19.4	19.0	5530
8	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	108 99.0	201 99.0	309 99.0	Mean = 99.0	18.0	17.6
	TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE	A	108 99.0	201 99.0	309 99.0	Mean = 99.0	18.1	17.7
	STRONGARM	84 WG		0.225 oz/a	PRE	A	108 99.0	201 99.0	309 99.0	Mean = 99.0	20.3	19.9
	CADRE	2 AS		4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
							Mean = 99.0	99.0	96.3	18.8	18.4	5368

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WEED CONTROL IN PEANUT WITH TRIFLUDIMOXAZIN (BAS-850-01H)														
VULCARUS - YEAR 2														
Trial ID:		PE-09-21			Study Dir.:			NEWSOME/FULMER/ABBOTT						
Location:		PONDER FARM			Investigator:			Eric P. Prostko						
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Agrass	Amapa	Agrass	-----	-----	-----			
						Control	Control	Control	ARAHY	ARAHY	ARAHY			
						%	%	%	YIELD, -	YIELD, -	YIELD, -			
						Jul-7-21	Aug-9-21	Aug-9-21	DIRTY	CLEAN	YIELD			
									LBS/PLOT	LBS/PLOT	LBS/A			
									Sep-29-21	Sep-29-21	Sep-29-21			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	Plot	18	19	20	21	22	23
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	99.0	99.0	99.0	17.0	16.7	4854
	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	202	99.0	99.0	99.0	18.4	18.0	5254
	STRONGARM	84	WG	0.225	oz/a	PRE	A	308	99.0	99.0	99.0	20.2	19.8	5768
	CADRE	2	AS	4.0	oz/a	POST	B							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
								Mean =	99.0	99.0	99.0	18.5	18.2	5292
10	DUAL MAGNUM	7.62	EC	16.0	oz/a	PRE	A	110	99.0	99.0	99.0	18.6	18.2	5311
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	206	99.0	99.0	95.0	16.6	16.3	4740
	CADRE	2	AS	4.0	oz/a	POST	B	301	99.0	99.0	99.0	20.0	19.6	5711
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
								Mean =	99.0	99.0	97.7	18.4	18.0	5254
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	111	99.0	99.0	99.0	17.9	17.5	5111
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	208	99.0	99.0	99.0	18.6	18.2	5311
	CADRE	2	AS	4.0	oz/a	POST	B	311	99.0	99.0	99.0	21.3	20.9	6082
	OUTLOOK	6	EC	10.5	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
								Mean =	99.0	99.0	99.0	19.3	18.9	5501
12	NTC							112	0.0	0.0	0.0	0.0	0.0	0
								205	0.0	0.0	0.0	0.0	0.0	0
								303	0.0	0.0	0.0	0.0	0.0	0
								Mean =	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 - YEAR 2

Trial ID: PE-09-21 Study Dir.: NEWSOME/FULMER/ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

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

Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.

Molve = CARPETWEED / MOLLUGO VERTICILLATA L.

PRM Data Type

T1 = [21]*0.98

TY2 = 291.368*[22]