

University of Georgia

PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H)
 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
 Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 4 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3	Rep 4
1	GA-06G NO TRIFLUDIMOXAZIN							-	101	204	302	403
2	GA-06G TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A	0.5351 mL/mx	1499.5 mL	102	203	304	401
3	GA-06G TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	0.8046 mL/mx	1499.2 mL	103	202	301	404
4	GA-06G TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A	1.609 mL/mx	1498.4 mL	104	201	303	402
5	GA-18RU NO TRIFLUDIMOXAZIN							-	105	208	307	406
6	GA-18RU TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A	0.5351 mL/mx	1499.5 mL	106	207	308	405
7	GA-18RU TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	0.8046 mL/mx	1499.2 mL	107	206	305	408
8	GA-18RU TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A	1.609 mL/mx	1498.4 mL	108	205	306	407
9	GA-16HO NO TRIFLUDIMOXAZIN							-	109	212	310	411
10	GA-16HO TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A	0.5351 mL/mx	1499.5 mL	110	211	309	412
11	GA-16HO TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	0.8046 mL/mx	1499.2 mL	111	210	312	409
12	GA-16HO TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A	1.609 mL/mx	1498.4 mL	112	209	311	410

Sort Order: Treatment

Trial Comments

MAINTAINED WEED-FREE

PROWL H20 @ 32 OZ/A + STRONGARM @ 0.45 OZ/A (PRE) - 05/02/21
 CADRE @ 4 OZ/A + DUAL MAGNUM @ 16 OZ/A - 06/03/21

DIGGING DATE: 09/23/21
 HARVEST DATE: 09/28/21
 HARVEST MOISTURE:
 GA-06G = 13.5%
 GA-18RU = 13.1%
 GA-16HO = 10.4%
 YIELDS ADJUSTED TO 10% MOISTURE.
 2% YIELD DEDUCTION FOR FM (ROCKS, LEAVES, STEMS, ETC)

SUMMARY:

- 1) TRIFLUDIMOXAZIN HAD NO EFFECT ON PEANUT DENSITY/STAND.
- 2) TRIFLUDIMOXAZIN CAUSED SLIGHT BUT TRANSITORY PEANUT STUNTING AND LEAF NECROSIS (<7%).
- 3) THERE DOES NOT APPEAR TO BE ANY PEANUT VARIETY SENSITIVITY TO TRIFLUDIMOXAZIN.
- 4) NEITHER PEANUT VARIETY NOR TRIFLUDIMOXAZIN RATE HAD AN EFFECT ON PEANUT YIELD (P>0.51).

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WEED-FREE - YEAR 3

Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: LARRY NEWSOME **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. _____ 2. _____

Crop 1: ARAHY PEANUT **Variety:** SEVERAL **Planting Date:** May-7-21
Planting Method: MONOSEM TWIN ROW **Rate:** 3.5 SEED/FT **Depth:** 2.0 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:** FACTOR
Trial Initiation Comments: 300 LBS/A 5-15-30 PPLNT; THIMET INFR; RANCONA VPD SEED TRT; 36"-9" TWIN ROW SPACING; 1000 LBS/A GYPSUM

Previous: Crops	Pesticides	Year
1. FALLOW		2020

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.77 **% Sand:** 92 **% Silt:** 6 **% Clay:** 2
pH: 6.0 **CEC:** 2.6 **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-8-21	0.4	IN	SPRINKLER - LATERAL MOVE		
2.	May-11-21	0.15	IN	RAINFALL		
3.	May-12-21	0.6	IN	RAINFALL		
4.	May-18-21	0.3	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	0.45	IN	SPRINKLER - LATERAL MOVE		
8.	Jun-4-21	0.6	IN	RAINFALL		
9.	Jun-6-21	0.4	IN	RAINFALL		
10.	Jun-7-21	1.25	IN	RAINFALL		
11.	Jun-8-21	0.15	IN	RAINFALL		
12.	Jun-11-21	0.3	IN	RAINFALL		
13.	Jun-15-21	0.3	IN	RAINFALL		
14.	Jun-17-21	0.46	IN	SPRINKLER - LATERAL MOVE		
15.	Jun-20-21	1.0	IN	RAINFALL		
16.	Jun-21-21	2.4	IN	RAINFALL		

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

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 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

		APPLICATION DESCRIPTION					
		A	B	C	D	E	F
Application Date:	May-8-21	_____	_____	_____	_____	_____	_____
Time of Day:	7:00 AM	_____	_____	_____	_____	_____	_____
Application Method:	BROADCAST	_____	_____	_____	_____	_____	_____
Application Timing:	PRE	_____	_____	_____	_____	_____	_____
Applic. Placement:	SOIL	_____	_____	_____	_____	_____	_____
Air Temp., Unit:	48 F	_____	_____	_____	_____	_____	_____
% Relative Humidity:	86	_____	_____	_____	_____	_____	_____
Wind Velocity, Unit:	0 MPH	_____	_____	_____	_____	_____	_____
Dew Presence (Y/N):	Y	_____	_____	_____	_____	_____	_____
Water Hardness:	-----	_____	_____	_____	_____	_____	_____
Soil Temp., Unit:	60 F	_____	_____	_____	_____	_____	_____
Soil Moisture:	OPTIMUM	_____	_____	_____	_____	_____	_____
% Cloud Cover:	0	_____	_____	_____	_____	_____	_____

		CROP STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Crop 1 Stage:	ARAHY	_____	_____	_____	_____	_____	_____
Stage Scale:		_____	_____	_____	_____	_____	_____
Height, Unit:		_____	_____	_____	_____	_____	_____

		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1 Stage:		_____	_____	_____	_____	_____	_____
Stage Scale:		_____	_____	_____	_____	_____	_____
Density, Unit:		_____	_____	_____	_____	_____	_____

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	_____	_____	_____	_____	_____	_____
Operating Pressure:	38	_____	_____	_____	_____	_____	_____
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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 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Crop Code						
Part Rated						
Rating Data Type	Stand	Stand	Stunting	Necrosis	Stand	Stunting
Rating Unit	#/5 ft	#/5/ft	%	%	#/5ft	%
Rating Date	May-17-21	May-21-21	May-21-21	May-21-21	Jun-4-21	Jun-4-21
Trt-Eval Interval	9 DA-A	13 DA-A	13 DA-A	13 DA-A	27 DA-A	27 DA-A
Trt Treatment No. Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	
						1 2 3 4 5 6
TABLE OF R MEANS						
Replicate 1	13.2	23.2	3.8	0.8	25.3	4.2
Replicate 2	11.3	24.2	4.2	1.3	26.1	2.1
Replicate 3	12.4	21.6	2.1	1.3	23.3	2.9
Replicate 4	12.6	24.4	1.7	0.4	24.3	3.3
TABLE OF A (VARIETY) MEANS						
1 GA-06G	15.4 a	25.1 a	1.6 b	0.6 a	25.3 b	2.5 a
2 GA-18RU	5.4 b	18.1 b	6.6 a	0.6 a	21.7 c	3.8 a
3 GA-16HO	16.3 a	26.8 a	0.6 b	1.6 a	27.2 a	3.1 a
LSD P=.10	3.54	3.61	2.79	0.95	1.81	1.81
Standard Deviation	5.15	5.25	4.06	1.38	2.64	2.64
CV	41.66	22.52	139.24	147.41	10.66	84.33
TABLE OF B (TRIFLUDI RATE) MEANS						
1 NO TRIFLUDIMOXAZIN	12.3 a	23.2 a	0.0 b	0.0 b	25.4 a	0.0 c
2 TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A	12.2 a	22.4 a	3.3 a
3 TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A	12.5 a	24.2 a	3.3 a
4 TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A	12.4 a	23.6 a	5.0 a
LSD P=.10	3.04	2.99	2.65	1.77	1.83	2.19
Standard Deviation	4.06	4.00	3.54	2.37	2.44	2.93
CV	32.86	17.12	121.22	252.72	9.88	93.65
TABLE OF A (VARIETY) B (TRIFLUDI RATE) MEANS						
1 GA-06G	15.3 a	24.8 a	0.0 c	0.0 a	25.5 abc	0.0 a
1 NO TRIFLUDIMOXAZIN						
2 GA-18RU	5.0 a	17.3 a	0.0 c	0.0 a	23.8 c	0.0 a
1 NO TRIFLUDIMOXAZIN						
3 GA-16HO	16.8 a	27.5 a	0.0 c	0.0 a	27.0 ab	0.0 a
1 NO TRIFLUDIMOXAZIN						
1 GA-06G	15.3 a	25.3 a	0.0 c	0.0 a	27.8 a	2.5 a
2 TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A			
2 GA-18RU	5.0 a	16.5 a	8.8 a	0.0 a	20.0 d	2.5 a
2 TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A			
3 GA-16HO	16.3 a	25.5 a	1.3 c	1.3 a	26.8 ab	3.8 a
2 TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A			
1 GA-06G	16.0 a	24.8 a	1.3 c	0.0 a	24.5 bc	2.5 a
3 TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A			
2 GA-18RU	5.8 a	21.3 a	8.8 a	0.0 a	19.5 d	5.0 a
3 TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A			
3 GA-16HO	15.8 a	26.5 a	0.0 c	0.0 a	27.3 ab	3.8 a
3 TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A			
1 GA-06G	15.0 a	25.5 a	5.0 b	2.5 a	23.5 c	5.0 a
4 TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A			
2 GA-18RU	5.8 a	17.5 a	8.8 a	2.5 a	23.5 c	7.5 a
4 TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A			
3 GA-16HO	16.5 a	27.8 a	1.3 c	5.0 a	27.8 a	5.0 a
4 TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A			

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Weed Code						
Crop Code						
Part Rated						
Rating Data Type	Stand	Stand	Stunting	Necrosis	Stand	Stunting
Rating Unit	#/5 ft	#/5ft	%	%	#/5ft	%
Rating Date	May-17-21	May-21-21	May-21-21	May-21-21	Jun-4-21	Jun-4-21
Trt-Eval Interval	9 DA-A	13 DA-A	13 DA-A	13 DA-A	27 DA-A	27 DA-A
Trt No.	1	2	3	4	5	6
Treatment Name						
Form Conc						
Form Type						
Rate						
Grow Unit						
Appl Stg						
Code						
LSD P=.10	3.65	3.54	2.84	2.06	2.98	1.87
Standard Deviation	2.98	2.88	2.32	1.68	2.43	1.52
CV	24.11	12.36	79.54	179.62	9.81	48.69

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 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	---	--	---	---	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	ARAHY	ARAHY
Part Rated	----	---	---	---	YIELD, -	CLEAN, -
Rating Data Type	Necrosis	Stunting	Necrosis	Lapping	DIRTY	YIELD
Rating Unit	%	%	%	%	LBS/PLOT	LBS/PLOT
Rating Date	Jun-4-21	Jul-1-21	Jul-1-21	Jul-1-21	Sep-28-21	Sep-28-21
Trt-Eval Interval	27 DA-A	54 DA-A	54 DA-A	54 DA-A	143 DA-A	143 DA-A
Trt Treatment No. Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	
TABLE OF R MEANS						
Replicate 1	2.1	0.8	0.0	16.3	21.5	21.0
Replicate 2	2.9	4.6	0.0	30.0	21.8	21.4
Replicate 3	1.7	0.8	0.0	22.1	21.3	20.9
Replicate 4	1.7	1.7	0.0	52.9	20.8	20.4
TABLE OF A (VARIETY) MEANS						
1 GA-06G	2.5 a	3.4 a	0.0 a	15.0 b	21.6 a	21.1 a
2 GA-18RU	2.2 a	1.9 a	0.0 a	26.6 b	22.1 a	21.7 a
3 GA-16HO	1.6 a	0.6 a	0.0 a	49.4 a	20.4 a	19.9 a
LSD P=.10	1.31	2.27	.	14.28	1.79	1.76
Standard Deviation	1.91	3.31	0.00	20.79	2.61	2.56
CV	91.65	167.10	0.00	68.58	12.22	12.22
TABLE OF B (TRIFLUDI RATE) MEANS						
1 NO TRIFLUDIMOXAZIN	0.0 b	0.0 b	0.0 a	39.2 a	21.7 a	21.2 a
2 TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A	0.8 b	0.0 b	0.0 a
3 TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A	1.3 b	3.3 a	0.0 a
4 TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A	6.3 a	4.6 a	0.0 a
LSD P=.10	2.16	3.30	.	16.30	1.73	1.70
Standard Deviation	2.89	4.42	0.00	21.79	2.31	2.27
CV	138.56	223.13	0.00	71.87	10.84	10.84
TABLE OF A (VARIETY) B (TRIFLUDI RATE) MEANS						
1 GA-06G	0.0 a	0.0 a	0.0 a	23.8 a	22.3 a	21.8 a
1 NO TRIFLUDIMOXAZIN						
2 GA-18RU	0.0 a	0.0 a	0.0 a	36.3 a	22.4 a	21.9 a
1 NO TRIFLUDIMOXAZIN						
3 GA-16HO	0.0 a	0.0 a	0.0 a	57.5 a	20.4 a	20.0 a
1 NO TRIFLUDIMOXAZIN						
1 GA-06G	0.0 a	0.0 a	0.0 a	16.3 a	21.2 a	20.8 a
2 TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A	1.3 a	0.0 a	0.0 a
2 GA-18RU	4.17 SC	0.685 oz/a	PRE A	1.3 a	0.0 a	0.0 a
2 TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A	1.3 a	0.0 a	0.0 a
3 GA-16HO	4.17 SC	0.685 oz/a	PRE A	1.3 a	0.0 a	0.0 a
2 TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE A	1.3 a	0.0 a	0.0 a
1 GA-06G	4.17 SC	1.03 oz/a	PRE A	2.5 a	7.5 a	0.0 a
3 TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A	1.3 a	2.5 a	0.0 a
2 GA-18RU	4.17 SC	1.03 oz/a	PRE A	1.3 a	2.5 a	0.0 a
3 TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A	1.3 a	2.5 a	0.0 a
3 GA-16HO	4.17 SC	1.03 oz/a	PRE A	0.0 a	0.0 a	0.0 a
3 TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE A	0.0 a	0.0 a	0.0 a
1 GA-06G	4.17 SC	2.06 oz/a	PRE A	7.5 a	6.3 a	0.0 a
4 TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A	6.3 a	5.0 a	0.0 a
2 GA-18RU	4.17 SC	2.06 oz/a	PRE A	6.3 a	5.0 a	0.0 a
4 TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A	6.3 a	5.0 a	0.0 a
3 GA-16HO	4.17 SC	2.06 oz/a	PRE A	5.0 a	2.5 a	0.0 a
4 TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE A	5.0 a	2.5 a	0.0 a

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	---	--	---	---	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	ARAHY	ARAHY
Part Rated	----	---	---	---	YIELD, -	CLEAN, -
Rating Data Type	Necrosis	Stunting	Necrosis	Lapping	DIRTY	YIELD
Rating Unit	%	%	%	%	LBS/PLOT	LBS/PLOT
Rating Date	Jun-4-21	Jul-1-21	Jul-1-21	Jul-1-21	Sep-28-21	Sep-28-21
Trt-Eval Interval	27 DA-A	54 DA-A	54 DA-A	54 DA-A	143 DA-A	143 DA-A
Trt No.	7	8	9	10	11	12
Treatment Name						
LSD P=.10	2.34	3.40	.	12.59	1.36	1.33
Standard Deviation	1.91	2.77	0.00	10.27	1.11	1.09
CV	91.65	140.18	0.00	33.88	5.20	5.20

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 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

	----- ARAHY MOISTURE % Sep-28-21 143 DA-A	----- ARAHY CLEAN, - YIELD LBS/A Sep-28-21 143 DA-A
Weed Code		
Crop Code		
Part Rated		
Rating Data Type		
Rating Unit		
Rating Date		
Trt-Eval Interval		
Trt Treatment No. Name	Form Form Conc Type Rate	Rate Grow Appl Unit Stg Code
TABLE OF R MEANS		
Replicate 1		
Replicate 2		
Replicate 3		
Replicate 4		
TABLE OF A (VARIETY) MEANS		
1 GA-06G		
2 GA-18RU		
3 GA-16HO		
LSD P=.10		
Standard Deviation		
CV		
TABLE OF B (TRIFLUDI RATE) MEANS		
1 NO TRIFLUDIMOXAZIN		
2 TRIFLUDIMOXAZIN 4.17 SC 0.685 oz/a PRE A		
3 TRIFLUDIMOXAZIN 4.17 SC 1.03 oz/a PRE A		
4 TRIFLUDIMOXAZIN 4.17 SC 2.06 oz/a PRE A		
LSD P=.10		
Standard Deviation		
CV		
TABLE OF A (VARIETY) B (TRIFLUDI RATE) MEANS		
1 GA-06G		
1 NO TRIFLUDIMOXAZIN		
2 GA-18RU		
1 NO TRIFLUDIMOXAZIN		
3 GA-16HO		
1 NO TRIFLUDIMOXAZIN		
1 GA-06G		
2 TRIFLUDIMOXAZIN 4.17 SC 0.685 oz/a PRE A		
2 GA-18RU		
2 TRIFLUDIMOXAZIN 4.17 SC 0.685 oz/a PRE A		
3 GA-16HO		
2 TRIFLUDIMOXAZIN 4.17 SC 0.685 oz/a PRE A		
1 GA-06G		
3 TRIFLUDIMOXAZIN 4.17 SC 1.03 oz/a PRE A		
2 GA-18RU		
3 TRIFLUDIMOXAZIN 4.17 SC 1.03 oz/a PRE A		
3 GA-16HO		
3 TRIFLUDIMOXAZIN 4.17 SC 1.03 oz/a PRE A		
1 GA-06G		
4 TRIFLUDIMOXAZIN 4.17 SC 2.06 oz/a PRE A		
2 GA-18RU		
4 TRIFLUDIMOXAZIN 4.17 SC 2.06 oz/a PRE A		
3 GA-16HO		
4 TRIFLUDIMOXAZIN 4.17 SC 2.06 oz/a PRE A		

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

University of Georgia

PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H)
 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval	----- ARAHY MOISTURE % Sep-28-21 143 DA-A	----- ARAHY CLEAN, - YIELD LBS/A Sep-28-21 143 DA-A
Trt Treatment No. Name	Form Form Conc Type Rate	Rate Grow Appl Unit Stg Code
LSD P=.10 Standard Deviation CV	. 0.000 0.000	377.2 307.6 5.2

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.

University of Georgia

PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H)
 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ----- Arahya --- Stand #/5 ft May-17-21 9 DA-A (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	1672.979167				
R	3	23.229167	7.743056	0.873	0.4735	
A	2	1176.041667	588.020833	22.195	0.0017	3.5
RA	6	158.958333	26.493056			
B	3	0.729167	0.243056	0.015	0.9974	3.0
RB	9	148.354167	16.483796			
AB	6	5.958333	0.993056	0.112	0.9938	3.7
RAB	18	159.708333	8.872685			

COMPLETE FACTORIAL AOV For ----- Arahya ---- Stand #/5ft May-21-21 13 DA-A (Data Column 2)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	1262.666667				
R	3	59.500000	19.833333	2.385	0.1031	
A	2	675.541667	337.770833	12.236	0.0076	3.6
RA	6	165.625000	27.604167			
B	3	19.500000	6.500000	0.407	0.7516	3.0
RB	9	143.666667	15.962963			
AB	6	49.125000	8.187500	0.984	0.4643	3.5
RAB	18	149.708333	8.317130			

COMPLETE FACTORIAL AOV For ----- Arahya --- Stunting % May-21-21 13 DA-A (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	991.666667				
R	3	54.166667	18.055556	3.355	0.0420	
A	2	326.041667	163.020833	9.884	0.0126	2.8
RA	6	98.958333	16.493056			
B	3	158.333333	52.777778	4.222	0.0403	2.6
RB	9	112.500000	12.500000			
AB	6	144.791667	24.131944	4.484	0.0060	2.8
RAB	18	96.875000	5.381944			

COMPLETE FACTORIAL AOV For ----- Arahya ---- Necrosis % May-21-21 13 DA-A (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	232.812500				
R	3	5.729167	1.909722	0.673	0.5794	
A	2	9.375000	4.687500	2.455	0.1664	0.9
RA	6	11.458333	1.909722			
B	3	93.229167	31.076389	5.536	0.0197	1.8
RB	9	50.520833	5.613426			
AB	6	11.458333	1.909722	0.673	0.6726	2.1
RAB	18	51.041667	2.835648			

COMPLETE FACTORIAL AOV For ---- Arahya --- Stand #/5ft Jun-4-21 27 DA-A (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	605.479167				
R	3	51.395833	17.131944	2.909	0.0629	
A	2	250.166667	125.083333	18.012	0.0029	1.8
RA	6	41.666667	6.944444			
B	3	17.729167	5.909722	0.991	0.4400	1.8
RB	9	53.687500	5.965278			
AB	6	84.833333	14.138889	2.401	0.0699	3.0
RAB	18	106.000000	5.888889			

COMPLETE FACTORIAL AOV For --- Arahya --- Stunting % Jun-4-21 27 DA-A (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	431.250000				
R	3	27.083333	9.027778	3.900	0.0262	
A	2	12.500000	6.250000	0.900	0.4552	1.8
RA	6	41.666667	6.944444			
B	3	210.416667	70.138889	8.189	0.0061	2.2
RB	9	77.083333	8.564815			
AB	6	20.833333	3.472222	1.500	0.2341	1.9
RAB	18	41.666667	2.314815			

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PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H)
 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For --- Arahya --- Necrosis % Jun-4-21 27 DA-A (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	491.666667				
R	3	12.500000	4.166667	1.143	0.3586	
A	2	7.291667	3.645833	1.000	0.4219	1.3
RA	6	21.875000	3.645833			
B	3	287.500000	95.833333	11.500	0.0020	2.2
RB	9	75.000000	8.333333			
AB	6	21.875000	3.645833	1.000	0.4552	2.3
RAB	18	65.625000	3.645833			

COMPLETE FACTORIAL AOV For -- Arahya --- Stunting % Jul-1-21 54 DA-A (Data Column 8)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	836.979167				
R	3	114.062500	38.020833	4.940	0.0112	
A	2	63.541667	31.770833	2.905	0.1311	2.3
RA	6	65.625000	10.937500			
B	3	197.395833	65.798611	3.374	0.0682	3.3
RB	9	175.520833	19.502315			
AB	6	82.291667	13.715278	1.782	0.1596	3.4
RAB	18	138.541667	7.696759			

COMPLETE FACTORIAL AOV For --- Arahya --- Necrosis % Jul-1-21 54 DA-A (Data Column 9)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	1.0000	
A	2	0.000000	0.000000	0.000	1.0000	
RA	6	0.000000	0.000000			
B	3	0.000000	0.000000	0.000	1.0000	
RB	9	0.000000	0.000000			
AB	6	0.000000	0.000000	0.000	1.0000	
RAB	18	0.000000	0.000000			

COMPLETE FACTORIAL AOV For --- Arahya --- Lapping % Jul-1-21 54 DA-A (Data Column 10)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	29370.312500				
R	3	9318.229167	3106.076389	29.442	0.0001	
A	2	9790.625000	4895.312500	11.329	0.0092	14.3
RA	6	2592.708333	432.118056			
B	3	1264.062500	421.354167	0.888	0.4836	16.3
RB	9	4271.354167	474.594907			
AB	6	234.375000	39.062500	0.370	0.8883	12.6
RAB	18	1898.958333	105.497685			

COMPLETE FACTORIAL AOV For ----- ARAHY YIELD DIRTY LBS/PLOT Sep-28-21 143 DA-A (Data Column 11)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	149.759792				
R	3	6.443958	2.147986	1.744	0.1939	
A	2	26.111667	13.055833	1.919	0.2268	1.8
RA	6	40.816667	6.802778			
B	3	2.392292	0.797431	0.149	0.9278	1.7
RB	9	48.196875	5.355208			
AB	6	3.628333	0.604722	0.491	0.8067	1.4
RAB	18	22.170000	1.231667			

COMPLETE FACTORIAL AOV For ----- ARAHY CLEAN YIELD LBS/PLOT Sep-28-21 143 DA-A (Data Column 12)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	143.829304				
R	3	6.188778	2.062926	1.744	0.1939	
A	2	25.077645	12.538822	1.919	0.2268	1.8
RA	6	39.200327	6.533388			
B	3	2.297557	0.765852	0.149	0.9278	1.7
RB	9	46.288279	5.143142			
AB	6	3.484651	0.580775	0.491	0.8067	1.3
RAB	18	21.292068	1.182893			

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PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H)
 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ----- ARAHY MOISTURE % Sep-28-21 143 DA-A (Data Column 13)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	90.986667				
R	3	0.000000	0.000000	0.000	1.0000	
A	2	90.986667	45.493333	0.000	1.0000	.
RA	6	0.000000	0.000000			
B	3	0.000000	0.000000	0.000	1.0000	.
RB	9	0.000000	0.000000			
AB	6	0.000000	0.000000	0.000	1.0000	.
RAB	18	0.000000	0.000000			

COMPLETE FACTORIAL AOV For ----- ARAHY CLEAN YIELD LBS/A Sep-28-21 143 DA-A (Data Column 14)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	10293304.653348				
R	3	496657.448019	165552.482673	1.749	0.1928	
A	2	775534.008464	387767.004232	0.735	0.5180	499
RA	6	3163379.012737	527229.835456			
B	3	182632.966232	60877.655411	0.148	0.9281	479
RB	9	3691134.621704	410126.069078			
AB	6	280605.593690	46767.598948	0.494	0.8043	377
RAB	18	1703361.002501	94631.166806			

PRM Data Type
 T1 = [11]*0.98
 TY2 = 290.4*[12]*(100-[13])/90

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

University of Georgia

PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H)
 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

					----- Arahy ----- Stand #/5 ft May-17-21 9 DA-A	----- Arahy ----- Stand #/5ft May-21-21 13 DA-A	----- Arahy ----- Stunting % May-21-21 13 DA-A	----- Arahy ----- Necrosis % May-21-21 13 DA-A	----- Arahy ----- Stand #/5ft Jun-4-21 27 DA-A					
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	1	2	3	4	5	
1	GA-06G NO TRIFLUDIMOXAZIN								101	20.0	29.0	0.0	0.0	26.0
									204	14.0	23.0	0.0	0.0	25.0
									302	15.0	26.0	0.0	0.0	28.0
									403	12.0	21.0	0.0	0.0	23.0
									Mean =	15.3	24.8	0.0	0.0	25.5
2	GA-06G TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		102	18.0	26.0	0.0	0.0	28.0	
									203	13.0	24.0	0.0	0.0	28.0
									304	13.0	24.0	0.0	0.0	25.0
									401	17.0	27.0	0.0	0.0	30.0
									Mean =	15.3	25.3	0.0	0.0	27.8
3	GA-06G TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		103	15.0	24.0	0.0	0.0	21.0	
									202	10.0	25.0	5.0	0.0	27.0
									301	21.0	23.0	0.0	0.0	23.0
									404	18.0	27.0	0.0	0.0	27.0
									Mean =	16.0	24.8	1.3	0.0	24.5
4	GA-06G TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A		104	22.0	25.0	5.0	0.0	26.0	
									201	18.0	30.0	5.0	5.0	25.0
									303	13.0	21.0	5.0	5.0	23.0
									402	7.0	26.0	5.0	0.0	20.0
									Mean =	15.0	25.5	5.0	2.5	23.5
5	GA-18RU NO TRIFLUDIMOXAZIN							105	6.0	19.0	0.0	0.0	25.0	
									208	8.0	17.0	0.0	0.0	23.0
									307	4.0	13.0	0.0	0.0	26.0
									406	2.0	20.0	0.0	0.0	21.0
									Mean =	5.0	17.3	0.0	0.0	23.8
6	GA-18RU TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		106	4.0	19.0	10.0	0.0	25.0	
									207	7.0	15.0	10.0	0.0	20.0
									308	3.0	13.0	10.0	0.0	16.0
									405	6.0	19.0	5.0	0.0	19.0
									Mean =	5.0	16.5	8.8	0.0	20.0
7	GA-18RU TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		107	6.0	20.0	10.0	0.0	22.0	
									206	3.0	19.0	20.0	0.0	23.0
									305	7.0	17.0	5.0	0.0	17.0
									408	7.0	29.0	0.0	0.0	16.0
									Mean =	5.8	21.3	8.8	0.0	19.5
8	GA-18RU TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A		108	6.0	17.0	15.0	5.0	25.0	
									205	10.0	19.0	10.0	0.0	26.0
									306	3.0	12.0	5.0	5.0	18.0
									407	4.0	22.0	5.0	0.0	25.0
									Mean =	5.8	17.5	8.8	2.5	23.5
9	GA-16HO NO TRIFLUDIMOXAZIN							109	19.0	28.0	0.0	0.0	27.0	
									212	10.0	26.0	0.0	0.0	29.0
									310	16.0	28.0	0.0	0.0	25.0
									411	22.0	28.0	0.0	0.0	27.0
									Mean =	16.8	27.5	0.0	0.0	27.0
10	GA-16HO TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		110	16.0	25.0	0.0	0.0	23.0	
									211	13.0	31.0	0.0	0.0	28.0
									309	20.0	30.0	0.0	0.0	27.0
									412	16.0	16.0	5.0	5.0	29.0
									Mean =	16.3	25.5	1.3	1.3	26.8

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PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H)
 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Weed Code					
Crop Code					
Part Rated					
Rating Data Type	Stand	Stand	Stunting	Necrosis	Stand
Rating Unit	#/5 ft	#/5ft	%	%	#/5ft
Rating Date	May-17-21	May-21-21	May-21-21	May-21-21	Jun-4-21
Trt-Eval Interval	9 DA-A	13 DA-A	13 DA-A	13 DA-A	27 DA-A
Trt Treatment	1	2	3	4	5
No. Name	1	2	3	4	5
11 GA-16HO					
TRIFLUDIMOXAZIN					
	14.0	25.0	0.0	0.0	27.0
	12.0	30.0	0.0	0.0	30.0
	17.0	24.0	0.0	0.0	25.0
	20.0	27.0	0.0	0.0	27.0
	Mean =	15.8	26.5	0.0	27.3
12 GA-16HO					
TRIFLUDIMOXAZIN					
	12.0	21.0	5.0	5.0	28.0
	17.0	31.0	0.0	10.0	29.0
	17.0	28.0	0.0	5.0	27.0
	20.0	31.0	0.0	0.0	27.0
	Mean =	16.5	27.8	1.3	27.8

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PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H)
 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	---	---	---	---	---	-----								
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY								
Part Rated	---	---	---	---	---	YIELD, -								
Rating Data Type	Stunting	Necrosis	Stunting	Necrosis	Lapping	DIRTY								
Rating Unit	%	%	%	%	%	LBS/PLOT								
Rating Date	Jun-4-21	Jun-4-21	Jul-1-21	Jul-1-21	Jul-1-21	Sep-28-21								
Trt-Eval Interval	27 DA-A	27 DA-A	54 DA-A	54 DA-A	54 DA-A	143 DA-A								
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	6	7	8	9	10	11
1	GA-06G NO TRIFLUDIMOXAZIN							101	0.0	0.0	0.0	0.0	5.0	20.6
								204	0.0	0.0	0.0	0.0	30.0	23.7
								302	0.0	0.0	0.0	0.0	10.0	23.3
								403	0.0	0.0	0.0	0.0	50.0	21.4
								Mean =	0.0	0.0	0.0	0.0	23.8	22.3
2	GA-06G TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		102	5.0	0.0	0.0	0.0	5.0	20.8
								203	0.0	0.0	0.0	0.0	20.0	20.3
								304	0.0	0.0	0.0	0.0	20.0	22.9
								401	5.0	0.0	0.0	0.0	20.0	20.8
								Mean =	2.5	0.0	0.0	0.0	16.3	21.2
3	GA-06G TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		103	5.0	0.0	10.0	0.0	0.0	19.4
								202	0.0	5.0	10.0	0.0	10.0	22.1
								301	0.0	0.0	0.0	0.0	10.0	21.8
								404	5.0	5.0	10.0	0.0	20.0	21.6
								Mean =	2.5	2.5	7.5	0.0	10.0	21.2
4	GA-06G TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A		104	5.0	5.0	0.0	0.0	15.0	23.9
								201	5.0	10.0	15.0	0.0	0.0	18.4
								303	5.0	10.0	0.0	0.0	10.0	22.0
								402	5.0	5.0	10.0	0.0	15.0	22.3
								Mean =	5.0	7.5	6.3	0.0	10.0	21.7
5	GA-18RU NO TRIFLUDIMOXAZIN							105	0.0	0.0	0.0	0.0	15.0	22.2
								208	0.0	0.0	0.0	0.0	55.0	24.9
								307	0.0	0.0	0.0	0.0	25.0	23.1
								406	0.0	0.0	0.0	0.0	50.0	19.2
								Mean =	0.0	0.0	0.0	0.0	36.3	22.4
6	GA-18RU TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		106	5.0	5.0	0.0	0.0	10.0	21.9
								207	0.0	0.0	0.0	0.0	20.0	22.0
								308	5.0	0.0	0.0	0.0	30.0	22.3
								405	0.0	0.0	0.0	0.0	40.0	20.7
								Mean =	2.5	1.3	0.0	0.0	25.0	21.7
7	GA-18RU TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		107	5.0	5.0	0.0	0.0	20.0	23.4
								206	5.0	0.0	10.0	0.0	15.0	22.8
								305	5.0	0.0	0.0	0.0	10.0	21.4
								408	5.0	0.0	0.0	0.0	50.0	21.3
								Mean =	5.0	1.3	2.5	0.0	23.8	22.2
8	GA-18RU TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A		108	5.0	5.0	0.0	0.0	30.0	25.0
								205	10.0	10.0	10.0	0.0	10.0	20.4
								306	10.0	5.0	10.0	0.0	5.0	24.1
								407	5.0	5.0	0.0	0.0	40.0	19.2
								Mean =	7.5	6.3	5.0	0.0	21.3	22.2
9	GA-16HO NO TRIFLUDIMOXAZIN							109	0.0	0.0	0.0	0.0	20.0	19.6
								212	0.0	0.0	0.0	0.0	85.0	21.9
								310	0.0	0.0	0.0	0.0	30.0	19.8
								411	0.0	0.0	0.0	0.0	95.0	20.4
								Mean =	0.0	0.0	0.0	0.0	57.5	20.4
10	GA-16HO TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		110	10.0	0.0	0.0	0.0	10.0	19.3
								211	0.0	0.0	0.0	0.0	60.0	22.9
								309	0.0	0.0	0.0	0.0	25.0	18.9
								412	5.0	5.0	0.0	0.0	75.0	20.3
								Mean =	3.8	1.3	0.0	0.0	42.5	20.4

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PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H)
 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					----- ARAHY CLEAN, - YIELD LBS/PLOT Sep-28-21 143 DA-A	----- ARAHY MOISTURE % Sep-28-21 143 DA-A	----- ARAHY CLEAN, - YIELD LBS/A Sep-28-21 143 DA-A	
Trt Treatment	Form Form	Rate	Grow	Appl				
No. Name	Conc Type		Unit	Stg	Code Plot	12	13	14
1 GA-06G NO TRIFLUDIMOXAZIN					101	20.2	13.50	5635
					204	23.2	13.50	6483
					302	22.8	13.50	6373
					403	21.0	13.50	5853
					Mean =	21.8	13.50	6086
2 GA-06G TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE	A	102	20.4	13.50	5689
					203	19.9	13.50	5553
					304	22.4	13.50	6264
					401	20.4	13.50	5689
					Mean =	20.8	13.50	5799
3 GA-06G TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE	A	103	19.0	13.50	5306
					202	21.7	13.50	6045
					301	21.4	13.50	5963
					404	21.2	13.50	5908
					Mean =	20.8	13.50	5806
4 GA-06G TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE	A	104	23.4	13.50	6537
					201	18.0	13.50	5033
					303	21.6	13.50	6018
					402	21.9	13.50	6100
					Mean =	21.2	13.50	5922
5 GA-18RU NO TRIFLUDIMOXAZIN					105	21.8	13.10	6100
					208	24.4	13.10	6842
					307	22.6	13.10	6348
					406	18.8	13.10	5276
					Mean =	21.9	13.10	6142
6 GA-18RU TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE	A	106	21.5	13.10	6018
					207	21.6	13.10	6045
					308	21.9	13.10	6128
					405	20.3	13.10	5688
					Mean =	21.3	13.10	5970
7 GA-18RU TRIFLUDIMOXAZIN	4.17 SC	1.03 oz/a	PRE	A	107	22.9	13.10	6430
					206	22.3	13.10	6265
					305	21.0	13.10	5880
					408	20.9	13.10	5853
					Mean =	21.8	13.10	6107
8 GA-18RU TRIFLUDIMOXAZIN	4.17 SC	2.06 oz/a	PRE	A	108	24.5	13.10	6870
					205	20.0	13.10	5606
					306	23.6	13.10	6622
					407	18.8	13.10	5276
					Mean =	21.7	13.10	6093
9 GA-16HO NO TRIFLUDIMOXAZIN					109	19.2	10.40	5553
					212	21.5	10.40	6205
					310	19.4	10.40	5610
					411	20.0	10.40	5780
					Mean =	20.0	10.40	5787
10 GA-16HO TRIFLUDIMOXAZIN	4.17 SC	0.685 oz/a	PRE	A	110	18.9	10.40	5468
					211	22.4	10.40	6488
					309	18.5	10.40	5355
					412	19.9	10.40	5752
					Mean =	19.9	10.40	5766

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PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H)
 WEED-FREE - YEAR 3
 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code				-----	-----	-----					
Crop Code				ARAHY	ARAHY	ARAHY					
Part Rated				CLEAN, -	MOISTURE	CLEAN, -					
Rating Data Type				YIELD	%	YIELD					
Rating Unit				LBS/PLOT		LBS/A					
Rating Date				Sep-28-21	Sep-28-21	Sep-28-21					
Trt-Eval Interval				143 DA-A	143 DA-A	143 DA-A					
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	12	13	14
11	GA-16HO TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		111	18.7	10.40	5412
								210	21.7	10.40	6262
								312	19.6	10.40	5667
								409	21.8	10.40	6290
								Mean =	20.4	10.40	5907
12	GA-16HO TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A		112	22.1	10.40	6375
								209	19.9	10.40	5752
								311	15.9	10.40	4590
								410	19.8	10.40	5723
								Mean =	19.4	10.40	5610

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PEANUT VARIETY RESPONSE TO TRIFLUDIMOXAZIN (BAS-850-01H) WEED-FREE - YEAR 3 Trial ID: PE-05-21 Study Dir.: LARRY NEWSOME/CHAD ABBOTT Location: PONDER FARM Investigator: Eric P. Prostko

<u>PRM Data Type</u> T1 = [11]*0.98 TY2 = 290.4*[12]*(100-[13])/90
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