

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: 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	Appl Unit	Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	GARLON PRE	3	AS	0.0 oz/a		A		-	101	210	308	411
2	GARLON 28 DAP	3	AS	0.0 oz/a		B		-	102	207	312	403
3	GARLON 56 DAP	3	AS	0.0 oz/a		C		-	103	202	304	401
4	GARLON PRE	3	AS	0.32 oz/a		A	0.25 mL/mx	1499.8 mL	104	208	311	405
5	GARLON 28 DAP	3	AS	0.32 oz/a		B	0.25 mL/mx	1499.8 mL	105	203	302	410
6	GARLON 56 DAP	3	AS	0.32 oz/a		C	0.25 mL/mx	1499.8 mL	106	204	305	409
7	GARLON PRE	3	AS	3.2 oz/a		A	2.5 mL/mx	1497.5 mL	107	205	306	408
8	GARLON 28 DAP	3	AS	3.2 oz/a		B	2.5 mL/mx	1497.5 mL	108	206	303	407
9	GARLON 56 DAP	3	AS	3.2 oz/a		C	2.5 mL/mx	1497.5 mL	109	211	307	402
10	GARLON PRE	3	AS	32 oz/a		A	25.0 mL/mx	1475 mL	110	212	301	406
11	GARLON 28 DAP	3	AS	32 oz/a		B	25.0 mL/mx	1475 mL	111	209	310	404
12	GARLON 56 DAP	3	AS	32 oz/a		C	25.0 mL/mx	1475 mL	112	201	309	412

Sort Order: Treatment

Trial Comments

MAINTAINED WEED-FREE

STRONGARM @ 0.45 OZ/A + VALOR @ 3 OZ/A + PROWL H20 @ 32 OZ/A - APRIL 28
SELECT MAX @ 16 OZ/A + NIS - JUNE 1
SELECT MAX @ 10 OZ/A + NIS - JUNE 18
WARRANT @ 3 PT/A - JULY 1
SELECT MAX @ 12 OZ/A + NIS - JULY 13

PLOTS 101, 201, 301, 401 THIMET PROBLEMS?

DIGGING DATE: SEPTEMBER 21
HARVEST DATE: OCTOBER 1
HARVEST MOISTURE: 12.7%
YIELDS ADJUSTED TO 10%
2% YIELD DEDUCTION FOR FM (ROCKS, STEMS, LEAVES, ETC.)

SUMMARY:

1) PRE APPLICATIONS OF TRICLOPYR @ 32 OZ/A CAUSED SIGNIFICANT REDUCTIONS IN PEANUT PLANT STAND AND SIGNIFICANT INCREASES IN PEANUT STUNTING 16 DAYS AFTER APPLICATION.

2) APPLICATIONS OF TRICLOPYR AT 28 DAP AT 3.2 OZ/A AND 32 OZ/A CAUSED SIGNIFICANT PEANUT EPINASTY SYMPTOMS.

3) ON JUNE 29 (63 DAP), THE FOLLOWING TREATMENTS RESULTED IN SIGNIFICANT VISUAL PEANUT STUNTING:

PRE @ 32 OZ/A = 30% STUNTING
28 DAP @ 3.2 OZ/A = 10% STUNTING

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28 DAP 32 OZ/A = 65% STUNTING
56 DAP @ 32 OZ/A = 16% STUNTING

4) FOR PEANUT PLANT HEIGHTS ON JULY 2 (66 DAP), THE FOLLOWING WAS OBSERVED:

*PEANUT HEIGHT REDUCTIONS OCCURRED WITH THE FOLLOWING TREATMENTS: 3.2 OZ/A AND 32 OZ/A APPLIED PRE AND 28 DAP, AND 32 OZ/A APPLIED 56 DAP.

5) FOR PEANUT PLANT WIDTHS ON JULY 2 (66 DAP), THE FOLLOWING WAS OBSERVED:

*PEANUT WIDTH REDUCTIONS OCCURRED WITH THE FOLLOWING TREATMENTS: 32 OZ/A APPLIED PRE, 3.2 OZ/A AND 32 OZ/A APPLIED 28 DAP, AND 0.32 OZ/A AND 3.2 OZ/A AND 32 OZ/A APPLIED 56 DAP.

6) FOR PEANUT PLANT HEIGHTS ON JULY 27 (91 DAP), THE FOLLOWING WAS OBSERVED:

*PEANUT HEIGHT REDUCTIONS OCCURRED WITH THE FOLLOWING TREATMENTS: 32 OZ/A APPLIED PRE, 3.2 OZ/A AND 32 OZ/A APPLIED 28 DAP, AND 32 OZ/A APPLIED 56 DAP.

7) FOR PEANUT PLANT WIDTHS ON JULY 27 (91 DAP), THE FOLLOWING WAS OBSERVED:

*PEANUT WIDTH REDUCTIONS OCCURRED WITH THE FOLLOWING TREATMENTS: 32 OZ/A APPLIED 28 DAP AND 56 DAP.

8) FOR PEANUT PLANT HEIGHTS ON AUGUST 17 (112 DAP), THE FOLLOWING WAS OBSERVED:

* PEANUT HEIGHTS ONLY REDUCED BY 32 OZ/A APPLIED AT ALL TIMINGS.

9) FOR PEANUT PLANT WIDTHS ON AUGUST 17 (112 DAP), THE FOLLOWING WAS OBSERVED:

* PEANUT WIDTH ONLY REDUCED BY 32 OZ/A APPLIED 56 DAP.

10) FOR PEANUT YIELD LOSS (%), THERE WAS A SIGNIFICANT INTERACTION BETWEEN TIME OF APPLICATION AND TRICLOPYR RATE (P=0.0001).

*FOR THE PRE TIMINGS, ONLY TRICLOPYR AT 32 OZ/A CAUSED A SIGNIFICANT YIELD LOSS (14%).

**FOR THE 28 DAP TIMING, ALL RATES OF TRICLOPYR CAUSED SIGNIFICANT YIELD LOSSES AS FOLLOWS: 32 OZ/A (50.4%) > 3.2 OZ/A (11.6%) = 0.32 OZ/A (9.5%).

***FOR THE 56 DAP TIMING, ONLY TRICLOPYR AT 32 OZ/A CAUSED A SIGNIFICANT YIELD LOSS (54.6%).

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Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: CHAD 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. _____ **2.** _____

Crop 1: ARAHY PEANUT **Variety:** GA-06G **Planting Date:** Apr-27-20
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: _____ **Study Design:** FACTOR
Tillage Type: CONVENTIONAL
Trial Initiation Comments: 1 TON/A LIME PREPLANT; 300 LBS/A 5-15-30 PREPLANT;
 RANCONA SEED TRT; 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
1.	_____	_____	_____	_____	_____	_____	_____

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.65 **% Sand:** 92 **% Silt:** 4 **% Clay:** 4
pH: 6.0 **CEC:** 2.5 **Soil Name:** FUQUAY **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1.	Apr-30-20	_____	0.9	IN RAINFALL	_____	_____
2.	May-5-20	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
3.	May-7-20	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
4.	May-13-20	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
5.	May-14-20	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
6.	May-17-20	_____	0.11	IN RAINFALL	_____	_____
7.	May-20-20	_____	1.3	IN RAINFALL	_____	_____
8.	May-22-20	_____	1.2	IN RAINFALL	_____	_____
9.	May-26-20	_____	0.26	IN RAINFALL	_____	_____
10.	May-28-20	_____	0.41	IN RAINFALL	_____	_____
11.	May-29-20	_____	0.19	IN RAINFALL	_____	_____
12.	Jun-6-20	_____	0.07	IN RAINFALL	_____	_____
13.	Jun-7-20	_____	0.59	IN RAINFALL	_____	_____
14.	Jun-9-20	_____	0.15	IN RAINFALL	_____	_____
15.	Jun-12-20	_____	2.67	IN RAINFALL	_____	_____
16.	Jun-22-20	_____	0.61	IN RAINFALL (PM)	_____	_____
17.	Jun-24-20	_____	0.65	IN SPRINKLER - LATERAL MOVE	_____	_____
18.	Jun-29-20	_____	0.65	IN SPRINKLER - LATERAL MOVE	_____	_____
19.	Jul-5-20	_____	0.5	IN RAINFALL	_____	_____
20.	Jul-6-20	_____	0.5	IN RAINFALL	_____	_____
21.	_____	_____	_____	_____	_____	_____

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 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:	Apr-28-20	May-25-20	Jun-22-20			
Time of Day:	7:30 AM	7:00 AM	6:45 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	28 DAP	56 DAP			
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE			
Air Temp., Unit:	56 F	73 F	71 F			
% Relative Humidity:	86	91	91			
Wind Velocity, Unit:	1 MPH	1 MPH	1 MPH			
Dew Presence (Y/N):	Y	Y	Y			
Water Hardness:	--	--	--			
Soil Temp., Unit:	62 F	75 F	83 F			
Soil Moisture:	OPTIMUM	WET	DRY			
% Cloud Cover:	0	100	0			
	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:						
	M	N	O	P	Q	R
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		3"T;4"W	R3			
Stage Scale:		V4-V5	TWINS LAP			
Height, Unit:			6 IN			
	G	H	I	J	K	L
Crop 1 Stage:						
Stage Scale:						
Height, Unit:						
	M	N	O	P	Q	R
Crop 1 Stage:						
Stage Scale:						
Height, Unit:						

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)							
Trial ID: PE-03-200		Study Dir.: CHAD ABBOTT					
Location: PONDER FARM		Investigator: Eric P. Prostko					
WEED STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Weed 1	Stage:						
	Stage Scale:						
	Density, Unit:						
		G	H	I	J	K	L
Weed 1	Stage:						
	Stage Scale:						
	Density, Unit:						
		M	N	O	P	Q	R
Weed 1	Stage:						
	Stage Scale:						
	Density, Unit:						

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 Location: PONDER FARM Investigator: Eric P. Prostko

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME		SAME			
Operating Pressure:	42						
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):	-	-		-	-	-	-
		M	N	O	P	Q	R
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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Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT Location: PONDER FARM Investigator: Eric P. Prostko						
Weed Code	Arahy	Arahy	----- Arahy Plant -	----- Arahy Plant -	----- Arahy Plant -	----- Arahy
Crop Code	Stand	Stand	Stand	Stand	Stand	Stunting
Part Rated	#/5 ft	#/5 ft	#/5 ft	#/5 ft	#/5 ft	Percent
Rating Data Type	May-6-20	May-6-20	May-11-20	May-11-20	May-14-20	May-14-20
Rating Unit		TS[1]		TS[3]		
Rating Date		- 1		- 1		
PRM Data Type						
# Subsamples, Dec.						
Trt Treatment Form Form Rate Appl						
No. Name Conc Type Rate Unit Code	1	2	3	4	5	6
TABLE OF R MEANS						
Replicate 1	4.4	4.1	15.8	15.5	18.9	4.6
Replicate 2	3.1	2.7	19.2	18.9	19.7	4.6
Replicate 3	2.8	2.3	19.0	18.8	18.8	3.3
Replicate 4	2.8	2.3	17.3	16.9	19.3	4.6
TABLE OF A (RATE) MEANS						
1 GARLON 3 AS 0.0 oz/a	4.5 a	4.2 a	21.5 a	21.4 a	20.8 a	0.0 b
2 GARLON 3 AS 0.32 oz/a	4.0 a	3.7 a	17.1 b	16.9 b	18.6 b	0.4 b
3 GARLON 3 AS 3.2 oz/a	2.5 b	2.2 b	16.8 b	16.6 b	19.1 ab	0.8 b
4 GARLON 3 AS 32 oz/a	2.1 b	1.6 b	15.9 b	15.4 b	18.2 b	15.8 a
LSD P=.10	1.28	1.02 - 1.27	2.39	2.32 - 2.55	1.76	1.26
Standard Deviation	1.72	0.43t	3.20	0.37t	2.35	1.68
CV	52.48	23.34t	17.95	8.83t	12.26	39.43
TABLE OF B (TIME OF APPLICATION) MEANS						
1 PRE A	2.3 a	1.8 a	16.2 a	15.7 a	17.9 b	12.8 a
2 28 DAP B	3.4 a	3.0 a	18.6 a	18.5 a	19.9 a	0.0 b
3 56 DAP C	4.1 a	3.9 a	18.6 a	18.5 a	19.7 a	0.0 b
LSD P=.10	2.34	2.09 - 2.09	2.74	2.62 - 2.63	1.25	1.49
Standard Deviation	3.41	0.85t	3.99	0.46t	1.82	2.17
CV	104.21	46.40t	22.39	10.75t	9.52	50.69
TABLE OF A (RATE) B (TIME OF APPLICATION) MEANS						
1 GARLON 3 AS 0.0 oz/a	4.8 a	4.4 a	21.8 a	21.7 a	19.8 ab	0.0 c
1 PRE A						
2 GARLON 3 AS 0.32 oz/a	2.5 a	2.3 a	19.0 ab	18.7 a-d	20.3 ab	1.3 bc
1 PRE A						
3 GARLON 3 AS 3.2 oz/a	1.8 a	1.5 a	15.0 c	14.9 e	18.0 ab	2.5 b
1 PRE A						
4 GARLON 3 AS 32 oz/a	0.0 a	0.0 a	9.0 d	8.9 f	13.5 c	47.5 a
1 PRE A						
1 GARLON 3 AS 0.0 oz/a	3.8 a	3.5 a	21.3 a	21.1 ab	21.5 a	0.0 c
2 28 DAP B						
2 GARLON 3 AS 0.32 oz/a	4.8 a	4.5 a	15.8 c	15.7 de	18.0 ab	0.0 c
2 28 DAP B						
3 GARLON 3 AS 3.2 oz/a	3.0 a	2.5 a	18.0 bc	17.9 b-e	18.8 ab	0.0 c
2 28 DAP B						
4 GARLON 3 AS 32 oz/a	2.3 a	1.9 a	19.5 ab	19.5 abc	21.5 a	0.0 c
2 28 DAP B						
1 GARLON 3 AS 0.0 oz/a	5.0 a	4.6 a	21.5 a	21.3 a	21.3 a	0.0 c
3 56 DAP C						
2 GARLON 3 AS 0.32 oz/a	4.8 a	4.6 a	16.5 bc	16.5 cde	17.5 b	0.0 c
3 56 DAP C						
3 GARLON 3 AS 3.2 oz/a	2.8 a	2.6 a	17.3 bc	17.1 cde	20.5 ab	0.0 c
3 56 DAP C						
4 GARLON 3 AS 32 oz/a	4.0 a	3.7 a	19.3 ab	19.1 abc	19.5 ab	0.0 c
3 56 DAP C						

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

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

t=Mean descriptions are reported in transformed data units, and are not de-transformed.

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Weed Code	Arahy	Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Crop Code			Plant -	Plant -	Plant -	Plant -
Part Rated			Stand	Stand	Stand	Stand
Rating Data Type	Stand	Stand	Stand	Stand	Stand	Stunting
Rating Unit	#/5 ft	#/5 ft	#/5 ft	#/5 ft	#/5 ft	Percent
Rating Date	May-6-20	May-6-20	May-11-20	May-11-20	May-14-20	May-14-20
PRM Data Type		TS[1]		TS[3]		
# Subsamples, Dec.		- 1		- 1		
Trt Treatment Form Form Rate Appl						
No. Name Conc Type Rate Unit Code	1	2	3	4	5	6
LSD P=.10	2.39	2.13 - 2.42	3.19	2.36 - 3.29	3.67	2.06
Standard Deviation	1.95	0.50t	2.60	0.30t	2.99	1.68
CV	59.55	27.68t	14.59	6.98t	15.61	39.43

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

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Weed Code	----	----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -
Rating Data Type	Stunting	Epinasty	Stunting	Epinasty	Stunting	Epinasty
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	May-28-20	May-28-20	Jun-4-20	Jun-4-20	Jun-15-20	Jun-15-20
PRM Data Type						
# Subsamples, Dec.						
Trt Treatment Form Form Rate Appl						
No. Name Conc Type Rate Unit Code	7	8	9	10	11	12
TABLE OF R MEANS						
Replicate 1	6.3	6.7	7.1	1.3	12.9	0.0
Replicate 2	5.4	6.7	6.7	0.8	11.7	0.0
Replicate 3	4.2	6.7	7.5	2.5	11.3	0.8
Replicate 4	6.7	7.5	5.8	1.3	12.1	0.0
TABLE OF A (RATE) MEANS						
1 GARLON 3 AS 0.0 oz/a	0.0 c	0.0 c	0.0 c	0.0 b	0.0 d	0.0 a
2 GARLON 3 AS 0.32 oz/a	2.1 b	0.4 c	1.7 c	0.0 b	3.3 c	0.0 a
3 GARLON 3 AS 3.2 oz/a	3.3 b	2.1 b	6.7 b	0.4 b	7.9 b	0.0 a
4 GARLON 3 AS 32 oz/a	17.1 a	25.0 a	18.8 a	5.4 a	36.7 a	0.8 a
LSD P=.10	1.48	0.62	2.75	1.30	2.75	1.08
Standard Deviation	1.98	0.83	3.67	1.73	3.67	1.44
CV	35.27	12.12	54.23	118.95	30.65	692.82
TABLE OF B (TIME OF APPLICATION) MEANS						
1 PRE A	14.1 a	0.3 b	8.4 b	0.0 b	14.4 b	0.0 a
2 28 DAP B	2.8 b	20.3 a	11.9 a	4.4 a	21.6 a	0.6 a
3 56 DAP C	0.0 c	0.0 b	0.0 c	0.0 b	0.0 c	0.0 a
LSD P=.10	2.27	0.50	2.70	1.72	3.20	0.99
Standard Deviation	3.31	0.72	3.93	2.50	4.66	1.44
CV	58.79	10.50	58.06	171.43	38.89	692.82
TABLE OF A (RATE) B (TIME OF APPLICATION) MEANS						
1 GARLON 3 AS 0.0 oz/a	0.0 c	0.0 c	0.0 d	0.0 b	0.0 e	0.0 a
1 PRE A						
2 GARLON 3 AS 0.32 oz/a	3.8 b	1.3 c	2.5 cd	0.0 b	6.3 d	0.0 a
1 PRE A						
3 GARLON 3 AS 3.2 oz/a	5.0 b	0.0 c	5.0 c	0.0 b	6.3 d	0.0 a
1 PRE A						
4 GARLON 3 AS 32 oz/a	47.5 a	0.0 c	26.3 a	0.0 b	45.0 b	0.0 a
1 PRE A						
1 GARLON 3 AS 0.0 oz/a	0.0 c	0.0 c	0.0 d	0.0 b	0.0 e	0.0 a
2 28 DAP B						
2 GARLON 3 AS 0.32 oz/a	2.5 bc	0.0 c	2.5 cd	0.0 b	3.8 de	0.0 a
2 28 DAP B						
3 GARLON 3 AS 3.2 oz/a	5.0 b	6.3 b	15.0 b	1.3 b	17.5 c	0.0 a
2 28 DAP B						
4 GARLON 3 AS 32 oz/a	3.8 b	75.0 a	30.0 a	16.3 a	65.0 a	2.5 a
2 28 DAP B						
1 GARLON 3 AS 0.0 oz/a	0.0 c	0.0 c	0.0 d	0.0 b	0.0 e	0.0 a
3 56 DAP C						
2 GARLON 3 AS 0.32 oz/a	0.0 c	0.0 c	0.0 d	0.0 b	0.0 e	0.0 a
3 56 DAP C						
3 GARLON 3 AS 3.2 oz/a	0.0 c	0.0 c	0.0 d	0.0 b	0.0 e	0.0 a
3 56 DAP C						
4 GARLON 3 AS 32 oz/a	0.0 c	0.0 c	0.0 d	0.0 b	0.0 e	0.0 a
3 56 DAP C						

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

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

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----	----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -
Rating Data Type	Stunting	Epinasty	Stunting	Epinasty	Stunting	Epinasty
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	May-28-20	May-28-20	Jun-4-20	Jun-4-20	Jun-15-20	Jun-15-20
PRM Data Type						
# Subsamples, Dec.						
Trt Treatment Form Form Rate Appl						
No. Name Conc Type Rate Unit Code	7	8	9	10	11	12
LSD P=.10	2.78	1.35	4.89	2.13	5.10	1.77
Standard Deviation	2.27	1.10	3.99	1.73	4.16	1.44
CV	40.35	16.03	58.92	118.95	34.72	692.82

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

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)							
Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT 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.	---- Arahy Plant - Stunting Percent Jun-29-20	---- Arahy Plant - Epinasty Percent Jun-29-20	---- Arahy Plant - Lapping Percent Jun-29-20	----- Arahy Plant - Ht 1 Inches Jul-2-20	---- Arahy Plant - Ht 2 Inches Jul-2-20	----- Arahy Plant - Ht 3 Inches Jul-2-20	----- Arahy Plant - Ht 4 Inches Jul-2-20
Trt Treatment Form Form Rate Appl No. Name Conc Type Rate Unit Code	13	14	15	16	17	18	19
TABLE OF R MEANS							
Replicate 1	10.8	0.8	1.7	7.58	8.17	8.08	8.08
Replicate 2	12.1	0.4	5.0	7.92	7.71	7.75	8.08
Replicate 3	10.4	0.8	9.2	7.96	7.96	8.04	8.17
Replicate 4	11.3	0.8	4.2	7.92	7.75	7.71	7.50
TABLE OF A (RATE) MEANS							
1 GARLON 3 AS 0.0 oz/a	0.0 c	0.0 b	12.1 a	8.71 a	9.08 a	8.67 a	8.96 a
2 GARLON 3 AS 0.32 oz/a	2.1 c	0.0 b	5.0 b	8.46 a	8.46 ab	8.33 ab	8.50 ab
3 GARLON 3 AS 3.2 oz/a	5.4 b	0.0 b	2.1 b	8.29 a	7.88 b	8.08 b	8.17 b
4 GARLON 3 AS 32 oz/a	37.1 a	2.9 a	0.8 b	5.92 b	6.17 c	6.50 c	6.21 c
LSD P=.10	2.70	0.54	6.54	0.728	0.903	0.372	0.638
Standard Deviation	3.61	0.72	8.74	0.972	1.207	0.498	0.853
CV	32.37	98.97	174.80	12.394	15.282	6.303	10.713
TABLE OF B (TIME OF APPLICATION) MEANS							
1 PRE A	8.8 b	0.0 b	6.3 a	8.28 a	8.00 a	7.94 a	7.94 a
2 28 DAP B	19.4 a	0.0 b	4.4 a	7.19 b	7.75 a	7.50 a	7.84 a
3 56 DAP C	5.3 c	2.2 a	4.4 a	8.06 a	7.94 a	8.25 a	8.09 a
LSD P=.10	3.35	0.50	5.06	0.691	0.451	0.733	0.811
Standard Deviation	4.88	0.72	7.36	1.006	0.656	1.067	1.181
CV	43.76	98.97	147.20	12.826	8.310	13.516	14.836
TABLE OF A (RATE) B (TIME OF APPLICATION) MEANS							
1 GARLON 3 AS 0.0 oz/a	0.0 e	0.0 b	13.8 a	9.13 a	8.75 ab	8.75 a	9.00 ab
1 PRE A							
2 GARLON 3 AS 0.32 oz/a	1.3 e	0.0 b	7.5 a	8.88 a	8.50 ab	8.38 a	8.50 a-d
1 PRE A							
3 GARLON 3 AS 3.2 oz/a	3.8 e	0.0 b	3.8 a	8.75 a	8.38 ab	7.63 a	7.75 de
1 PRE A							
4 GARLON 3 AS 32 oz/a	30.0 b	0.0 b	0.0 a	6.38 a	6.38 d	7.00 a	6.50 f
1 PRE A							
1 GARLON 3 AS 0.0 oz/a	0.0 e	0.0 b	11.3 a	7.75 a	9.25 a	8.25 a	9.38 a
2 28 DAP B							
2 GARLON 3 AS 0.32 oz/a	2.5 e	0.0 b	6.3 a	8.25 a	8.63 ab	8.63 a	8.88 abc
2 28 DAP B							
3 GARLON 3 AS 3.2 oz/a	10.0 d	0.0 b	0.0 a	8.00 a	8.00 bc	7.75 a	8.00 cd
2 28 DAP B							
4 GARLON 3 AS 32 oz/a	65.0 a	0.0 b	0.0 a	4.75 a	5.13 e	5.38 a	5.13 g
2 28 DAP B							
1 GARLON 3 AS 0.0 oz/a	0.0 e	0.0 b	11.3 a	9.25 a	9.25 a	9.00 a	8.50 a-d
3 56 DAP C							
2 GARLON 3 AS 0.32 oz/a	2.5 e	0.0 b	1.3 a	8.25 a	8.25 b	8.00 a	8.13 bcd
3 56 DAP C							
3 GARLON 3 AS 3.2 oz/a	2.5 e	0.0 b	2.5 a	8.13 a	7.25 cd	8.88 a	8.75 abc
3 56 DAP C							
4 GARLON 3 AS 32 oz/a	16.3 c	8.8 a	2.5 a	6.63 a	7.00 d	7.13 a	7.00 ef
3 56 DAP C							

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----	----	----	-----	----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -
Rating Data Type	Stunting	Epinasty	Lapping	Ht 1	Ht 2	Ht 3	Ht 4
Rating Unit	Percent	Percent	Percent	Inches	Inches	Inches	Inches
Rating Date	Jun-29-20	Jun-29-20	Jun-29-20	Jul-2-20	Jul-2-20	Jul-2-20	Jul-2-20
PRM Data Type							
# Subsamples, Dec.							
Trt Treatment Form Form Rate Appl							
No. Name Conc Type Rate Unit Code	13	14	15	16	17	18	19
LSD P=.10	5.03	0.88	8.79	1.147	0.901	1.020	0.911
Standard Deviation	4.10	0.72	7.17	0.936	0.734	0.832	0.743
CV	36.82	98.97	143.37	11.930	9.301	10.536	9.332

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)							
Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT Location: PONDER FARM Investigator: Eric P. Prostko							
Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	Twin -	Twin -	Twin -	Twin -	Twin -
Rating Data Type	Ht 5	hgt-avg	Width1	Width2	Width3	Width4	Width5
Rating Unit	Inches	Inches	In	In	In	In	In
Rating Date	Jul-2-20	Jul-2-20	Jul-2-20	Jul-2-20	Jul-2-20	Jul-9-20	Jul-2-20
PRM Data Type		T1					
# Subsamples, Dec.		- 1					
Trt Treatment Form Form Rate Appl							
No. Name Conc Type Rate Unit Code	20	21	22	23	24	25	26
TABLE OF R MEANS							
Replicate 1	8.25	8.0	23.00	23.17	24.08	25.00	24.33
Replicate 2	7.63	7.8	24.25	24.50	24.67	24.38	25.25
Replicate 3	8.08	8.0	25.75	24.00	24.38	24.96	24.17
Replicate 4	7.79	7.7	24.29	24.25	23.75	23.54	24.29
TABLE OF A (RATE) MEANS							
1 GARLON 3 AS 0.0 oz/a	8.46 a	8.8 a	27.75 a	26.00 a	26.92 a	26.79 a	27.50 a
2 GARLON 3 AS 0.32 oz/a	8.63 a	8.5 ab	25.92 b	24.25 b	24.83 ab	26.54 a	26.00 ab
3 GARLON 3 AS 3.2 oz/a	8.21 a	8.1 b	24.38 c	25.67 a	24.42 b	24.50 b	24.17 b
4 GARLON 3 AS 32 oz/a	6.46 b	6.3 c	19.25 d	20.00 c	20.71 c	20.04 c	20.38 c
LSD P=.10	0.671	0.49	1.439	1.371	2.423	1.707	1.896
Standard Deviation	0.896	0.65	1.923	1.831	3.238	2.281	2.534
CV	11.291	8.21	7.908	7.638	13.368	9.323	10.339
TABLE OF B (TIME OF APPLICATION) MEANS							
1 PRE A	8.06 a	8.0 a	25.44 a	24.59 a	25.00 a	25.09 a	25.56 a
2 28 DAP B	7.53 a	7.6 a	22.81 b	23.03 a	22.97 b	23.44 b	23.72 b
3 56 DAP C	8.22 a	8.1 a	24.72 ab	24.31 a	24.69 a	24.88 a	24.25 b
LSD P=.10	0.565	0.51	1.956	1.955	1.553	0.598	0.932
Standard Deviation	0.822	0.74	2.848	2.846	2.261	0.871	1.357
CV	10.353	9.32	11.708	11.868	9.336	3.560	5.537
TABLE OF A (RATE) B (TIME OF APPLICATION) MEANS							
1 GARLON 3 AS 0.0 oz/a	9.00 a	8.9 a	27.75 ab	25.25 a	26.25 ab	26.00 ab	27.38 ab
1 PRE A							
2 GARLON 3 AS 0.32 oz/a	8.13 a	8.5 abc	26.00 abc	25.00 a	26.00 ab	27.13 a	26.50 ab
1 PRE A							
3 GARLON 3 AS 3.2 oz/a	8.38 a	8.2 bc	25.00 bcd	26.00 a	26.25 ab	26.50 ab	25.50 abc
1 PRE A							
4 GARLON 3 AS 32 oz/a	6.75 a	6.6 d	23.00 d	22.13 b	21.50 c	20.75 d	22.88 cd
1 PRE A							
1 GARLON 3 AS 0.0 oz/a	8.00 a	8.5 abc	27.25 ab	25.50 a	27.25 a	28.13 a	28.38 a
2 28 DAP B							
2 GARLON 3 AS 0.32 oz/a	8.88 a	8.7 ab	25.50 a-d	25.25 a	24.50 abc	26.00 ab	27.00 ab
2 28 DAP B							
3 GARLON 3 AS 3.2 oz/a	8.00 a	8.0 c	23.75 cd	26.00 a	23.75 bc	23.00 cd	22.50 cd
2 28 DAP B							
4 GARLON 3 AS 32 oz/a	5.25 a	5.1 e	14.75 f	15.38 c	16.38 d	16.63 e	17.00 e
2 28 DAP B							
1 GARLON 3 AS 0.0 oz/a	8.38 a	8.9 a	28.25 a	27.25 a	27.25 a	26.25 ab	26.75 ab
3 56 DAP C							
2 GARLON 3 AS 0.32 oz/a	8.88 a	8.3 abc	26.25 abc	22.50 b	24.00 bc	26.50 ab	24.50 bc
3 56 DAP C							
3 GARLON 3 AS 3.2 oz/a	8.25 a	8.3 abc	24.38 cd	25.00 a	23.25 bc	24.00 bc	24.50 bc
3 56 DAP C							
4 GARLON 3 AS 32 oz/a	7.38 a	7.0 d	20.00 e	22.50 b	24.25 abc	22.75 cd	21.25 d
3 56 DAP C							

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	Twin -	Twin -	Twin -	Twin -	Twin -
Rating Data Type	Ht 5	hgt-avg	Width1	Width2	Width3	Width4	Width5
Rating Unit	Inches	Inches	In	In	In	In	In
Rating Date	Jul-2-20	Jul-2-20	Jul-2-20	Jul-2-20	Jul-2-20	Jul-9-20	Jul-2-20
PRM Data Type		T1					
# Subsamples, Dec.		- 1					
Trt Treatment Form Form Rate Appl							
No. Name Conc Type Rate Unit Code	20	21	22	23	24	25	26
LSD P=.10	1.452	0.69	2.813	2.491	3.171	2.908	3.110
Standard Deviation	1.184	0.57	2.294	2.031	2.586	2.372	2.536
CV	14.918	7.16	9.431	8.472	10.677	9.692	10.347

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)							
Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT 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.	----- Arahy Twin - avg-wdth In Jul-2-20 T2 - 1	----- Arahy Plant - Stunting Percent Jul-23-20	----- Arahy Leaf - Chlorosi Percent Jul-23-20	----- Arahy Plant - Hgt1 In Jul-27-20	----- Arahy Plant - Hgt2 In Jul-27-20	----- Arahy Plant - Hgt3 In Jul-27-20	----- Arahy Plant - Hgt4 In Jul-27-20
Trt Treatment Form Form Rate Appl No. Name Conc Type Rate Unit Code	27	28	29	30	31	32	33
TABLE OF R MEANS							
Replicate 1	23.9	9.6	3.3	11.6	11.2	10.9	11.3
Replicate 2	24.6	10.0	3.3	10.8	11.2	11.1	11.0
Replicate 3	24.7	9.6	3.3	10.3	10.3	10.7	11.0
Replicate 4	24.0	8.8	3.3	9.8	10.1	9.9	10.7
TABLE OF A (RATE) MEANS							
1 GARLON 3 AS 0.0 oz/a	27.0 a	0.0 c	0.0 b	11.7 a	11.7 a	11.9 a	12.2 a
2 GARLON 3 AS 0.32 oz/a	25.5 b	0.4 c	0.0 b	12.0 a	11.9 a	11.9 a	12.0 ab
3 GARLON 3 AS 3.2 oz/a	24.6 b	2.9 b	0.0 b	11.4 a	11.4 a	11.6 a	11.6 b
4 GARLON 3 AS 32 oz/a	20.1 c	34.6 a	13.3 a	7.5 b	7.8 b	7.2 b	8.2 c
LSD P=.10	1.11	1.62	.	0.95	0.76	0.55	0.51
Standard Deviation	1.48	2.17	0.00	1.27	1.02	0.73	0.68
CV	6.08	22.84	0.00	11.93	9.54	6.90	6.21
TABLE OF B (TIME OF APPLICATION) MEANS							
1 PRE A	25.1 a	4.1 c	0.0 b	11.3 a	11.5 a	10.9 a	11.7 a
2 28 DAP B	23.2 b	14.1 a	5.0 a	10.6 ab	10.5 b	10.7 a	10.4 c
3 56 DAP C	24.6 a	10.3 b	5.0 a	10.1 b	10.1 b	10.3 a	10.9 b
LSD P=.10	0.90	1.15	.	0.84	0.76	0.49	0.41
Standard Deviation	1.31	1.67	0.00	1.22	1.10	0.71	0.60
CV	5.38	17.58	0.00	11.42	10.31	6.64	5.42
TABLE OF A (RATE) B (TIME OF APPLICATION) MEANS							
1 GARLON 3 AS 0.0 oz/a	26.5 ab	0.0 e	0.0 b	11.8 ab	12.0 abc	11.8 abc	12.5 a
1 PRE A							
2 GARLON 3 AS 0.32 oz/a	26.1 abc	1.3 e	0.0 b	11.8 ab	11.5 cde	11.8 abc	11.8 abc
1 PRE A							
3 GARLON 3 AS 3.2 oz/a	25.9 a-d	1.3 e	0.0 b	12.3 a	12.8 a	12.0 ab	12.0 ab
1 PRE A							
4 GARLON 3 AS 32 oz/a	22.1 f	13.8 c	0.0 b	9.3 c	9.8 f	8.3 d	10.5 c
1 PRE A							
1 GARLON 3 AS 0.0 oz/a	27.3 a	0.0 e	0.0 b	12.3 a	12.0 abc	12.5 a	12.3 a
2 28 DAP B							
2 GARLON 3 AS 0.32 oz/a	25.7 a-d	0.0 e	0.0 b	12.3 a	12.5 ab	12.3 ab	12.0 ab
2 28 DAP B							
3 GARLON 3 AS 3.2 oz/a	23.8 def	6.3 d	0.0 b	11.3 ab	10.8 e	11.0 c	10.8 bc
2 28 DAP B							
4 GARLON 3 AS 32 oz/a	16.0 g	50.0 a	20.0 a	6.8 d	6.8 g	7.0 e	6.5 d
2 28 DAP B							
1 GARLON 3 AS 0.0 oz/a	27.2 a	0.0 e	0.0 b	11.0 ab	11.0 de	11.5 bc	11.8 abc
3 56 DAP C							
2 GARLON 3 AS 0.32 oz/a	24.8 bcd	0.0 e	0.0 b	12.0 ab	11.8 bcd	11.8 abc	12.3 a
3 56 DAP C							
3 GARLON 3 AS 3.2 oz/a	24.2 cde	1.3 e	0.0 b	10.8 b	10.8 e	11.8 abc	12.0 ab
3 56 DAP C							
4 GARLON 3 AS 32 oz/a	22.2 ef	40.0 b	20.0 a	6.5 d	6.8 g	6.3 e	7.5 d
3 56 DAP C							

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Twin -	Plant -	Leaf -	Plant -	Plant -	Plant -	Plant -
Rating Data Type	avg-width	Stunting	Chlorosi	Hgt1	Hgt2	Hgt3	Hgt4
Rating Unit	In	Percent	Percent	In	In	In	In
Rating Date	Jul-2-20	Jul-23-20	Jul-23-20	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20
PRM Data Type	T2						
# Subsamples, Dec.	- 1						
Trt Treatment Form Form Rate Appl							
No. Name Conc Type Rate Unit Code	27	28	29	30	31	32	33
LSD P=.10	2.08	2.50	.	1.30	0.78	0.81	1.27
Standard Deviation	1.70	2.04	0.00	1.06	0.63	0.66	1.04
CV	6.99	21.53	0.00	9.97	5.92	6.20	9.45

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

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)							
Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT Location: PONDER FARM Investigator: Eric P. Prostko							
Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -
Rating Data Type	Hgt5	Hgt-AVG	Width1	Width2	Width3	Width4	Width5
Rating Unit	In	In	In	In	In	In	In
Rating Date	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20
PRM Data Type		T3					
# Subsamples, Dec.		- 1					
Trt Treatment Form Form Rate Appl							
No. Name Conc Type Rate Unit Code	34	35	36	37	38	39	40
TABLE OF R MEANS							
Replicate 1	12.3	11.4	34.2	35.3	34.4	34.5	34.8
Replicate 2	11.0	11.0	33.7	34.1	34.3	34.3	34.2
Replicate 3	10.4	10.6	34.3	34.3	34.5	34.3	34.1
Replicate 4	10.4	10.2	34.7	34.3	34.3	34.3	34.5
TABLE OF A (RATE) MEANS							
1 GARLON 3 AS 0.0 oz/a	12.8 a	12.1 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 GARLON 3 AS 0.32 oz/a	12.3 a	12.0 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
3 GARLON 3 AS 3.2 oz/a	11.5 b	11.5 b	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
4 GARLON 3 AS 32 oz/a	7.4 c	7.6 c	28.8 b	29.8 b	29.5 b	29.3 b	29.5 b
LSD P=.10	0.65	0.34	1.06	1.38	0.28	0.32	0.80
Standard Deviation	0.86	0.45	1.42	1.85	0.37	0.43	1.07
CV	7.82	4.20	4.16	5.36	1.08	1.26	3.10
TABLE OF B (TIME OF APPLICATION) MEANS							
1 PRE A	11.8 a	11.4 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 28 DAP B	10.7 a	10.6 b	32.8 c	33.2 c	33.4 b	32.9 c	33.5 b
3 56 DAP C	10.6 a	10.4 b	33.8 b	34.2 b	33.8 b	34.0 b	33.6 b
LSD P=.10	1.03	0.37	0.57	0.91	0.51	0.80	0.58
Standard Deviation	1.50	0.54	0.83	1.33	0.75	1.16	0.85
CV	13.63	5.04	2.43	3.86	2.17	3.39	2.47
TABLE OF A (RATE) B (TIME OF APPLICATION) MEANS							
1 GARLON 3 AS 0.0 oz/a	13.3 a	12.3 ab	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
1 PRE A							
2 GARLON 3 AS 0.32 oz/a	12.0 abc	11.8 bcd	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
1 PRE A							
3 GARLON 3 AS 3.2 oz/a	12.5 ab	12.3 ab	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
1 PRE A							
4 GARLON 3 AS 32 oz/a	9.3 d	9.4 f	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
1 PRE A							
1 GARLON 3 AS 0.0 oz/a	13.0 a	12.4 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 28 DAP B							
2 GARLON 3 AS 0.32 oz/a	12.5 ab	12.3 ab	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 28 DAP B							
3 GARLON 3 AS 3.2 oz/a	10.8 c	10.9 e	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 28 DAP B							
4 GARLON 3 AS 32 oz/a	6.5 e	6.7 g	23.0 c	24.8 c	25.5 c	23.8 c	26.0 b
2 28 DAP B							
1 GARLON 3 AS 0.0 oz/a	12.3 ab	11.5 cd	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
3 56 DAP C							
2 GARLON 3 AS 0.32 oz/a	12.5 ab	12.1 abc	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
3 56 DAP C							
3 GARLON 3 AS 3.2 oz/a	11.3 bc	11.3 de	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
3 56 DAP C							
4 GARLON 3 AS 32 oz/a	6.5 e	6.7 g	27.3 b	28.8 b	27.0 b	28.0 b	26.5 b
3 56 DAP C							

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

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)							
Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT Location: PONDER FARM Investigator: Eric P. Prostko							
Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -
Rating Data Type	Hgt5	Hgt-AVG	Width1	Width2	Width3	Width4	Width5
Rating Unit	In	In	In	In	In	In	In
Rating Date	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20
PRM Data Type		T3					
# Subsamples, Dec.		- 1					
Trt Treatment Form Form Rate Appl							
No. Name Conc Type Rate Unit Code	34	35	36	37	38	39	40
LSD P=.10	1.34	0.60	1.02	1.63	0.91	1.43	1.04
Standard Deviation	1.10	0.49	0.83	1.33	0.75	1.16	0.85
CV	9.95	4.52	2.43	3.86	2.17	3.39	2.47

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

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)						
Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT 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.	----- Arahy Plant - WDTN-AVG In Jul-27-20 T4 - 1	----- Arahy Ht1 In Aug-17-20	----- Arahy Ht2 In Aug-17-20	----- Arahy Ht3 In Aug-17-20	----- Arahy Ht4 In Aug-17-20	----- Arahy Ht5 In Aug-17-20
Trt Treatment Form Form Rate Appl No. Name Conc Type Rate Unit Code	41	42	43	44	45	46
TABLE OF R MEANS						
Replicate 1	34.6	14.3	14.8	14.3	14.7	14.9
Replicate 2	34.1	13.9	14.0	13.7	14.4	13.4
Replicate 3	34.3	13.6	13.0	13.3	13.4	13.3
Replicate 4	34.4	13.2	12.8	13.4	12.9	13.0
TABLE OF A (RATE) MEANS						
1 GARLON 3 AS 0.0 oz/a	36.0 a	14.4 a	14.3 a	14.2 a	14.8 a	14.6 a
2 GARLON 3 AS 0.32 oz/a	36.0 a	14.4 a	14.5 a	14.5 a	14.4 a	14.4 a
3 GARLON 3 AS 3.2 oz/a	36.0 a	14.7 a	14.3 a	14.4 a	14.9 a	14.3 a
4 GARLON 3 AS 32 oz/a	29.4 b	11.5 b	11.5 b	11.5 b	11.3 b	11.4 b
LSD P=.10	0.58	0.89	0.88	1.03	0.74	0.85
Standard Deviation	0.78	1.19	1.18	1.38	0.99	1.13
CV	2.27	8.63	8.64	10.08	7.16	8.27
TABLE OF B (TIME OF APPLICATION) MEANS						
1 PRE A	36.0 a	14.2 a	14.3 a	14.1 a	14.3 a	14.1 a
2 28 DAP B	33.2 c	13.9 a	13.4 b	13.8 ab	13.8 ab	13.7 a
3 56 DAP C	33.9 b	13.2 a	13.2 b	13.1 b	13.4 b	13.2 a
LSD P=.10	0.41	0.92	0.66	0.66	0.59	0.74
Standard Deviation	0.60	1.34	0.96	0.96	0.87	1.08
CV	1.74	9.75	7.02	7.04	6.25	7.88
TABLE OF A (RATE) B (TIME OF APPLICATION) MEANS						
1 GARLON 3 AS 0.0 oz/a	36.0 a	14.3 ab	14.5 ab	14.3 ab	15.0 a	14.5 a
1 PRE A						
2 GARLON 3 AS 0.32 oz/a	36.0 a	14.0 ab	14.3 ab	14.0 ab	14.3 a	14.3 a
1 PRE A						
3 GARLON 3 AS 3.2 oz/a	36.0 a	14.8 ab	15.0 a	14.8 a	15.3 a	14.0 a
1 PRE A						
4 GARLON 3 AS 32 oz/a	36.0 a	13.8 b	13.5 b	13.3 b	12.8 a	13.8 a
1 PRE A						
1 GARLON 3 AS 0.0 oz/a	36.0 a	14.3 ab	14.0 ab	14.8 a	15.0 a	14.8 a
2 28 DAP B						
2 GARLON 3 AS 0.32 oz/a	36.0 a	15.0 a	14.5 ab	14.8 a	14.8 a	15.0 a
2 28 DAP B						
3 GARLON 3 AS 3.2 oz/a	36.0 a	14.8 ab	14.5 ab	14.0 ab	14.3 a	14.5 a
2 28 DAP B						
4 GARLON 3 AS 32 oz/a	24.6 c	11.5 c	10.8 c	11.5 c	11.3 a	10.5 b
2 28 DAP B						
1 GARLON 3 AS 0.0 oz/a	36.0 a	14.8 ab	14.3 ab	13.5 ab	14.3 a	14.5 a
3 56 DAP C						
2 GARLON 3 AS 0.32 oz/a	36.0 a	14.3 ab	14.8 ab	14.8 a	14.3 a	14.0 a
3 56 DAP C						
3 GARLON 3 AS 3.2 oz/a	36.0 a	14.5 ab	13.5 b	14.5 ab	15.3 a	14.3 a
3 56 DAP C						
4 GARLON 3 AS 32 oz/a	27.5 b	9.3 d	10.3 c	9.8 d	10.0 a	10.0 b
3 56 DAP C						

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

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -					
Rating Data Type	WIDTH-AVG	Ht1	Ht2	Ht3	Ht4	Ht5
Rating Unit	In	In	In	In	In	In
Rating Date	Jul-27-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20
PRM Data Type	T4					
# Subsamples, Dec.	- 1					
Trt Treatment Form Form Rate Appl						
No. Name Conc Type Rate Unit Code	41	42	43	44	45	46
LSD P=.10	0.73	1.15	1.28	1.25	1.38	1.54
Standard Deviation	0.60	0.93	1.05	1.02	1.13	1.26
CV	1.74	6.79	7.66	7.49	8.13	9.19

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)						
Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT Location: PONDER FARM Investigator: Eric P. Prostko						
Weed Code	-----	----	---	----	-----	----
Crop Code	ARAHY	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	PLANT -					
Rating Data Type	AVG-HGT	Wth1	Wth2	Wth3	Wth4	Wth5
Rating Unit	IN	In	In	In	In	In
Rating Date	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20
PRM Data Type	T5					
# Subsamples, Dec.	- 1					
Trt Treatment Form Form Rate Appl						
No. Name Conc Type Rate Unit Code	47	48	49	50	51	52
TABLE OF R MEANS						
Replicate 1	14.6	35.2	35.6	35.3	35.8	35.8
Replicate 2	13.9	35.7	35.1	35.3	35.5	35.7
Replicate 3	13.3	35.3	35.4	35.6	35.5	35.3
Replicate 4	13.1	35.3	35.4	35.7	35.3	35.3
TABLE OF A (RATE) MEANS						
1 GARLON 3 AS 0.0 oz/a	14.4 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 GARLON 3 AS 0.32 oz/a	14.5 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
3 GARLON 3 AS 3.2 oz/a	14.5 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
4 GARLON 3 AS 32 oz/a	11.5 b	33.5 b	33.5 b	33.8 b	34.1 b	34.1 b
LSD P=.10	0.50	0.54	0.54	0.51	0.45	0.71
Standard Deviation	0.66	0.73	0.73	0.69	0.60	0.95
CV	4.85	2.05	2.05	1.94	1.68	2.69
TABLE OF B (TIME OF APPLICATION) MEANS						
1 PRE A	14.2 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 28 DAP B	13.7 b	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
3 56 DAP C	13.2 c	34.1 b	34.1 b	34.4 b	34.6 b	34.6 b
LSD P=.10	0.32	0.50	0.50	0.47	0.41	0.66
Standard Deviation	0.47	0.73	0.73	0.69	0.60	0.95
CV	3.40	2.05	2.05	1.94	1.68	2.69
TABLE OF A (RATE) B (TIME OF APPLICATION) MEANS						
1 GARLON 3 AS 0.0 oz/a	14.5 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
1 PRE A						
2 GARLON 3 AS 0.32 oz/a	14.2 ab	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
1 PRE A						
3 GARLON 3 AS 3.2 oz/a	14.8 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
1 PRE A						
4 GARLON 3 AS 32 oz/a	13.4 b	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
1 PRE A						
1 GARLON 3 AS 0.0 oz/a	14.6 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 28 DAP B						
2 GARLON 3 AS 0.32 oz/a	14.8 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 28 DAP B						
3 GARLON 3 AS 3.2 oz/a	14.4 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 28 DAP B						
4 GARLON 3 AS 32 oz/a	11.1 c	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
2 28 DAP B						
1 GARLON 3 AS 0.0 oz/a	14.3 ab	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
3 56 DAP C						
2 GARLON 3 AS 0.32 oz/a	14.4 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
3 56 DAP C						
3 GARLON 3 AS 3.2 oz/a	14.4 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a
3 56 DAP C						
4 GARLON 3 AS 32 oz/a	9.9 d	28.5 b	28.5 b	29.5 b	30.3 b	30.3 b
3 56 DAP C						

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

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	----	---	----	----	----
Crop Code	ARAHY	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	PLANT -					
Rating Data Type	AVG-HGT	Wth1	Wth2	Wth3	Wth4	Wth5
Rating Unit	IN	In	In	In	In	In
Rating Date	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20
PRM Data Type	T5					
# Subsamples, Dec.	- 1					
Trt Treatment Form Form Rate Appl						
No. Name Conc Type Rate Unit Code	47	48	49	50	51	52
LSD P=.10	0.97	0.89	0.89	0.84	0.73	1.17
Standard Deviation	0.79	0.73	0.73	0.69	0.60	0.95
CV	5.75	2.05	2.05	1.94	1.68	2.69

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

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	-----	-----	-----
Crop Code	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
Part Rated	PLANT -	DIRTY -	CLEAN -	CLEAN -	YIELD -
Rating Data Type	AVG-WIDTH	YIELD	YIELD	YIELD	LOSS
Rating Unit	IN	LBS/PLOT	LBS/PLOT	LBS/A	PERCENT
Rating Date	Aug-17-20	Oct-1-20	Oct-1-20	Oct-1-20	Oct-1-20
PRM Data Type	T6		T7	TY8	
# Subsamples, Dec.	- 1		- 1	- 0	
Trt Treatment Form Form Rate Appl					
No. Name Conc Type Rate Unit Code	53	54	55	56	57
TABLE OF R MEANS					
Replicate 1	35.5	16.16	15.8	4461	12.35
Replicate 2	35.4	16.30	16.0	4500	10.63
Replicate 3	35.4	16.81	16.5	4640	14.87
Replicate 4	35.4	16.95	16.6	4680	12.11
TABLE OF A (RATE) MEANS					
1 GARLON 3 AS 0.0 oz/a	36.0 a	18.61 a	18.2 a	5137 a	0.00 c
2 GARLON 3 AS 0.32 oz/a	36.0 a	18.14 a	17.8 a	5007 a	5.15 b
3 GARLON 3 AS 3.2 oz/a	36.0 a	18.23 a	17.9 a	5031 a	5.13 b
4 GARLON 3 AS 32 oz/a	33.8 b	11.25 b	11.0 b	3106 b	39.68 a
LSD P=.10	0.15	0.739	0.72	204.0	3.684
Standard Deviation	0.19	0.987	0.97	272.6	4.923
CV	0.55	5.965	5.96	6.0	39.416
TABLE OF B (TIME OF APPLICATION) MEANS					
1 PRE A	36.0 a	18.26 a	17.9 a	5042 a	5.25 b
2 28 DAP B	36.0 a	15.93 b	15.6 b	4398 b	17.88 a
3 56 DAP C	34.4 b	15.47 b	15.2 b	4270 b	14.34 a
LSD P=.10	0.13	0.478	0.47	131.9	5.774
Standard Deviation	0.19	0.695	0.68	191.9	8.405
CV	0.55	4.200	4.20	4.2	67.298
TABLE OF A (RATE) B (TIME OF APPLICATION) MEANS					
1 GARLON 3 AS 0.0 oz/a	36.0 a	19.05 abc	18.7 abc	5259 abc	0.00 d
1 PRE A					
2 GARLON 3 AS 0.32 oz/a	36.0 a	18.23 abc	17.9 abc	5033 abc	4.67 cd
1 PRE A					
3 GARLON 3 AS 3.2 oz/a	36.0 a	19.50 a	19.1 a	5383 a	2.33 d
1 PRE A					
4 GARLON 3 AS 32 oz/a	36.0 a	16.28 d	15.9 d	4493 d	14.00 b
1 PRE A					
1 GARLON 3 AS 0.0 oz/a	36.0 a	19.30 ab	18.9 ab	5328 ab	0.00 d
2 28 DAP B					
2 GARLON 3 AS 0.32 oz/a	36.0 a	17.63 a-d	17.3 a-d	4865 a-d	9.53 bc
2 28 DAP B					
3 GARLON 3 AS 3.2 oz/a	36.0 a	17.23 cd	16.9 cd	4755 cd	11.58 b
2 28 DAP B					
4 GARLON 3 AS 32 oz/a	36.0 a	9.58 e	9.4 e	2643 e	50.40 a
2 28 DAP B					
1 GARLON 3 AS 0.0 oz/a	36.0 a	17.48 bcd	17.1 bcd	4824 bcd	0.00 d
3 56 DAP C					
2 GARLON 3 AS 0.32 oz/a	36.0 a	18.55 abc	18.2 abc	5121 abc	1.25 d
3 56 DAP C					
3 GARLON 3 AS 3.2 oz/a	36.0 a	17.95 a-d	17.6 a-d	4955 a-d	1.50 d
3 56 DAP C					
4 GARLON 3 AS 32 oz/a	29.4 b	7.90 e	7.7 e	2181 e	54.63 a
3 56 DAP C					

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	-----	-----	-----
Crop Code	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
Part Rated	PLANT -	DIRTY -	CLEAN -	CLEAN -	YIELD -
Rating Data Type	AVG-WDTH	YIELD	YIELD	YIELD	LOSS
Rating Unit	IN	LBS/PLOT	LBS/PLOT	LBS/A	PERCENT
Rating Date	Aug-17-20	Oct-1-20	Oct-1-20	Oct-1-20	Oct-1-20
PRM Data Type	T6		T7	TY8	
# Subsamples, Dec.	- 1		- 1	- 0	
Trt Treatment Form Form Rate Appl					
No. Name Conc Type Rate Unit Code	53	54	55	56	57
LSD P=.10	0.24	1.883	1.85	519.8	6.744
Standard Deviation	0.19	1.531	1.50	422.6	5.483
CV	0.55	9.247	9.25	9.2	43.902

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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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For Arahy Stand #/5 ft May-6-20 (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	287.479167				
R	3	21.729167	7.243056	1.909	0.1643	
A	3	48.562500	16.187500	5.493	0.0202	1.3
RA	9	26.520833	2.946759			
B	2	28.791667	14.395833	1.239	0.3544	2.3
RB	6	69.708333	11.618056			
AB	6	23.875000	3.979167	1.049	0.4275	2.4
RAB	18	68.291667	3.793981			

COMPLETE FACTORIAL AOV For Arahy Stand #/5 ft May-6-20 TS[1] 1 (Data Column 2)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	21.526211				
R	3	1.687413	0.562471	2.209	0.1222	
A	3	4.279550	1.426517	7.880	0.0069	1.0 - 1.3
RA	9	1.629267	0.181030			
B	2	2.793654	1.396827	1.953	0.2222	2.1 - 2.1
RB	6	4.292002	0.715334			
AB	6	2.260877	0.376813	1.480	0.2406	2.1 - 2.4
RAB	18	4.583448	0.254636			

COMPLETE FACTORIAL AOV For ----- Arahy Plant Stand #/5 ft May-11-20 (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	955.312500				
R	3	89.729167	29.909722	4.430	0.0169	
A	3	226.229167	75.409722	7.375	0.0085	2.4
RA	9	92.020833	10.224537			
B	2	63.375000	31.687500	1.992	0.2171	2.7
RB	6	95.458333	15.909722			
AB	6	266.958333	44.493056	6.589	0.0008	3.2
RAB	18	121.541667	6.752315			

COMPLETE FACTORIAL AOV For ----- Arahy Plant Stand #/5 ft May-11-20 TS[3] 1 (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	14.275295				
R	3	1.314337	0.438112	4.993	0.0108	
A	3	3.218170	1.072723	7.630	0.0076	2.3 - 2.5
RA	9	1.265384	0.140598			
B	2	1.187484	0.593742	2.852	0.1347	2.6 - 2.6
RB	6	1.249112	0.208185			
AB	6	4.461441	0.743573	8.474	0.0002	2.4 - 3.3
RAB	18	1.579367	0.087743			

COMPLETE FACTORIAL AOV For ----- Arahy Plant Stand #/5 ft May-14-20 (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	462.666667				
R	3	6.166667	2.055556	0.230	0.8746	
A	3	49.500000	16.500000	2.990	0.0883	1.8
RA	9	49.666667	5.518519			
B	2	40.541667	20.270833	6.094	0.0359	1.3
RB	6	19.958333	3.326389			
AB	6	135.625000	22.604167	2.524	0.0596	3.7
RAB	18	161.208333	8.956019			

COMPLETE FACTORIAL AOV For ----- Arahy Stunting Percent May-14-20 (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	8299.479167				
R	3	14.062500	4.687500	1.653	0.2126	
A	3	2143.229167	714.409722	251.939	0.0001	1.3
RA	9	25.520833	2.835648			
B	2	1751.041667	875.520833	186.778	0.0001	1.5
RB	6	28.125000	4.687500			
AB	6	4286.458333	714.409722	251.939	0.0001	2.1
RAB	18	51.041667	2.835648			

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ---- Arahya Plant Stunting Percent May-28-20 (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	8081.250000				
R	3	43.750000	14.583333	2.831	0.0675	
A	3	2168.750000	722.916667	183.706	0.0001	1.5
RA	9	35.416667	3.935185			
B	2	1771.875000	885.937500	81.000	0.0001	2.3
RB	6	65.625000	10.937500			
AB	6	3903.125000	650.520833	126.303	0.0001	2.8
RAB	18	92.708333	5.150463			

COMPLETE FACTORIAL AOV For ---- Arahya Plant Epinasty Percent May-28-20 (Data Column 8)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	20431.250000				
R	3	6.250000	2.083333	1.714	0.1998	
A	3	5285.416667	1761.805556	2537.000	0.0001	0.6
RA	9	6.250000	0.694444			
B	2	4334.375000	2167.187500	4161.000	0.0001	0.5
RB	6	3.125000	0.520833			
AB	6	10773.958333	1795.659722	1477.572	0.0001	1.4
RAB	18	21.875000	1.215278			

COMPLETE FACTORIAL AOV For ----- Arahya Stunting Percent Jun-4-20 (Data Column 9)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	5724.479167				
R	3	18.229167	6.076389	0.382	0.7673	
A	3	2584.895833	861.631944	63.901	0.0001	2.7
RA	9	121.354167	13.483796			
B	2	1194.791667	597.395833	38.663	0.0004	2.7
RB	6	92.708333	15.451389			
AB	6	1426.041667	237.673611	14.935	0.0001	4.9
RAB	18	286.458333	15.914352			

COMPLETE FACTORIAL AOV For ----- Arahya Epinasty Percent Jun-4-20 (Data Column 10)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	1097.916667				
R	3	18.750000	6.250000	2.077	0.1391	
A	3	252.083333	84.027778	27.923	0.0001	1.3
RA	9	27.083333	3.009259			
B	2	204.166667	102.083333	16.333	0.0037	1.7
RB	6	37.500000	6.250000			
AB	6	504.166667	84.027778	27.923	0.0001	2.1
RAB	18	54.166667	3.009259			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Stunting Percent Jun-15-20 (Data Column 11)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	20286.979167				
R	3	18.229167	6.076389	0.351	0.7888	
A	3	10130.729167	3376.909722	250.442	0.0001	2.7
RA	9	121.354167	13.483796			
B	2	3857.291667	1928.645833	88.872	0.0001	3.2
RB	6	130.208333	21.701389			
AB	6	5717.708333	952.951389	55.074	0.0001	5.1
RAB	18	311.458333	17.303241			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Epinasty Percent Jun-15-20 (Data Column 12)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	97.916667				
R	3	6.250000	2.083333	1.000	0.4155	
A	3	6.250000	2.083333	1.000	0.4363	1.1
RA	9	18.750000	2.083333			
B	2	4.166667	2.083333	1.000	0.4219	1.0
RB	6	12.500000	2.083333			
AB	6	12.500000	2.083333	1.000	0.4552	1.8
RAB	18	37.500000	2.083333			

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ---- Arahya Plant Stunting Percent Jun-29-20 (Data Column 13)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	16711.979167				
R	3	18.229167	6.076389	0.361	0.7820	
A	3	10943.229167	3647.743056	280.147	0.0001	2.7
RA	9	117.187500	13.020833			
B	2	1719.791667	859.895833	36.153	0.0004	3.4
RB	6	142.708333	23.784722			
AB	6	3467.708333	577.951389	34.320	0.0001	5.0
RAB	18	303.125000	16.840278			

COMPLETE FACTORIAL AOV For ---- Arahya Plant Epinasty Percent Jun-29-20 (Data Column 14)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	299.479167				
R	3	1.562500	0.520833	1.000	0.4155	
A	3	76.562500	25.520833	49.000	0.0001	0.5
RA	9	4.687500	0.520833			
B	2	51.041667	25.520833	49.000	0.0002	0.5
RB	6	3.125000	0.520833			
AB	6	153.125000	25.520833	49.000	0.0001	0.9
RAB	18	9.375000	0.520833			

COMPLETE FACTORIAL AOV For ---- Arahya Plant Lapping Percent Jun-29-20 (Data Column 15)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	3350.000000				
R	3	350.000000	116.666667	2.270	0.1151	
A	3	912.500000	304.166667	3.982	0.0465	6.5
RA	9	687.500000	76.388889			
B	2	37.500000	18.750000	0.346	0.7207	5.1
RB	6	325.000000	54.166667			
AB	6	112.500000	18.750000	0.365	0.8916	8.8
RAB	18	925.000000	51.388889			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Ht 1 Inches Jul-2-20 (Data Column 16)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	108.078125				
R	3	1.098958	0.366319	0.418	0.7420	
A	3	60.473958	20.157986	21.331	0.0002	0.73
RA	9	8.505208	0.945023			
B	2	10.718750	5.359375	5.295	0.0473	0.69
RB	6	6.072917	1.012153			
AB	6	5.447917	0.907986	1.037	0.4341	1.15
RAB	18	15.760417	0.875579			

COMPLETE FACTORIAL AOV For ---- Arahya Plant Ht 2 Inches Jul-2-20 (Data Column 17)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	94.479167				
R	3	1.604167	0.534722	0.991	0.4192	
A	3	56.604167	18.868056	12.959	0.0013	0.90
RA	9	13.104167	1.456019			
B	2	0.541667	0.270833	0.629	0.5649	0.45
RB	6	2.583333	0.430556			
AB	6	10.333333	1.722222	3.193	0.0259	0.90
RAB	18	9.708333	0.539352			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Ht 3 Inches Jul-2-20 (Data Column 18)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	69.479167				
R	3	1.354167	0.451389	0.652	0.5919	
A	3	33.229167	11.076389	44.720	0.0001	0.37
RA	9	2.229167	0.247685			
B	2	4.541667	2.270833	1.994	0.2168	0.73
RB	6	6.833333	1.138889			
AB	6	8.833333	1.472222	2.127	0.1003	1.02
RAB	18	12.458333	0.692130			

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ----- Arahya Plant Ht 4 Inches Jul-2-20 (Data Column 19)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	93.416667				
R	3	3.416667	1.138889	2.065	0.1407	
A	3	52.791667	17.597222	24.210	0.0001	0.64
RA	9	6.541667	0.726852			
B	2	0.510417	0.255208	0.183	0.8372	0.81
RB	6	8.364583	1.394097			
AB	6	11.864583	1.977431	3.586	0.0163	0.91
RAB	18	9.927083	0.551505			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Ht 5 Inches Jul-2-20 (Data Column 20)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	88.812500				
R	3	2.854167	0.951389	0.678	0.5765	
A	3	36.062500	12.020833	14.965	0.0008	0.67
RA	9	7.229167	0.803241			
B	2	4.156250	2.078125	3.077	0.1203	0.56
RB	6	4.052083	0.675347			
AB	6	9.218750	1.536458	1.096	0.4023	1.45
RAB	18	25.239583	1.402199			

COMPLETE FACTORIAL AOV For ----- Arahya Plant hgt-avg Inches Jul-2-20 T1 1 (Data Column 21)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	68.888125				
R	3	0.868958	0.289653	0.904	0.4585	
A	3	46.430625	15.476875	36.767	0.0001	0.5
RA	9	3.788542	0.420949			
B	2	2.873750	1.436875	2.646	0.1500	0.5
RB	6	3.257917	0.542986			
AB	6	5.901250	0.983542	3.070	0.0300	0.7
RAB	18	5.767083	0.320394			

COMPLETE FACTORIAL AOV For ----- Arahya Twin Width1 In Jul-2-20 (Data Column 22)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	848.244792				
R	3	45.515625	15.171875	2.883	0.0644	
A	3	480.265625	160.088542	43.271	0.0001	1.44
RA	9	33.296875	3.699653			
B	2	58.885417	29.442708	3.631	0.0926	1.96
RB	6	48.656250	8.109375			
AB	6	86.906250	14.484375	2.753	0.0445	2.81
RAB	18	94.718750	5.262153			

COMPLETE FACTORIAL AOV For ----- Arahya Twin Width2 In Jul-2-20 (Data Column 23)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	598.479167				
R	3	12.062500	4.020833	0.974	0.4266	
A	3	274.062500	91.354167	27.236	0.0001	1.37
RA	9	30.187500	3.354167			
B	2	22.197917	11.098958	1.370	0.3234	1.96
RB	6	48.593750	8.098958			
AB	6	137.093750	22.848958	5.537	0.0021	2.49
RAB	18	74.281250	4.126736			

COMPLETE FACTORIAL AOV For ----- Arahya Twin Width3 In Jul-2-20 (Data Column 24)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	650.953125				
R	3	5.557292	1.852431	0.277	0.8412	
A	3	240.223958	80.074653	7.639	0.0076	2.42
RA	9	94.338542	10.482060			
B	2	38.281250	19.140625	3.744	0.0880	1.55
RB	6	30.677083	5.112847			
AB	6	121.510417	20.251736	3.029	0.0316	3.17
RAB	18	120.364583	6.686921			

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ----- Arahya Twin Width4 In Jul-9-20 (Data Column 25)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	638.203125				
R	3	16.682292	5.560764	0.989	0.4204	
A	3	351.515625	117.171875	22.515	0.0002	1.71
RA	9	46.838542	5.204282			
B	2	25.906250	12.953125	17.073	0.0033	0.60
RB	6	4.552083	0.758681			
AB	6	91.468750	15.244792	2.710	0.0470	2.91
RAB	18	101.239583	5.624421			

COMPLETE FACTORIAL AOV For ----- Arahya Twin Width5 In Jul-2-20 (Data Column 26)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	645.744792				
R	3	8.932292	2.977431	0.463	0.7117	
A	3	340.515625	113.505208	17.675	0.0004	1.90
RA	9	57.796875	6.421875			
B	2	28.822917	14.411458	7.824	0.0213	0.93
RB	6	11.052083	1.842014			
AB	6	82.843750	13.807292	2.147	0.0978	3.11
RAB	18	115.781250	6.432292			

COMPLETE FACTORIAL AOV For ----- Arahya Twin avg-width In Jul-2-20 T2 1 (Data Column 27)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	520.020000				
R	3	5.281667	1.760556	0.611	0.6165	
A	3	319.936667	106.645556	48.883	0.0001	1.1
RA	9	19.635000	2.181667			
B	2	31.958750	15.979375	9.350	0.0143	0.9
RB	6	10.254583	1.709097			
AB	6	81.094583	13.515764	4.691	0.0049	2.1
RAB	18	51.858750	2.881042			

COMPLETE FACTORIAL AOV For ---- Arahya Plant Stunting Percent Jul-23-20 (Data Column 28)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	13161.979167				
R	3	9.895833	3.298611	0.792	0.5143	
A	3	10143.229167	3381.076389	721.296	0.0001	1.6
RA	9	42.187500	4.687500			
B	2	816.666667	408.333333	147.000	0.0001	1.1
RB	6	16.666667	2.777778			
AB	6	2058.333333	343.055556	82.333	0.0001	2.5
RAB	18	75.000000	4.166667			

COMPLETE FACTORIAL AOV For ---- Arahya Leaf Chlorosi Percent Jul-23-20 (Data Column 29)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	2666.666667				
R	3	0.000000	0.000000	0.000	1.0000	
A	3	1600.000000	533.333333	0.000	1.0000	.
RA	9	0.000000	0.000000			
B	2	266.666667	133.333333	0.000	1.0000	.
RB	6	0.000000	0.000000			
AB	6	800.000000	133.333333	0.000	1.0000	.
RAB	18	0.000000	0.000000			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Hgt1 In Jul-27-20 (Data Column 30)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	250.979167				
R	3	20.062500	6.687500	5.932	0.0054	
A	3	160.395833	53.465278	33.138	0.0001	1.0
RA	9	14.520833	1.613426			
B	2	11.291667	5.645833	3.817	0.0852	0.8
RB	6	8.875000	1.479167			
AB	6	15.541667	2.590278	2.298	0.0800	1.3
RAB	18	20.291667	1.127315			

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ----- Arahya Plant Hgt2 In Jul-27-20 (Data Column 31)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	214.312500				
R	3	11.395833	3.798611	9.486	0.0006	
A	3	139.562500	46.520833	44.759	0.0001	0.8
RA	9	9.354167	1.039352			
B	2	17.375000	8.687500	7.149	0.0258	0.8
RB	6	7.291667	1.215278			
AB	6	22.125000	3.687500	9.208	0.0001	0.8
RAB	18	7.208333	0.400463			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Hgt3 In Jul-27-20 (Data Column 32)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	232.979167				
R	3	9.562500	3.187500	7.324	0.0021	
A	3	194.562500	64.854167	120.245	0.0001	0.5
RA	9	4.854167	0.539352			
B	2	3.166667	1.583333	3.167	0.1151	0.5
RB	6	3.000000	0.500000			
AB	6	10.000000	1.666667	3.830	0.0123	0.8
RAB	18	7.833333	0.435185			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Hgt4 In Jul-27-20 (Data Column 33)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	196.979167				
R	3	2.062500	0.687500	0.639	0.5999	
A	3	128.729167	42.909722	92.224	0.0001	0.5
RA	9	4.187500	0.465278			
B	2	14.041667	7.020833	19.824	0.0023	0.4
RB	6	2.125000	0.354167			
AB	6	26.458333	4.409722	4.097	0.0091	1.3
RAB	18	19.375000	1.076389			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Hgt5 In Jul-27-20 (Data Column 34)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	316.979167				
R	3	26.895833	8.965278	7.462	0.0019	
A	3	218.729167	72.909722	98.122	0.0001	0.6
RA	9	6.687500	0.743056			
B	2	12.791667	6.395833	2.834	0.1360	1.0
RB	6	13.541667	2.256944			
AB	6	16.708333	2.784722	2.318	0.0780	1.3
RAB	18	21.625000	1.201389			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Hgt-AVG In Jul-27-20 T3 1 (Data Column 35)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	210.439167				
R	3	10.689167	3.563056	14.956	0.0001	
A	3	165.762500	55.254167	268.200	0.0001	0.3
RA	9	1.854167	0.206019			
B	2	9.781667	4.890833	16.501	0.0036	0.4
RB	6	1.778333	0.296389			
AB	6	16.285000	2.714167	11.393	0.0001	0.6
RAB	18	4.288333	0.238241			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Width1 In Jul-27-20 (Data Column 36)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	865.312500				
R	3	6.062500	2.020833	2.939	0.0611	
A	3	473.062500	157.687500	78.031	0.0001	1.1
RA	9	18.187500	2.020833			
B	2	87.875000	43.937500	63.909	0.0001	0.6
RB	6	4.125000	0.687500			
AB	6	263.625000	43.937500	63.909	0.0001	1.0
RAB	18	12.375000	0.687500			

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t=Mean descriptions are reported in transformed data units, and are not de-transformed.

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ---- Arahya Plant Width2 In Jul-27-20 (Data Column 37)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	685.916667				
R	3	10.250000	3.416667	1.929	0.1610	
A	3	342.250000	114.083333	33.390	0.0001	1.4
RA	9	30.750000	3.416667			
B	2	65.041667	32.520833	18.365	0.0028	0.9
RB	6	10.625000	1.770833			
AB	6	195.125000	32.520833	18.365	0.0001	1.6
RAB	18	31.875000	1.770833			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Width3 In Jul-27-20 (Data Column 38)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	653.250000				
R	3	0.416667	0.138889	0.250	0.8603	
A	3	380.250000	126.750000	912.600	0.0001	0.3
RA	9	1.250000	0.138889			
B	2	64.500000	32.250000	58.050	0.0001	0.5
RB	6	3.333333	0.555556			
AB	6	193.500000	32.250000	58.050	0.0001	0.9
RAB	18	10.000000	0.555556			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Width4 In Jul-27-20 (Data Column 39)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	754.312500				
R	3	0.562500	0.187500	0.138	0.9357	
A	3	410.062500	136.687500	729.000	0.0001	0.3
RA	9	1.687500	0.187500			
B	2	77.375000	38.687500	28.569	0.0009	0.8
RB	6	8.125000	1.354167			
AB	6	232.125000	38.687500	28.569	0.0001	1.4
RAB	18	24.375000	1.354167			

COMPLETE FACTORIAL AOV For ----- Arahya Plant Width5 In Jul-27-20 (Data Column 40)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	665.250000				
R	3	3.416667	1.138889	1.577	0.2297	
A	3	380.250000	126.750000	111.293	0.0001	0.8
RA	9	10.250000	1.138889			
B	2	63.500000	31.750000	43.962	0.0003	0.6
RB	6	4.333333	0.722222			
AB	6	190.500000	31.750000	43.962	0.0001	1.0
RAB	18	13.000000	0.722222			

COMPLETE FACTORIAL AOV For ----- Arahya Plant WIDTH-AVG In Jul-27-20 T4 1 (Data Column 41)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	692.636667				
R	3	1.816667	0.605556	1.703	0.2021	
A	3	396.010000	132.003333	217.987	0.0001	0.6
RA	9	5.450000	0.605556			
B	2	70.206667	35.103333	98.728	0.0001	0.4
RB	6	2.133333	0.355556			
AB	6	210.620000	35.103333	98.728	0.0001	0.7
RAB	18	6.400000	0.355556			

COMPLETE FACTORIAL AOV For ---- Arahya Ht1 In Aug-17-20 (Data Column 42)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	173.000000				
R	3	8.833333	2.944444	3.374	0.0413	
A	3	81.500000	27.166667	19.303	0.0003	0.9
RA	9	12.666667	1.407407			
B	2	8.375000	4.187500	2.328	0.1785	0.9
RB	6	10.791667	1.798611			
AB	6	35.125000	5.854167	6.708	0.0007	1.1
RAB	18	15.708333	0.872685			

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ---- ArahY Ht2 In Aug-17-20 (Data Column 43)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	170.979167				
R	3	29.062500	9.687500	8.867	0.0008	
A	3	74.062500	24.687500	17.745	0.0004	0.9
RA	9	12.520833	1.391204			
B	2	11.166667	5.583333	6.091	0.0359	0.7
RB	6	5.500000	0.916667			
AB	6	19.000000	3.166667	2.898	0.0371	1.3
RAB	18	19.666667	1.092593			

COMPLETE FACTORIAL AOV For ---- ArahY Ht3 In Aug-17-20 (Data Column 44)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	152.979167				
R	3	6.895833	2.298611	2.202	0.1231	
A	3	74.395833	24.798611	13.113	0.0012	1.0
RA	9	17.020833	1.891204			
B	2	7.291667	3.645833	3.947	0.0805	0.7
RB	6	5.541667	0.923611			
AB	6	23.041667	3.840278	3.678	0.0146	1.3
RAB	18	18.791667	1.043981			

COMPLETE FACTORIAL AOV For ---- ArahY Ht4 In Aug-17-20 (Data Column 45)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	183.979167				
R	3	24.562500	8.187500	6.454	0.0037	
A	3	103.229167	34.409722	34.976	0.0001	0.7
RA	9	8.854167	0.983796			
B	2	6.166667	3.083333	4.111	0.0751	0.6
RB	6	4.500000	0.750000			
AB	6	13.833333	2.305556	1.818	0.1521	1.4
RAB	18	22.833333	1.268519			

COMPLETE FACTORIAL AOV For ---- ArahY Ht5 In Aug-17-20 (Data Column 46)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	190.666667				
R	3	26.166667	8.722222	5.533	0.0072	
A	3	81.666667	27.222222	21.304	0.0002	0.8
RA	9	11.500000	1.277778			
B	2	7.041667	3.520833	3.036	0.1228	0.7
RB	6	6.958333	1.159722			
AB	6	28.958333	4.826389	3.062	0.0303	1.5
RAB	18	28.375000	1.576389			

COMPLETE FACTORIAL AOV For ----- ARAHY PLANT AVG-HGT IN Aug-17-20 T5 1 (Data Column 47)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	142.072500				
R	3	16.335833	5.445278	8.768	0.0008	
A	3	81.949167	27.316389	61.861	0.0001	0.5
RA	9	3.974167	0.441574			
B	2	7.605000	3.802500	17.528	0.0031	0.3
RB	6	1.301667	0.216944			
AB	6	19.728333	3.288056	5.295	0.0027	1.0
RAB	18	11.178333	0.621019			

COMPLETE FACTORIAL AOV For ---- ArahY Wth1 In Aug-17-20 (Data Column 48)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	225.250000				
R	3	1.583333	0.527778	1.000	0.4155	
A	3	56.250000	18.750000	35.526	0.0001	0.5
RA	9	4.750000	0.527778			
B	2	37.500000	18.750000	35.526	0.0005	0.5
RB	6	3.166667	0.527778			
AB	6	112.500000	18.750000	35.526	0.0001	0.9
RAB	18	9.500000	0.527778			

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For --- Arahly Wth2 In Aug-17-20 (Data Column 49)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	225.250000				
R	3	1.583333	0.527778	1.000	0.4155	
A	3	56.250000	18.750000	35.526	0.0001	0.5
RA	9	4.750000	0.527778			
B	2	37.500000	18.750000	35.526	0.0005	0.5
RB	6	3.166667	0.527778			
AB	6	112.500000	18.750000	35.526	0.0001	0.9
RAB	18	9.500000	0.527778			

COMPLETE FACTORIAL AOV For ---- Arahly Wth3 In Aug-17-20 (Data Column 50)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	171.916667				
R	3	1.416667	0.472222	1.000	0.4155	
A	3	42.250000	14.083333	29.824	0.0001	0.5
RA	9	4.250000	0.472222			
B	2	28.166667	14.083333	29.824	0.0008	0.5
RB	6	2.833333	0.472222			
AB	6	84.500000	14.083333	29.824	0.0001	0.8
RAB	18	8.500000	0.472222			

COMPLETE FACTORIAL AOV For ---- Arahly Wth4 In Aug-17-20 (Data Column 51)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	133.979167				
R	3	1.062500	0.354167	1.000	0.4155	
A	3	33.062500	11.020833	31.118	0.0001	0.4
RA	9	3.187500	0.354167			
B	2	22.041667	11.020833	31.118	0.0007	0.4
RB	6	2.125000	0.354167			
AB	6	66.125000	11.020833	31.118	0.0001	0.7
RAB	18	6.375000	0.354167			

COMPLETE FACTORIAL AOV For ---- Arahly Wth5 In Aug-17-20 (Data Column 52)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	153.979167				
R	3	2.729167	0.909722	1.000	0.4155	
A	3	33.062500	11.020833	12.115	0.0016	0.7
RA	9	8.187500	0.909722			
B	2	22.041667	11.020833	12.115	0.0078	0.7
RB	6	5.458333	0.909722			
AB	6	66.125000	11.020833	12.115	0.0001	1.2
RAB	18	16.375000	0.909722			

COMPLETE FACTORIAL AOV For ----- ARAHY PLANT AVG-WIDTH IN Aug-17-20 T6 1 (Data Column 53)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	161.080000				
R	3	0.113333	0.037778	1.000	0.4155	
A	3	43.560000	14.520000	384.353	0.0001	0.1
RA	9	0.340000	0.037778			
B	2	29.040000	14.520000	384.353	0.0001	0.1
RB	6	0.226667	0.037778			
AB	6	87.120000	14.520000	384.353	0.0001	0.2
RAB	18	0.680000	0.037778			

COMPLETE FACTORIAL AOV For ----- ARAHY DIRTY YIELD LBS/PLOT Oct-1-20 (Data Column 54) Missing values in column 54 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	46	686.149977				
R	3	5.337292	1.779097	0.759	0.5324	
A	3	451.776181	150.592060	154.440	0.0001	0.74
RA	9	8.775764	0.975085			
B	2	71.866852	35.933426	74.345	0.0001	0.48
RB	6	2.900000	0.483333			
AB	6	105.652778	17.608796	7.514	0.0005	1.88
RAB	17	39.841111	2.343595			

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ----- ARAHY CLEAN YIELD LBS/PLOT Oct-1-20 T7 1 (Data Column 55) Missing values in column 55 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	46	658.978438				
R	3	5.125935	1.708645	0.759	0.5324	
A	3	433.885844	144.628615	154.440	0.0001	0.7
RA	9	8.428244	0.936472			
B	2	69.020925	34.510462	74.345	0.0001	0.5
RB	6	2.785160	0.464193			
AB	6	101.468928	16.911488	7.514	0.0005	1.8
RAB	17	38.263403	2.250788			

COMPLETE FACTORIAL AOV For ----- ARAHY CLEAN YIELD LBS/A Oct-1-20 TY8 0 (Data Column 56) Missing values in column 56 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	46	52288706.314964				
R	3	406733.346777	135577.782259	0.759	0.5324	
A	3	34428030.054814	11476010.018271	154.440	0.0001	204
RA	9	668765.366401	74307.262933			
B	2	5476681.246138	2738340.623069	74.345	0.0001	132
RB	6	220997.235924	36832.872654			
AB	6	8051369.605708	1341894.934285	7.514	0.0005	520
RAB	17	3036129.459202	178595.850541			

COMPLETE FACTORIAL AOV For ----- ARAHY YIELD LOSS PERCENT Oct-1-20 (Data Column 57) Missing values in column 57 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	46	17680.765185				
R	3	111.453889	37.151296	1.236	0.3275	
A	3	12036.735000	4012.245000	165.574	0.0001	3.68
RA	9	218.091111	24.232346			
B	2	1358.118102	679.059051	9.613	0.0135	5.77
RB	6	423.836528	70.639421			
AB	6	3021.485417	503.580903	16.752	0.0001	6.74
RAB	17	511.045139	30.061479			

Part Rated

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

Leaf = LEAF / FOLIAGE

PRM Data Type

TS[1] = SQR([1] + .5)

TS[3] = SQR([3] + .5)

T1 = ([C16]+[C17]+[C18]+[C19]+[C20])/5

T2 = ([C22]+[C23]+[C24]+[C25]+[C26])/5

T3 = ([C30]+[C31]+[C32]+[C33]+[C34])/5

T4 = ([C36]+[C37]+[C38]+[C39]+[C40])/5

T5 = ([C42]+[C43]+[C44]+[C45]+[C46])/5

T6 = ([C48]+[C49]+[C50]+[C51]+[C52])/5

T7 = [C54]*0.98

TY8 = 281.688*[55]

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.

t=Mean descriptions are reported in transformed data units, and are not de-transformed.

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 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 Appl							
No. Name Conc Type Rate Unit Code Plot	1	2	3	4	5	6	7
1 GARLON PRE 3 AS 0.0 oz/a A 101	9.0	3.1	19.0	4.4	18.0	0.0	0.0
210	5.0	2.3	23.0	4.8	21.0	0.0	0.0
308	2.0	1.6	20.0	4.5	18.0	0.0	0.0
411	3.0	1.9	25.0	5.0	22.0	0.0	0.0
Mean =	4.8	4.4d	21.8	21.7d	19.8	0.0	0.0
2 GARLON 28 DAP 3 AS 0.0 oz/a B 102	6.0	2.5	26.0	5.1	26.0	0.0	0.0
207	3.0	1.9	24.0	4.9	21.0	0.0	0.0
312	5.0	2.3	19.0	4.4	19.0	0.0	0.0
403	1.0	1.2	16.0	4.1	20.0	0.0	0.0
Mean =	3.8	3.5d	21.3	21.1d	21.5	0.0	0.0
3 GARLON 56 DAP 3 AS 0.0 oz/a C 103	4.0	2.1	16.0	4.1	18.0	0.0	0.0
202	4.0	2.1	26.0	5.1	23.0	0.0	0.0
304	2.0	1.6	22.0	4.7	22.0	0.0	0.0
401	10.0	3.2	22.0	4.7	22.0	0.0	0.0
Mean =	5.0	4.6d	21.5	21.3d	21.3	0.0	0.0
4 GARLON PRE 3 AS 0.32 oz/a A 104	2.0	1.6	12.0	3.5	18.0	0.0	5.0
208	2.0	1.6	19.0	4.4	19.0	0.0	5.0
311	5.0	2.3	25.0	5.0	23.0	0.0	0.0
405	1.0	1.2	20.0	4.5	21.0	5.0	5.0
Mean =	2.5	2.3d	19.0	18.7d	20.3	1.3	3.8
5 GARLON 28 DAP 3 AS 0.32 oz/a B 105	5.0	2.3	13.0	3.7	16.0	0.0	5.0
203	4.0	2.1	19.0	4.4	19.0	0.0	0.0
302	8.0	2.9	15.0	3.9	20.0	0.0	0.0
410	2.0	1.6	16.0	4.1	17.0	0.0	5.0
Mean =	4.8	4.5d	15.8	15.7d	18.0	0.0	2.5
6 GARLON 56 DAP 3 AS 0.32 oz/a C 106	6.0	2.5	16.0	4.1	18.0	0.0	0.0
204	6.0	2.5	16.0	4.1	22.0	0.0	0.0
305	2.0	1.6	18.0	4.3	17.0	0.0	0.0
409	5.0	2.3	16.0	4.1	13.0	0.0	0.0
Mean =	4.8	4.6d	16.5	16.5d	17.5	0.0	0.0
7 GARLON PRE 3 AS 3.2 oz/a A 107	4.0	2.1	12.0	3.5	17.0	5.0	10.0
205	1.0	1.2	17.0	4.2	20.0	5.0	0.0
306	2.0	1.6	17.0	4.2	17.0	0.0	0.0
408	0.0	0.7	14.0	3.8	18.0	0.0	10.0
Mean =	1.8	1.5d	15.0	14.9d	18.0	2.5	5.0
8 GARLON 28 DAP 3 AS 3.2 oz/a B 108	7.0	2.7	18.0	4.3	18.0	0.0	5.0
206	2.0	1.6	22.0	4.7	20.0	0.0	5.0
303	0.0	0.7	18.0	4.3	18.0	0.0	5.0
407	3.0	1.9	14.0	3.8	19.0	0.0	5.0
Mean =	3.0	2.5d	18.0	17.9d	18.8	0.0	5.0
9 GARLON 56 DAP 3 AS 3.2 oz/a C 109	3.0	1.9	13.0	3.7	23.0	0.0	0.0
211	4.0	2.1	21.0	4.6	20.0	0.0	0.0
307	1.0	1.2	17.0	4.2	16.0	0.0	0.0
402	3.0	1.9	18.0	4.3	23.0	0.0	0.0
Mean =	2.8	2.6d	17.3	17.1d	20.5	0.0	0.0
10 GARLON PRE 3 AS 32 oz/a A 110	0.0	0.7	9.0	3.1	17.0	50.0	50.0
212	0.0	0.7	8.0	2.9	10.0	50.0	50.0
301	0.0	0.7	12.0	3.5	15.0	40.0	40.0
406	0.0	0.7	7.0	2.7	12.0	50.0	50.0
Mean =	0.0	0.0d	9.0	8.9d	13.5	47.5	47.5

d=Means are reported in de-transformed data units

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code				-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Stand	Stand	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -
Rating Data Type	Stand	Stand	Stand	Stand	Stand	Stand	Stand	Stand
Rating Unit	#/5 ft	#/5 ft	#/5 ft	#/5 ft	#/5 ft	#/5 ft	#/5 ft	#/5 ft
Rating Date	May-6-20	May-6-20	May-11-20	May-11-20	May-14-20	May-14-20	May-14-20	May-28-20
PRM Data Type		TS[1]		TS[3]				
# Subsamples, Dec.	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
Trt Treatment Form Form Rate Appl								
No. Name Conc Type Rate Unit Code Plot	1	2	3	4	5	6	7	
11 GARLON 3 AS 32 oz/a	3.0	1.9	21.0	4.6	23.0	0.0	0.0	
28 DAP B	0.0	0.7	18.0	4.3	22.0	0.0	5.0	
	310 5.0	2.3	21.0	4.6	19.0	0.0	5.0	
	404 1.0	1.2	18.0	4.3	22.0	0.0	5.0	
Mean =	2.3	1.9d	19.5	19.5d	21.5	0.0	3.8	
12 GARLON 3 AS 32 oz/a	4.0	2.1	15.0	3.9	15.0	0.0	0.0	
56 DAP C	6.0	2.5	17.0	4.2	19.0	0.0	0.0	
	309 1.0	1.2	24.0	4.9	21.0	0.0	0.0	
	412 5.0	2.3	21.0	4.6	23.0	0.0	0.0	
Mean =	4.0	3.7d	19.3	19.1d	19.5	0.0	0.0	

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					----	-----	-----	-----	-----	-----	-----
Crop Code					Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated					Plant -	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -
Rating Data Type					Epinasty	Stunting	Epinasty	Stunting	Epinasty	Stunting	Epinasty
Rating Unit					Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date					May-28-20	Jun-4-20	Jun-4-20	Jun-15-20	Jun-15-20	Jun-29-20	Jun-29-20
PRM Data Type											
# Subsamples, Dec.											
Trt Treatment Form Form	Rate Appl										
No. Name	Conc Type Rate Unit Code Plot				8	9	10	11	12	13	14
1 GARLON PRE	3 AS 0.0 oz/a A	101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		210	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		308	0.0	0.0	0.0	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	0.0	0.0	0.0
		Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 GARLON 28 DAP	3 AS 0.0 oz/a B	102	0.0	0.0	0.0	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	0.0	0.0	0.0
		312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		403	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 GARLON 56 DAP	3 AS 0.0 oz/a C	103	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		202	0.0	0.0	0.0	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	0.0	0.0	0.0
		401	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 GARLON PRE	3 AS 0.32 oz/a A	104	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
		208	0.0	10.0	0.0	10.0	0.0	0.0	0.0	5.0	0.0
		311	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		405	5.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
		Mean =	1.3	2.5	0.0	6.3	0.0	0.0	0.0	1.3	0.0
5 GARLON 28 DAP	3 AS 0.32 oz/a B	105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		203	0.0	5.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0
		302	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		410	0.0	5.0	0.0	10.0	0.0	0.0	0.0	5.0	0.0
		Mean =	0.0	2.5	0.0	3.8	0.0	0.0	0.0	2.5	0.0
6 GARLON 56 DAP	3 AS 0.32 oz/a C	106	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		204	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
		305	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		409	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
		Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
7 GARLON PRE	3 AS 3.2 oz/a A	107	0.0	10.0	0.0	10.0	0.0	0.0	0.0	5.0	0.0
		205	0.0	5.0	0.0	10.0	0.0	0.0	0.0	5.0	0.0
		306	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		408	0.0	5.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0
		Mean =	0.0	5.0	0.0	6.3	0.0	0.0	0.0	3.8	0.0
8 GARLON 28 DAP	3 AS 3.2 oz/a B	108	5.0	15.0	0.0	20.0	0.0	0.0	0.0	5.0	0.0
		206	5.0	10.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0
		303	5.0	25.0	5.0	30.0	0.0	0.0	0.0	15.0	0.0
		407	10.0	10.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0
		Mean =	6.3	15.0	1.3	17.5	0.0	0.0	0.0	10.0	0.0
9 GARLON 56 DAP	3 AS 3.2 oz/a C	109	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		211	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		307	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
		402	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
		Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
10 GARLON PRE	3 AS 32 oz/a A	110	0.0	35.0	0.0	50.0	0.0	0.0	0.0	45.0	0.0
		212	0.0	20.0	0.0	40.0	0.0	0.0	0.0	25.0	0.0
		301	0.0	30.0	0.0	40.0	0.0	0.0	0.0	25.0	0.0
		406	0.0	20.0	0.0	50.0	0.0	0.0	0.0	25.0	0.0
		Mean =	0.0	26.3	0.0	45.0	0.0	0.0	0.0	30.0	0.0

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 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.							---- Arahy Plant - Epinasty Percent May-28-20	----- Arahy Stunting Percent Jun-4-20	----- Arahy Epinasty Percent Jun-4-20	----- Arahy Plant - Stunting Percent Jun-15-20	----- Arahy Plant - Epinasty Percent Jun-15-20	----- Arahy Plant - Stunting Percent Jun-29-20	----- Arahy Plant - Epinasty Percent Jun-29-20
Trt	Treatment	Form	Form	Rate	Appl								
No.	Name	Conc	Type	Rate	Unit	Code Plot	8	9	10	11	12	13	14
11	GARLON	3 AS	32 oz/a			111	75.0	25.0	15.0	65.0	0.0	65.0	0.0
	28 DAP					B 209	75.0	30.0	10.0	65.0	0.0	65.0	0.0
						310	75.0	35.0	25.0	65.0	10.0	65.0	0.0
						404	75.0	30.0	15.0	65.0	0.0	65.0	0.0
						Mean =	75.0	30.0	16.3	65.0	2.5	65.0	0.0
12	GARLON	3 AS	32 oz/a			112	0.0	0.0	0.0	0.0	0.0	10.0	10.0
	56 DAP					C 201	0.0	0.0	0.0	0.0	0.0	25.0	5.0
						309	0.0	0.0	0.0	0.0	0.0	15.0	10.0
						412	0.0	0.0	0.0	0.0	0.0	15.0	10.0
						Mean =	0.0	0.0	0.0	0.0	0.0	16.3	8.8

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 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 Appl									
No. Name Conc Type Rate Unit Code Plot	15	16	17	18	19	20	21	22	
1 GARLON PRE 3 AS 0.0 oz/a A 101	5.0	9.00	9.50	8.50	8.50	10.00	9.1	24.00	
210	20.0	10.00	8.50	9.00	10.00	9.00	9.3	29.00	
308	5.0	8.50	8.00	8.00	9.00	8.00	8.3	28.00	
411	25.0	9.00	9.00	9.50	8.50	9.00	9.0	30.00	
Mean =	13.8	9.13	8.75	8.75	9.00	9.00	8.9	27.75	
2 GARLON 28 DAP 3 AS 0.0 oz/a B 102	5.0	9.00	11.50	9.00	10.50	11.00	10.2	28.00	
207	5.0	6.00	8.50	7.00	9.00	6.00	7.3	26.00	
312	30.0	7.00	8.00	10.00	10.00	8.00	8.6	33.00	
403	5.0	9.00	9.00	7.00	8.00	7.00	8.0	22.00	
Mean =	11.3	7.75	9.25	8.25	9.38	8.00	8.5	27.25	
3 GARLON 56 DAP 3 AS 0.0 oz/a C 103	0.0	9.00	10.00	9.00	9.00	8.00	9.0	28.00	
202	30.0	10.00	9.00	10.00	9.00	8.00	9.2	29.00	
304	5.0	8.00	9.00	8.00	8.00	9.00	8.4	26.00	
401	10.0	10.00	9.00	9.00	8.00	8.50	8.9	30.00	
Mean =	11.3	9.25	9.25	9.00	8.50	8.38	8.9	28.25	
4 GARLON PRE 3 AS 0.32 oz/a A 104	0.0	7.50	10.00	9.00	8.50	9.00	8.8	27.00	
208	0.0	9.00	7.00	8.00	7.50	8.50	8.0	24.00	
311	25.0	10.00	10.00	9.00	10.00	8.50	9.5	28.00	
405	5.0	9.00	7.00	7.50	8.00	6.50	7.6	25.00	
Mean =	7.5	8.88	8.50	8.38	8.50	8.13	8.5	26.00	
5 GARLON 28 DAP 3 AS 0.32 oz/a B 105	0.0	8.50	8.50	8.50	9.00	8.00	8.5	24.00	
203	0.0	9.00	8.00	8.00	9.00	8.50	8.5	25.00	
302	20.0	8.00	9.00	9.00	9.00	10.50	9.1	29.00	
410	5.0	7.50	9.00	9.00	8.50	8.50	8.5	24.00	
Mean =	6.3	8.25	8.63	8.63	8.88	8.88	8.7	25.50	
6 GARLON 56 DAP 3 AS 0.32 oz/a C 106	0.0	9.00	8.00	8.50	9.50	10.00	9.0	24.00	
204	0.0	7.00	8.00	7.50	8.00	8.00	7.7	26.00	
305	5.0	9.00	9.00	7.00	7.00	8.00	8.0	30.00	
409	0.0	8.00	8.00	9.00	8.00	9.50	8.5	25.00	
Mean =	1.3	8.25	8.25	8.00	8.13	8.88	8.3	26.25	
7 GARLON PRE 3 AS 3.2 oz/a A 107	0.0	8.50	8.50	8.00	7.00	9.00	8.2	22.00	
205	0.0	9.00	8.00	8.00	7.50	6.50	7.8	25.00	
306	15.0	9.00	9.00	8.00	8.00	9.00	8.6	29.00	
408	0.0	8.50	8.00	6.50	8.50	9.00	8.1	24.00	
Mean =	3.8	8.75	8.38	7.63	7.75	8.38	8.2	25.00	
8 GARLON 28 DAP 3 AS 3.2 oz/a B 108	0.0	7.00	7.00	7.50	8.00	8.00	7.5	21.00	
206	0.0	8.00	8.50	7.00	7.00	8.00	7.7	22.00	
303	0.0	9.00	9.00	8.00	9.00	8.00	8.6	27.00	
407	0.0	8.00	7.50	8.50	8.00	8.00	8.0	25.00	
Mean =	0.0	8.00	8.00	7.75	8.00	8.00	8.0	23.75	
9 GARLON 56 DAP 3 AS 3.2 oz/a C 109	0.0	6.50	7.00	9.00	8.00	7.00	7.5	23.00	
211	5.0	9.00	8.00	9.00	10.00	9.00	9.0	26.00	
307	5.0	8.00	7.00	8.50	8.00	8.00	7.9	22.00	
402	0.0	9.00	7.00	9.00	9.00	9.00	8.6	26.50	
Mean =	2.5	8.13	7.25	8.88	8.75	8.25	8.3	24.38	
10 GARLON PRE 3 AS 32 oz/a A 110	0.0	5.00	6.00	7.00	6.00	6.00	6.0	22.00	
212	0.0	7.00	6.50	8.00	8.00	7.00	7.3	23.00	
301	0.0	8.00	6.00	7.00	7.00	8.00	7.2	23.00	
406	0.0	5.50	7.00	6.00	5.00	6.00	5.9	24.00	
Mean =	0.0	6.38	6.38	7.00	6.50	6.75	6.6	23.00	

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----	-----	----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -	Twin -
Rating Data Type	Lapping	Ht 1	Ht 2	Ht 3	Ht 4	Ht 5	hgt-avg	Width1
Rating Unit	Percent	Inches	Inches	Inches	Inches	Inches	Inches	In
Rating Date	Jun-29-20	Jul-2-20	Jul-2-20	Jul-2-20	Jul-2-20	Jul-2-20	Jul-2-20	Jul-2-20
PRM Data Type							T1	
# Subsamples, Dec.	- 1							
Trt Treatment Form Form Rate Appl								
No. Name Conc Type Rate Unit Code Plot	15	16	17	18	19	20	21	22
11 GARLON 3 AS 32 oz/a 111	0.0	5.00	6.00	6.00	6.00	5.00	5.6	12.00
28 DAP B 209	0.0	4.00	5.00	4.50	5.00	5.00	4.7	15.00
310	0.0	5.00	4.50	6.00	6.00	5.50	5.4	16.00
404	0.0	5.00	5.00	5.00	3.50	5.50	4.8	16.00
Mean =	0.0	4.75	5.13	5.38	5.13	5.25	5.1	14.75
12 GARLON 3 AS 32 oz/a 112	10.0	7.00	6.00	7.00	7.00	8.00	7.0	21.00
56 DAP C 201	0.0	7.00	7.50	7.00	7.00	8.00	7.3	21.00
309	0.0	6.00	7.00	8.00	7.00	6.50	6.9	18.00
412	0.0	6.50	7.50	6.50	7.00	7.00	6.9	20.00
Mean =	2.5	6.63	7.00	7.13	7.00	7.38	7.0	20.00

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
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 Appl													
No. Name Conc Type Rate Unit Code Plot													
1 GARLON PRE	3 AS	0.0 oz/a											
			A	101	25.00	24.00	26.00	31.00	26.0	0.0	0.0	12.0	
				210	28.00	30.00	26.00	26.50	27.9	0.0	0.0	12.0	
				308	23.00	24.00	24.00	25.00	24.8	0.0	0.0	11.0	
				411	25.00	27.00	28.00	27.00	27.4	0.0	0.0	12.0	
				Mean =	25.25	26.25	26.00	27.38	26.5	0.0	0.0	11.8	
2 GARLON 28 DAP	3 AS	0.0 oz/a											
			B	102	27.00	28.00	29.00	29.00	28.2	0.0	0.0	13.0	
				207	24.00	25.00	27.00	29.00	26.2	0.0	0.0	13.0	
				312	28.00	32.00	31.50	30.50	31.0	0.0	0.0	11.0	
				403	23.00	24.00	25.00	25.00	23.8	0.0	0.0	12.0	
				Mean =	25.50	27.25	28.13	28.38	27.3	0.0	0.0	12.3	
3 GARLON 56 DAP	3 AS	0.0 oz/a											
			C	103	27.00	26.00	29.00	28.00	27.6	0.0	0.0	12.0	
				202	26.00	29.00	25.00	28.00	27.4	0.0	0.0	11.0	
				304	28.00	24.00	23.00	27.00	25.6	0.0	0.0	11.0	
				401	28.00	30.00	28.00	24.00	28.0	0.0	0.0	10.0	
				Mean =	27.25	27.25	26.25	26.75	27.2	0.0	0.0	11.0	
4 GARLON PRE	3 AS	0.32 oz/a											
			A	104	26.00	27.00	29.00	30.00	27.8	0.0	0.0	15.0	
				208	27.00	26.00	26.00	26.00	25.8	5.0	0.0	11.0	
				311	23.00	29.00	27.00	24.00	26.2	0.0	0.0	11.0	
				405	24.00	22.00	26.50	26.00	24.7	0.0	0.0	10.0	
				Mean =	25.00	26.00	27.13	26.50	26.1	1.3	0.0	11.8	
5 GARLON 28 DAP	3 AS	0.32 oz/a											
			B	105	21.00	26.00	25.00	25.00	24.2	0.0	0.0	13.0	
				203	27.00	27.00	28.00	30.00	27.4	0.0	0.0	13.0	
				302	29.00	26.00	26.00	26.00	27.2	0.0	0.0	12.0	
				410	24.00	19.00	25.00	27.00	23.8	0.0	0.0	11.0	
				Mean =	25.25	24.50	26.00	27.00	25.7	0.0	0.0	12.3	
6 GARLON 56 DAP	3 AS	0.32 oz/a											
			C	106	20.00	24.00	26.00	24.00	23.6	0.0	0.0	14.0	
				204	22.00	25.00	25.00	27.00	25.0	0.0	0.0	14.0	
				305	25.00	26.00	29.00	26.00	27.2	0.0	0.0	11.0	
				409	23.00	21.00	26.00	21.00	23.2	0.0	0.0	9.0	
				Mean =	22.50	24.00	26.50	24.50	24.8	0.0	0.0	12.0	
7 GARLON PRE	3 AS	3.2 oz/a											
			A	107	27.00	24.00	25.00	22.00	24.0	0.0	0.0	13.0	
				205	25.00	29.00	25.00	26.00	26.0	5.0	0.0	13.0	
				306	23.00	28.00	31.00	30.00	28.2	0.0	0.0	13.0	
				408	29.00	24.00	25.00	24.00	25.2	0.0	0.0	10.0	
				Mean =	26.00	26.25	26.50	25.50	25.9	1.3	0.0	12.3	
8 GARLON 28 DAP	3 AS	3.2 oz/a											
			B	108	23.00	23.00	22.00	22.00	22.2	5.0	0.0	13.0	
				206	28.00	23.00	23.00	23.00	23.8	10.0	0.0	10.0	
				303	27.00	22.00	25.00	20.00	24.2	10.0	0.0	10.0	
				407	26.00	27.00	22.00	25.00	25.0	0.0	0.0	12.0	
				Mean =	26.00	23.75	23.00	22.50	23.8	6.3	0.0	11.3	
9 GARLON 56 DAP	3 AS	3.2 oz/a											
			C	109	25.00	24.00	23.00	23.00	23.6	5.0	0.0	11.0	
				211	25.00	24.00	27.00	26.00	25.6	0.0	0.0	11.0	
				307	24.00	20.00	25.00	21.00	22.4	0.0	0.0	11.0	
				402	26.00	25.00	21.00	28.00	25.3	0.0	0.0	10.0	
				Mean =	25.00	23.25	24.00	24.50	24.2	1.3	0.0	10.8	
10 GARLON PRE	3 AS	32 oz/a											
			A	110	21.00	22.00	22.00	21.00	21.6	15.0	0.0	10.0	
				212	25.00	19.00	24.00	23.00	22.8	10.0	0.0	10.0	
				301	22.00	21.00	19.00	23.50	21.7	15.0	0.0	9.0	
				406	20.50	24.00	18.00	24.00	22.1	15.0	0.0	8.0	
				Mean =	22.13	21.50	20.75	22.88	22.1	13.8	0.0	9.3	

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Twin -	Twin -	Twin -	Twin -	Twin -	Plant -	Leaf -	Plant -
Rating Data Type	Width2	Width3	Width4	Width5	avg-wdth	Stunting	Chlorosi	Hgt1
Rating Unit	In	In	In	In	In	Percent	Percent	In
Rating Date	Jul-2-20	Jul-2-20	Jul-9-20	Jul-2-20	Jul-2-20	Jul-23-20	Jul-23-20	Jul-27-20
PRM Data Type								
# Subsamples, Dec.					T2 - 1			
Trt Treatment Form Form Rate Appl								
No. Name Conc Type Rate Unit Code Plot	23	24	25	26	27	28	29	30
11 GARLON 3 AS 32 oz/a 111	16.00	19.00	19.00	15.00	16.2	50.0	20.0	7.0
28 DAP B 209	14.00	14.00	14.50	18.00	15.1	50.0	20.0	6.0
310	15.00	15.50	16.00	17.00	15.9	50.0	20.0	6.0
404	16.50	17.00	17.00	18.00	16.9	50.0	20.0	8.0
Mean =	15.38	16.38	16.63	17.00	16.0	50.0	20.0	6.8
12 GARLON 3 AS 32 oz/a 112	20.00	22.00	25.00	22.00	22.0	40.0	20.0	6.0
56 DAP C 201	23.00	25.00	22.00	20.50	22.3	40.0	20.0	6.0
309	21.00	25.00	23.00	20.00	21.4	40.0	20.0	8.0
412	26.00	25.00	21.00	22.50	22.9	40.0	20.0	6.0
Mean =	22.50	24.25	22.75	21.25	22.2	40.0	20.0	6.5

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 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 Appl							
No. Name Conc Type Rate Unit Code Plot	31	32	33	34	35	36	37
1 GARLON PRE 3 AS 0.0 oz/a A 101	12.0	12.0	15.0	16.0	13.4	36.0	36.0
210	12.0	12.0	12.0	12.0	12.0	36.0	36.0
308	12.0	13.0	11.0	12.0	11.8	36.0	36.0
411	12.0	10.0	12.0	13.0	11.8	36.0	36.0
Mean =	12.0	11.8	12.5	13.3	12.3	36.0	36.0
2 GARLON 28 DAP 3 AS 0.0 oz/a B 102	13.0	13.0	12.0	15.0	13.2	36.0	36.0
207	13.0	13.0	12.0	13.0	12.8	36.0	36.0
312	11.0	12.0	13.0	13.0	12.0	36.0	36.0
403	11.0	12.0	12.0	11.0	11.6	36.0	36.0
Mean =	12.0	12.5	12.3	13.0	12.4	36.0	36.0
3 GARLON 56 DAP 3 AS 0.0 oz/a C 103	11.0	12.0	12.0	13.0	12.0	36.0	36.0
202	12.0	13.0	12.0	13.0	12.2	36.0	36.0
304	11.0	11.0	12.0	11.0	11.2	36.0	36.0
401	10.0	10.0	11.0	12.0	10.6	36.0	36.0
Mean =	11.0	11.5	11.8	12.3	11.5	36.0	36.0
4 GARLON PRE 3 AS 0.32 oz/a A 104	13.0	12.0	11.0	13.0	12.8	36.0	36.0
208	10.0	13.0	12.0	11.0	11.4	36.0	36.0
311	12.0	12.0	12.0	13.0	12.0	36.0	36.0
405	11.0	10.0	12.0	11.0	10.8	36.0	36.0
Mean =	11.5	11.8	11.8	12.0	11.8	36.0	36.0
5 GARLON 28 DAP 3 AS 0.32 oz/a B 105	13.0	12.0	11.0	14.0	12.6	36.0	36.0
203	12.0	12.0	13.0	12.0	12.4	36.0	36.0
302	12.0	13.0	13.0	12.0	12.4	36.0	36.0
410	13.0	12.0	11.0	12.0	11.8	36.0	36.0
Mean =	12.5	12.3	12.0	12.5	12.3	36.0	36.0
6 GARLON 56 DAP 3 AS 0.32 oz/a C 106	12.0	12.0	13.0	15.0	13.2	36.0	36.0
204	13.0	12.0	12.0	12.0	12.6	36.0	36.0
305	12.0	12.0	12.0	11.0	11.6	36.0	36.0
409	10.0	11.0	12.0	12.0	10.8	36.0	36.0
Mean =	11.8	11.8	12.3	12.5	12.1	36.0	36.0
7 GARLON PRE 3 AS 3.2 oz/a A 107	14.0	12.0	12.0	14.0	13.0	36.0	36.0
205	13.0	12.0	11.0	12.0	12.2	36.0	36.0
306	12.0	12.0	13.0	12.0	12.4	36.0	36.0
408	12.0	12.0	12.0	12.0	11.6	36.0	36.0
Mean =	12.8	12.0	12.0	12.5	12.3	36.0	36.0
8 GARLON 28 DAP 3 AS 3.2 oz/a B 108	11.0	11.0	11.0	13.0	11.8	36.0	36.0
206	12.0	11.0	11.0	11.0	11.0	36.0	36.0
303	9.0	10.0	10.0	9.0	9.6	36.0	36.0
407	11.0	12.0	11.0	10.0	11.2	36.0	36.0
Mean =	10.8	11.0	10.8	10.8	10.9	36.0	36.0
9 GARLON 56 DAP 3 AS 3.2 oz/a C 109	11.0	12.0	12.0	10.0	11.2	36.0	36.0
211	13.0	12.0	13.0	13.0	12.4	36.0	36.0
307	9.0	12.0	11.0	11.0	10.8	36.0	36.0
402	10.0	11.0	12.0	11.0	10.8	36.0	36.0
Mean =	10.8	11.8	12.0	11.3	11.3	36.0	36.0
10 GARLON PRE 3 AS 32 oz/a A 110	10.0	9.0	10.0	10.0	9.8	36.0	36.0
212	10.0	9.0	11.0	9.0	9.8	36.0	36.0
301	10.0	8.0	11.0	10.0	9.6	36.0	36.0
406	9.0	7.0	10.0	8.0	8.4	36.0	36.0
Mean =	9.8	8.3	10.5	9.3	9.4	36.0	36.0

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -	Plant -
Rating Data Type	Hgt2	Hgt3	Hgt4	Hgt5	Hgt-AVG	Width1	Width2
Rating Unit	In	In	In	In	In	In	In
Rating Date	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20
PRM Data Type							
# Subsamples, Dec.	T3				T3		
	- 1				- 1		
Trt Treatment Form Form Rate Appl							
No. Name Conc Type Rate Unit Code Plot	31	32	33	34	35	36	37
11 GARLON 3 AS 32 oz/a 111	7.0	7.0	8.0	7.0	7.2	24.0	27.0
28 DAP B 209	7.0	8.0	6.0	7.0	6.8	20.0	22.0
310	7.0	7.0	7.0	7.0	6.8	23.0	25.0
404	6.0	6.0	5.0	5.0	6.0	25.0	25.0
Mean =	6.8	7.0	6.5	6.5	6.7	23.0	24.8
12 GARLON 3 AS 32 oz/a 112	7.0	7.0	8.0	7.0	7.0	26.0	36.0
56 DAP C 201	7.0	6.0	7.0	7.0	6.6	24.0	27.0
309	7.0	6.0	7.0	4.0	6.4	28.0	26.0
412	6.0	6.0	8.0	8.0	6.8	31.0	26.0
Mean =	6.8	6.3	7.5	6.5	6.7	27.3	28.8

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 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 Appl							
No. Name Conc Type Rate Unit Code Plot	38	39	40	41	42	43	44
1 GARLON PRE 3 AS 0.0 oz/a A 101	36.0	36.0	36.0	36.0	13.0	16.0	16.0
210	36.0	36.0	36.0	36.0	15.0	14.0	14.0
308	36.0	36.0	36.0	36.0	15.0	14.0	14.0
411	36.0	36.0	36.0	36.0	14.0	14.0	13.0
Mean =	36.0	36.0	36.0	36.0	14.3	14.5	14.3
2 GARLON 28 DAP 3 AS 0.0 oz/a B 102	36.0	36.0	36.0	36.0	15.0	15.0	16.0
207	36.0	36.0	36.0	36.0	15.0	15.0	16.0
312	36.0	36.0	36.0	36.0	13.0	12.0	14.0
403	36.0	36.0	36.0	36.0	14.0	14.0	13.0
Mean =	36.0	36.0	36.0	36.0	14.3	14.0	14.8
3 GARLON 56 DAP 3 AS 0.0 oz/a C 103	36.0	36.0	36.0	36.0	17.0	16.0	14.0
202	36.0	36.0	36.0	36.0	15.0	14.0	14.0
304	36.0	36.0	36.0	36.0	14.0	15.0	14.0
401	36.0	36.0	36.0	36.0	13.0	12.0	12.0
Mean =	36.0	36.0	36.0	36.0	14.8	14.3	13.5
4 GARLON PRE 3 AS 0.32 oz/a A 104	36.0	36.0	36.0	36.0	15.0	16.0	15.0
208	36.0	36.0	36.0	36.0	14.0	15.0	15.0
311	36.0	36.0	36.0	36.0	15.0	14.0	13.0
405	36.0	36.0	36.0	36.0	12.0	12.0	13.0
Mean =	36.0	36.0	36.0	36.0	14.0	14.3	14.0
5 GARLON 28 DAP 3 AS 0.32 oz/a B 105	36.0	36.0	36.0	36.0	15.0	15.0	13.0
203	36.0	36.0	36.0	36.0	15.0	15.0	15.0
302	36.0	36.0	36.0	36.0	15.0	13.0	15.0
410	36.0	36.0	36.0	36.0	15.0	15.0	16.0
Mean =	36.0	36.0	36.0	36.0	15.0	14.5	14.8
6 GARLON 56 DAP 3 AS 0.32 oz/a C 106	36.0	36.0	36.0	36.0	17.0	16.0	16.0
204	36.0	36.0	36.0	36.0	14.0	16.0	15.0
305	36.0	36.0	36.0	36.0	14.0	13.0	13.0
409	36.0	36.0	36.0	36.0	12.0	14.0	15.0
Mean =	36.0	36.0	36.0	36.0	14.3	14.8	14.8
7 GARLON PRE 3 AS 3.2 oz/a A 107	36.0	36.0	36.0	36.0	16.0	16.0	15.0
205	36.0	36.0	36.0	36.0	15.0	15.0	14.0
306	36.0	36.0	36.0	36.0	14.0	14.0	14.0
408	36.0	36.0	36.0	36.0	14.0	15.0	16.0
Mean =	36.0	36.0	36.0	36.0	14.8	15.0	14.8
8 GARLON 28 DAP 3 AS 3.2 oz/a B 108	36.0	36.0	36.0	36.0	15.0	14.0	13.0
206	36.0	36.0	36.0	36.0	14.0	15.0	15.0
303	36.0	36.0	36.0	36.0	14.0	15.0	13.0
407	36.0	36.0	36.0	36.0	16.0	14.0	15.0
Mean =	36.0	36.0	36.0	36.0	14.8	14.5	14.0
9 GARLON 56 DAP 3 AS 3.2 oz/a C 109	36.0	36.0	36.0	36.0	16.0	13.0	15.0
211	36.0	36.0	36.0	36.0	14.0	15.0	15.0
307	36.0	36.0	36.0	36.0	14.0	12.0	15.0
402	36.0	36.0	36.0	36.0	14.0	14.0	13.0
Mean =	36.0	36.0	36.0	36.0	14.5	13.5	14.5
10 GARLON PRE 3 AS 32 oz/a A 110	36.0	36.0	36.0	36.0	13.0	16.0	15.0
212	36.0	36.0	36.0	36.0	15.0	13.0	12.0
301	36.0	36.0	36.0	36.0	13.0	13.0	13.0
406	36.0	36.0	36.0	36.0	14.0	12.0	13.0
Mean =	36.0	36.0	36.0	36.0	13.8	13.5	13.3

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	Plant -	Plant -			
Rating Data Type	Width3	Width4	Width5	WDTH-AVG	Ht1	Ht2	Ht3
Rating Unit	In	In	In	In	In	In	In
Rating Date	Jul-27-20	Jul-27-20	Jul-27-20	Jul-27-20	Aug-17-20	Aug-17-20	Aug-17-20
PRM Data Type				T4			
# Subsamples, Dec.	- 1						
Trt Treatment Form Form Rate Appl							
No. Name Conc Type Rate Unit Code Plot	38	39	40	41	42	43	44
11 GARLON 3 AS 32 oz/a 111	26.0	22.0	27.0	25.2	11.0	12.0	13.0
28 DAP B 209	23.0	24.0	24.0	22.6	11.0	10.0	10.0
310	28.0	23.0	26.0	25.0	13.0	12.0	11.0
404	25.0	26.0	27.0	25.6	11.0	9.0	12.0
Mean =	25.5	23.8	26.0	24.6	11.5	10.8	11.5
12 GARLON 3 AS 32 oz/a 112	27.0	32.0	30.0	30.2	9.0	12.0	10.0
56 DAP C 201	28.0	27.0	26.0	26.4	10.0	11.0	9.0
309	26.0	28.0	23.0	26.2	9.0	9.0	10.0
412	27.0	25.0	27.0	27.2	9.0	9.0	10.0
Mean =	27.0	28.0	26.5	27.5	9.3	10.3	9.8

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----	----	-----	----	---	----	----
Crop Code	Arahy	Arahy	ARAHY	Arahy	Arahy	Arahy	Arahy
Part Rated			PLANT -				
Rating Data Type	Ht4	Ht5	AVG-HGT	Wth1	Wth2	Wth3	Wth4
Rating Unit	In	In	IN	In	In	In	In
Rating Date	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20
PRM Data Type			T5				
# Subsamples, Dec.			- 1				
Trt Treatment Form Form Rate Appl							
No. Name Conc Type Rate Unit Code Plot	45	46	47	48	49	50	51
1 GARLON PRE 3 AS 0.0 oz/a A 101	14.0	14.0	14.6	36.0	36.0	36.0	36.0
210	16.0	14.0	14.6	36.0	36.0	36.0	36.0
308	15.0	15.0	14.6	36.0	36.0	36.0	36.0
411	15.0	15.0	14.2	36.0	36.0	36.0	36.0
Mean =	15.0	14.5	14.5	36.0	36.0	36.0	36.0
2 GARLON 28 DAP 3 AS 0.0 oz/a B 102	17.0	18.0	16.2	36.0	36.0	36.0	36.0
207	16.0	15.0	15.4	36.0	36.0	36.0	36.0
312	12.0	12.0	12.6	36.0	36.0	36.0	36.0
403	15.0	14.0	14.0	36.0	36.0	36.0	36.0
Mean =	15.0	14.8	14.6	36.0	36.0	36.0	36.0
3 GARLON 56 DAP 3 AS 0.0 oz/a C 103	15.0	16.0	15.6	36.0	36.0	36.0	36.0
202	14.0	15.0	14.4	36.0	36.0	36.0	36.0
304	15.0	14.0	14.4	36.0	36.0	36.0	36.0
401	13.0	13.0	12.6	36.0	36.0	36.0	36.0
Mean =	14.3	14.5	14.3	36.0	36.0	36.0	36.0
4 GARLON PRE 3 AS 0.32 oz/a A 104	15.0	16.0	15.4	36.0	36.0	36.0	36.0
208	15.0	13.0	14.4	36.0	36.0	36.0	36.0
311	14.0	14.0	14.0	36.0	36.0	36.0	36.0
405	13.0	14.0	12.8	36.0	36.0	36.0	36.0
Mean =	14.3	14.3	14.2	36.0	36.0	36.0	36.0
5 GARLON 28 DAP 3 AS 0.32 oz/a B 105	16.0	16.0	15.0	36.0	36.0	36.0	36.0
203	16.0	15.0	15.2	36.0	36.0	36.0	36.0
302	15.0	14.0	14.4	36.0	36.0	36.0	36.0
410	12.0	15.0	14.6	36.0	36.0	36.0	36.0
Mean =	14.8	15.0	14.8	36.0	36.0	36.0	36.0
6 GARLON 56 DAP 3 AS 0.32 oz/a C 106	16.0	17.0	16.4	36.0	36.0	36.0	36.0
204	15.0	13.0	14.6	36.0	36.0	36.0	36.0
305	13.0	13.0	13.2	36.0	36.0	36.0	36.0
409	13.0	13.0	13.4	36.0	36.0	36.0	36.0
Mean =	14.3	14.0	14.4	36.0	36.0	36.0	36.0
7 GARLON PRE 3 AS 3.2 oz/a A 107	16.0	15.0	15.6	36.0	36.0	36.0	36.0
205	15.0	13.0	14.4	36.0	36.0	36.0	36.0
306	15.0	14.0	14.2	36.0	36.0	36.0	36.0
408	15.0	14.0	14.8	36.0	36.0	36.0	36.0
Mean =	15.3	14.0	14.8	36.0	36.0	36.0	36.0
8 GARLON 28 DAP 3 AS 3.2 oz/a B 108	14.0	15.0	14.2	36.0	36.0	36.0	36.0
206	15.0	16.0	15.0	36.0	36.0	36.0	36.0
303	14.0	14.0	14.0	36.0	36.0	36.0	36.0
407	14.0	13.0	14.4	36.0	36.0	36.0	36.0
Mean =	14.3	14.5	14.4	36.0	36.0	36.0	36.0
9 GARLON 56 DAP 3 AS 3.2 oz/a C 109	15.0	14.0	14.6	36.0	36.0	36.0	36.0
211	16.0	15.0	15.0	36.0	36.0	36.0	36.0
307	15.0	14.0	14.0	36.0	36.0	36.0	36.0
402	15.0	14.0	14.0	36.0	36.0	36.0	36.0
Mean =	15.3	14.3	14.4	36.0	36.0	36.0	36.0
10 GARLON PRE 3 AS 32 oz/a A 110	14.0	15.0	14.6	36.0	36.0	36.0	36.0
212	13.0	13.0	13.2	36.0	36.0	36.0	36.0
301	11.0	14.0	12.8	36.0	36.0	36.0	36.0
406	13.0	13.0	13.0	36.0	36.0	36.0	36.0
Mean =	12.8	13.8	13.4	36.0	36.0	36.0	36.0

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----	----	-----	----	---	----	----
Crop Code	Arahy	Arahy	ARAHY	Arahy	Arahy	Arahy	Arahy
Part Rated			PLANT -				
Rating Data Type	Ht4	Ht5	AVG-HGT	Wth1	Wth2	Wth3	Wth4
Rating Unit	In	In	IN	In	In	In	In
Rating Date	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20	Aug-17-20
PRM Data Type			T5				
# Subsamples, Dec.			- 1				
Trt Treatment Form Form Rate Appl							
No. Name Conc Type Rate Unit Code Plot	45	46	47	48	49	50	51
11 GARLON 3 AS 32 oz/a 111	12.0	12.0	12.0	36.0	36.0	36.0	36.0
28 DAP B 209	12.0	9.0	10.4	36.0	36.0	36.0	36.0
310	12.0	13.0	12.2	36.0	36.0	36.0	36.0
404	9.0	8.0	9.8	36.0	36.0	36.0	36.0
Mean =	11.3	10.5	11.1	36.0	36.0	36.0	36.0
12 GARLON 3 AS 32 oz/a 112	12.0	11.0	10.8	26.0	31.0	28.0	33.0
56 DAP C 201	10.0	10.0	10.0	32.0	25.0	27.0	30.0
309	10.0	9.0	9.4	28.0	29.0	31.0	30.0
412	8.0	10.0	9.2	28.0	29.0	32.0	28.0
Mean =	10.0	10.0	9.9	28.5	28.5	29.5	30.3

d=Means are reported in de-transformed data units

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----	-----	-----	-----	-----	-----
Crop Code	Arahy	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
Part Rated	Wth5	PLANT -	DIRTY -	CLEAN -	CLEAN -	YIELD -
Rating Data Type	In	AVG-WDTH	YIELD	YIELD	YIELD	LOSS
Rating Unit	Aug-17-20	IN	LBS/PLOT	LBS/PLOT	LBS/A	PERCENT
Rating Date		Aug-17-20	Oct-1-20	Oct-1-20	Oct-1-20	Oct-1-20
PRM Data Type		T6		T7	TY8	
# Subsamples, Dec.		- 1		- 1	- 0	
Trt Treatment Form Form Rate Appl						
No. Name Conc Type Rate Unit Code Plot	52	53	54	55	56	57
1 GARLON 3 AS 0.0 oz/a						
PRE A	101 36.0	36.0	18.70	18.3	5162	0.00
	210 36.0	36.0	18.00	17.6	4969	0.00
	308 36.0	36.0	17.90	17.5	4941	0.00
	411 36.0	36.0	21.60	21.2	5963	0.00
Mean =	36.0	36.0	19.05	18.7	5259	0.00
2 GARLON 3 AS 0.0 oz/a						
28 DAP B	102 36.0	36.0	19.40	19.0	5355	0.00
	207 36.0	36.0	18.80	18.4	5190	0.00
	312 36.0	36.0	21.00	20.6	5797	0.00
	403 36.0	36.0	18.00	17.6	4969	0.00
Mean =	36.0	36.0	19.30	18.9	5328	0.00
3 GARLON 3 AS 0.0 oz/a						
56 DAP C	103 36.0	36.0	15.90	15.6	4389	0.00
	202 36.0	36.0	17.90	17.5	4941	0.00
	304 36.0	36.0	18.60	18.2	5135	0.00
	401 36.0	36.0	17.50	17.2	4831	0.00
Mean =	36.0	36.0	17.48	17.1	4824	0.00
4 GARLON 3 AS 0.32 oz/a						
PRE A	104 36.0	36.0	16.70	16.4	4610	10.70
	208 36.0	36.0	17.40	17.1	4803	3.30
	311 36.0	36.0	20.60	20.2	5687	0.00
	405 36.0	36.0				
Mean =	36.0	36.0	18.23	17.9	5033	4.67
5 GARLON 3 AS 0.32 oz/a						
28 DAP B	105 36.0	36.0	17.50	17.2	4831	9.80
	203 36.0	36.0	17.60	17.2	4859	6.40
	302 36.0	36.0	16.40	16.1	4527	21.90
	410 36.0	36.0	19.00	18.6	5245	0.00
Mean =	36.0	36.0	17.63	17.3	4865	9.53
6 GARLON 3 AS 0.32 oz/a						
56 DAP C	106 36.0	36.0	18.80	18.4	5190	0.00
	204 36.0	36.0	17.00	16.7	4693	5.00
	305 36.0	36.0	19.50	19.1	5383	0.00
	409 36.0	36.0	18.90	18.5	5217	0.00
Mean =	36.0	36.0	18.55	18.2	5121	1.25
7 GARLON 3 AS 3.2 oz/a						
PRE A	107 36.0	36.0	18.60	18.2	5135	0.50
	205 36.0	36.0	18.20	17.8	5024	0.00
	306 36.0	36.0	21.50	21.1	5935	0.00
	408 36.0	36.0	19.70	19.3	5438	8.80
Mean =	36.0	36.0	19.50	19.1	5383	2.33
8 GARLON 3 AS 3.2 oz/a						
28 DAP B	108 36.0	36.0	16.00	15.7	4417	17.50
	206 36.0	36.0	18.40	18.0	5079	2.10
	303 36.0	36.0	15.40	15.1	4251	26.70
	407 36.0	36.0	19.10	18.7	5273	0.00
Mean =	36.0	36.0	17.23	16.9	4755	11.58
9 GARLON 3 AS 3.2 oz/a						
56 DAP C	109 36.0	36.0	17.70	17.3	4886	0.00
	211 36.0	36.0	17.40	17.1	4803	2.80
	307 36.0	36.0	18.00	17.6	4969	3.20
	402 36.0	36.0	18.70	18.3	5162	0.00
Mean =	36.0	36.0	17.95	17.6	4955	1.50
10 GARLON 3 AS 32 oz/a						
PRE A	110 36.0	36.0	16.20	15.9	4472	13.40
	212 36.0	36.0	17.80	17.4	4914	1.10
	301 36.0	36.0	15.10	14.8	4168	15.60
	406 36.0	36.0	16.00	15.7	4417	25.90
Mean =	36.0	36.0	16.28	15.9	4493	14.00

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----	-----	-----	-----	-----	-----
Crop Code	Arahy	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
Part Rated		PLANT -	DIRTY -	CLEAN -	CLEAN -	YIELD -
Rating Data Type	Wth5	AVG-WIDTH	YIELD	YIELD	YIELD	LOSS
Rating Unit	In	IN	LBS/PLOT	LBS/PLOT	LBS/A	PERCENT
Rating Date	Aug-17-20	Aug-17-20	Oct-1-20	Oct-1-20	Oct-1-20	Oct-1-20
PRM Data Type		T6		T7	TY8	
# Subsamples, Dec.		- 1		- 1	- 0	
Trt Treatment Form Form Rate Appl						
No. Name Conc Type Rate Unit Code Plot	52	53	54	55	56	57
11 GARLON 3 AS 32 oz/a 111	36.0	36.0	10.60	10.4	2926	45.40
28 DAP B 209	36.0	36.0	8.80	8.6	2429	53.20
310	36.0	36.0	10.00	9.8	2761	52.40
404	36.0	36.0	8.90	8.7	2457	50.60
Mean =	36.0	36.0	9.58	9.4	2643	50.40
12 GARLON 3 AS 32 oz/a 112	34.0	30.4	7.80	7.6	2153	50.90
56 DAP C 201	32.0	29.2	8.30	8.1	2291	53.60
309	27.0	29.0	7.70	7.5	2126	58.60
412	28.0	29.0	7.80	7.6	2153	55.40
Mean =	30.3	29.4	7.90	7.7	2181	54.63

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)

Trial ID: PE-03-200 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

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

Leaf = LEAF / FOLIAGE

PRM Data Type

TS[1] = SQR([1] + .5)

TS[3] = SQR([3] + .5)

T1 = ([C16]+[C17]+[C18]+[C19]+[C20])/5

T2 = ([C22]+[C23]+[C24]+[C25]+[C26])/5

T3 = ([C30]+[C31]+[C32]+[C33]+[C34])/5

T4 = ([C36]+[C37]+[C38]+[C39]+[C40])/5

T5 = ([C42]+[C43]+[C44]+[C45]+[C46])/5

T6 = ([C48]+[C49]+[C50]+[C51]+[C52])/5

T7 = [C54]*0.98

TY8 = 281.688*[55]