

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR) YEAR 2	
Trial ID: PE-06-21	Study Dir.: CHAD ABBOTT
Location: PONDER FARM	Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 25 feet
 Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 3 plots; minimum=0.5866 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3
1	GARLON PRE	3 AS		0.0			-	101	202	314
2	GARLON 30 DAP	3 AS		0.0			-	102	211	303
3	GARLON 59 DAP	3 AS		0.0			-	103	214	312
4	GARLON PRE	3 AS		0.32 oz/a		0.25 mL/mx	-	104	206	305
5	GARLON 30 DAP	3 AS		0.32 oz/a		0.25 mL/mx	-	105	204	301
6	GARLON 59 DAP	3 AS		0.32 oz/a		0.25 mL/mx	-	106	203	309
7	GARLON PRE	3 AS		3.2 oz/a		2.5 mL/mx	-	107	209	315
8	GARLON 30 DAP	3 AS		3.2 oz/a		2.5 mL/mx	-	108	215	307
9	GARLON 59 DAP	3 AS		3.2 oz/a		2.5 mL/mx	-	109	205	304
10	GARLON PRE	3 AS		6.4 oz/a		4.999 mL/mx	-	110	213	311
11	GARLON 30 DAP	3 AS		6.4 oz/a		4.999 mL/mx	-	111	201	313
12	GARLON 59 DAP	3 AS		6.4 oz/a		4.999 mL/mx	-	112	207	310
13	GARLON PRE	3 AS		32 oz/a		25.0 mL/mx	-	113	208	306
14	GARLON 30 DAP	3 AS		32 oz/a		25.0 mL/mx	-	114	210	308
15	GARLON 59 DAP	3 AS		32 oz/a		25.0 mL/mx	-	115	212	302

Sort Order: Treatment

Trial Comments
<p>MAINTAINED WEED-FREE</p> <p>STRONGARM @ 0.45 OZ/A + PROWL H2O @ 32 OZ/A - PRE (05/04/21) CADRE @ 4 OZ/A + DUAL MAGNUM @ 16 OZ/A - 06/03/21</p> <p>DIGGING DATE: 09/23/21 HARVEST DATE: 09/28/21 HARVEST MOISTURE: 11.0% YIELDS ADJUSTED TO 10% 2% YIELD DEDUCTION FOR FM</p> <p><u>SUMMARY:</u></p> <p>1) ON MAY 20 (17 DAP), PEANUT STAND/DENSITY WAS SIGNIFICANTLY REDUCED BY 6.4 OZ/A AND 32 OZ/A OF GARLON APPLIED PRE. 32 OZ/A CAUSED MORE STAND LOSS THAN 6.4 OZ/A. ADDITIONALLY, THESE SAME RATES CAUSED SIGNIFICANT PEANUT STUNTING.</p> <p>2) ON JUNE 16 (44 DAP), SIGNIFICANT PEANUT STUNTING WAS OBSERVED FROM GARLON AT 6.4 OZ/A AND 32 OZ/A APPLIED PRE AND 30 DAP.</p> <p>3) PEANUT PLANT HEIGHTS ON JULY 6 (64 DAP) WERE SIGNIFICANTLY REDUCED BY GARLON APPLIED PRE @ 32 OZ/A</p>

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AND 6.4 OZ/A AND 32 OZ/A WHEN APPLIED AT 30 DAP OR 59 DAP.

4) PEANUT PLANT WIDTHS ON JULY 6 (64 DAP) WERE SIGNIFICANTLY REDUCED BY GARLON APPLIED AT 6.4 OZ/A AND 32 OZ/A WHEN APPLIED AT 30 OR 59 DAP.

5) FOR PEANUT YIELD, THE FOLLOWING OBSERVATIONS WERE MADE:

A) THE ONLY PRE RATE OF GARLON THAT CAUSED A SIGNIFICANT PEANUT YIELD LOSS WAS 32 OZ/A.

B) PEANUT YIELDS FROM GARLON APPLIED 30 OR 59 DAP WERE ONLY REDUCED BY THE 6.4 OZ/A AND 32 OZ/A RATES. 32 OZ/A CAUSED GREATER YIELD LOSSES THAN 6.4 OZ/A.

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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:** May-3-21
Planting Method: MONOSEM TWIN ROW **Rate:** 3.1 SEED/FT **Depth:** 2 IN
Perennial Age: _____ **Row Spacing:** _____ **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 3
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** FACTOR
Trial Initiation Comments: 300 LBS/A-5-15-30 PREPLANT: THIMET 20G INFR @ 5.25 LBS/A; RANCONA SEED TRT; 36"-9" TWIN ROW SPACING; 1000 LBS/A GYPSUM;
Previous: Crops **Pesticides** **Year**
 1. COTTON _____ 2020

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.91 **% Sand:** 94 **% Silt:** 0 **% Clay:** 6
pH: 6.0 **CEC:** 3.6 **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-3-21	_____	0.1	IN RAINFALL	_____	_____
2.	May-4-21	_____	1.15	IN RAINFALL	_____	_____
3.	May-8-21	_____	0.4	IN SPRINKLER - LATERAL MOVE	_____	_____
4.	May-11-21	_____	0.15	IN RAINFALL	_____	_____
5.	May-12-21	_____	0.6	IN RAINFALL	_____	_____
6.	May-20-21	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
7.	May-24-21	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
8.	Jun-1-21	_____	0.5	IN SPRINKLER - LATERAL MOVE	_____	_____
9.	Jun-4-21	_____	0.45	IN SPRINKLER - LATERAL MOVE	_____	_____
10.	Jun-4-21	_____	0.6	IN RAINFALL	_____	_____
11.	Jun-6-21	_____	0.4	IN RAINFALL	_____	_____
12.	Jun-7-21	_____	1.25	IN RAINFALL	_____	_____
13.	Jun-8-21	_____	0.15	IN RAINFALL	_____	_____
14.	Jun-11-21	_____	0.3	IN RAINFALL	_____	_____
15.	Jun-15-21	_____	0.3	IN RAINFALL	_____	_____
16.	Jun-17-21	_____	0.46	IN SPRINKLER - LATERAL MOVE	_____	_____
17.	Jun-20-21	_____	1.0	IN RAINFALL	_____	_____
18.	Jun-21-21	_____	2.4	IN RAINFALL	_____	_____

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

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APPLICATION DESCRIPTION						
	A	B	C	D	E	F
Application Date:	May-4-21	Jun-2-21	Jul-1-21	_____	_____	_____
Time of Day:	7:00 AM	6:45 AM	6:50 AM	_____	_____	_____
Application Method:	BROADCAST	BROADCAST	BROADCAST	_____	_____	_____
Application Timing:	PRE	30 DAP	59 DAP	_____	_____	_____
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE	_____	_____	_____
Air Temp., Unit:	68 F	67 F	72 F	_____	_____	_____
% Relative Humidity:	99	95	98	_____	_____	_____
Wind Velocity, Unit:	2 MPH	3 MPH	0 MPH	_____	_____	_____
Dew Presence (Y/N):	N	Y	Y	_____	_____	_____
Water Hardness:	--	--	--	_____	_____	_____
Soil Temp., Unit:	70 F	70 F	76 F	_____	_____	_____
Soil Moisture:	OPTIMUM	WET	WET	_____	_____	_____
% Cloud Cover:	5	100	100	_____	_____	_____

CROP STAGE AT EACH APPLICATION						
	A	B	C	D	E	F
Crop 1 Stage:	ARAHY _____					
Stage Scale:	_____	R1	R3/R4	_____	_____	_____
Height, Unit:	_____	3 IN	7 IN	_____	_____	_____

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

APPLICATION EQUIPMENT						
	A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME AS A	SAME AS A	_____	_____	_____
Operating Pressure:	38	_____	_____	_____	_____	_____
Nozzle Type:	AIXR	_____	_____	_____	_____	_____
Nozzle Size:	11002	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	20	IN	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60	IN	_____	_____	_____	_____
Boom Height, Unit:	20	IN	_____	_____	_____	_____
Ground Speed, Unit:	3.5	MPH	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____
Carrier:	WATER	_____	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____
Propellant:	CO2	_____	_____	_____	_____	_____
Tank Mix (Y/N):	-	-	-	-	-	-

Trt No	Treatment Application Comment
_____	_____

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 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Crop Code						
Part Rated						
Rating Data Type						
Rating Unit	Stand #/5ft	Stand #/5ft	Stunt %	Epinasty %	Stunt %	Epinasty %
Rating Date	May-13-21	May-20-21	May-20-21	May-20-21	Jun-7-21	Jun-7-21
Trt Treatment Form Form Rate						
No. Name Conc Type Rate Unit	1	2	3	4	5	6
TABLE OF R MEANS						
Replicate 1	20.5	26.3	4.0	0.0	4.3	4.3
Replicate 2	19.4	26.9	3.7	0.0	5.0	6.0
Replicate 3	20.4	26.4	4.3	0.0	5.3	6.0
TABLE OF A (GARLON RATE) MEANS						
1 GARLON 3 AS 0.0	23.0 a	27.0 a	0.0 c	0.0 a	0.0 c	0.0 c
2 GARLON 3 AS 0.32 oz/a	21.6 a	27.4 a	0.0 c	0.0 a	2.2 bc	2.2 b
3 GARLON 3 AS 3.2 oz/a	22.9 a	28.3 a	0.0 c	0.0 a	2.8 bc	3.3 b
4 GARLON 3 AS 6.4 oz/a	18.6 b	27.2 a	2.8 b	0.0 a	3.9 b	3.3 b
5 GARLON 3 AS 32 oz/a	14.6 c	22.7 b	17.2 a	0.0 a	15.6 a	18.3 a
LSD P=.10	1.74	1.84	0.86	.	3.06	1.63
Standard Deviation	1.98	2.10	0.99	0.00	3.50	1.86
CV	9.85	7.93	24.65	0.00	71.51	34.23
TABLE OF B (GARLON TIMING) MEANS						
1 PRE	16.5 b	24.7 b	12.0 a	0.0 a	9.7 a	2.7 b
2 30 DAP	22.0 a	28.1 a	0.0 b	0.0 a	5.0 b	13.7 a
3 59 DAP	21.8 a	26.9 a	0.0 b	0.0 a	0.0 c	0.0 c
LSD P=.10	2.56	1.49	1.00	.	1.54	1.69
Standard Deviation	3.29	1.91	1.29	0.00	1.97	2.17
CV	16.38	7.22	32.27	0.00	40.34	39.91
TABLE OF A (GARLON RATE) B (GARLON TIMING) MEANS						
1 GARLON 3 AS 0.0 1 PRE	23.7 a	29.0 ab	0.0 c	0.0 a	0.0 e	0.0 f
2 GARLON 3 AS 0.32 oz/a 1 PRE	23.3 ab	30.0 a	0.0 c	0.0 a	5.0 cd	3.3 de
3 GARLON 3 AS 3.2 oz/a 1 PRE	22.7 ab	27.3 bcd	0.0 c	0.0 a	3.3 cde	1.7 ef
4 GARLON 3 AS 6.4 oz/a 1 PRE	13.0 c	26.7 cde	8.3 b	0.0 a	5.0 cd	3.3 de
5 GARLON 3 AS 32 oz/a 1 PRE	0.0 d	10.3 f	51.7 a	0.0 a	35.0 a	5.0 cd
1 GARLON 3 AS 0.0 2 30 DAP	23.3 ab	27.3 bcd	0.0 c	0.0 a	0.0 e	0.0 f
2 GARLON 3 AS 0.32 oz/a 2 30 DAP	22.0 ab	26.0 de	0.0 c	0.0 a	1.7 de	3.3 de
3 GARLON 3 AS 3.2 oz/a 2 30 DAP	22.3 ab	29.3 ab	0.0 c	0.0 a	5.0 cd	8.3 b
4 GARLON 3 AS 6.4 oz/a 2 30 DAP	21.7 ab	28.3 abc	0.0 c	0.0 a	6.7 c	6.7 bc
5 GARLON 3 AS 32 oz/a 2 30 DAP	20.7 ab	29.3 ab	0.0 c	0.0 a	11.7 b	50.0 a
1 GARLON 3 AS 0.0 3 59 DAP	22.0 ab	24.7 e	0.0 c	0.0 a	0.0 e	0.0 f
2 GARLON 3 AS 0.32 oz/a 3 59 DAP	19.3 b	26.3 cde	0.0 c	0.0 a	0.0 e	0.0 f

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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 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Crop Code						
Part Rated						
Rating Data Type						
Rating Unit	Stand #/5ft	Stand #/5ft	Stunt %	Epinasty %	Stunt %	Epinasty %
Rating Date	May-13-21	May-20-21	May-20-21	May-20-21	Jun-7-21	Jun-7-21
Trt No.	1	2	3	4	5	6
Treatment Name						
Form Conc						
Form Type						
Rate						
Unit						
3 GARLON 3 59 DAP	23.7 a	28.3 abc	0.0 c	0.0 a	0.0 e	0.0 f
3 AS 3.2 oz/a						
4 GARLON 3 59 DAP	21.0 ab	26.7 cde	0.0 c	0.0 a	0.0 e	0.0 f
3 AS 6.4 oz/a						
5 GARLON 3 59 DAP	23.0 ab	28.3 abc	0.0 c	0.0 a	0.0 e	0.0 f
3 AS 32 oz/a						
LSD P=.10	4.06	2.20	1.41	.	3.48	1.80
Standard Deviation	2.85	1.55	0.99	0.00	2.44	1.26
CV	14.16	5.83	24.65	0.00	49.99	23.21

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 YEAR 2
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Weed Code	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Crop Code						
Part Rated						
Rating Data Type	Stunt %	Epinasty %	Stunting %	Epinasty %	Lapping %	Ht1 Inches
Rating Unit	Jun-16-21	Jun-16-21	Jun-30-21	Jun-30-21	Jun-30-21	Jul-6-21
Rating Date						
Trt Treatment Form Form Rate						
No. Name Conc Type Rate Unit	7	8	9	10	11	12
TABLE OF R MEANS						
Replicate 1	7.3	5.0	6.7	0.0	67.3	9.2
Replicate 2	6.7	3.7	7.0	0.0	70.7	8.5
Replicate 3	6.0	4.0	6.3	0.0	70.7	9.1
TABLE OF A (GARLON RATE) MEANS						
1 GARLON 3 AS 0.0	0.0 c	0.0 c	0.0 c	0.0 a	88.3 a	9.2 b
2 GARLON 3 AS 0.32 oz/a	0.6 c	2.8 b	0.6 c	0.0 a	83.3 b	10.2 a
3 GARLON 3 AS 3.2 oz/a	0.6 c	3.3 b	0.0 c	0.0 a	86.7 ab	9.2 b
4 GARLON 3 AS 6.4 oz/a	4.4 b	4.4 b	5.0 b	0.0 a	58.3 c	9.2 b
5 GARLON 3 AS 32 oz/a	27.8 a	10.6 a	27.8 a	0.0 a	31.1 d	6.9 c
LSD P=.10	0.92	1.85	2.36	.	4.85	0.93
Standard Deviation	1.05	2.11	2.69	0.00	5.53	1.06
CV	15.81	49.93	40.31	0.00	7.95	11.89
TABLE OF B (GARLON TIMING) MEANS						
1 PRE	9.7 a	5.0 b	7.0 b	0.0 a	68.3 b	9.4 a
2 30 DAP	10.3 a	7.7 a	13.0 a	0.0 a	53.3 c	8.9 ab
3 59 DAP	0.0 b	0.0 c	0.0 c	0.0 a	87.0 a	8.5 b
LSD P=.10	2.84	2.43	1.00	.	2.90	0.58
Standard Deviation	3.65	3.12	1.29	0.00	3.73	0.75
CV	54.77	73.85	19.36	0.00	5.36	8.32
TABLE OF A (GARLON RATE) B (GARLON TIMING) MEANS						
1 GARLON 3 AS 0.0 1 PRE	0.0 d	0.0 d	0.0 d	0.0 a	91.7 ab	9.3 a
2 GARLON 3 AS 0.32 oz/a 1 PRE	0.0 d	1.7 d	0.0 d	0.0 a	85.0 a-d	10.3 a
3 GARLON 3 AS 3.2 oz/a 1 PRE	0.0 d	5.0 c	0.0 d	0.0 a	86.7 a-d	9.3 a
4 GARLON 3 AS 6.4 oz/a 1 PRE	5.0 bc	6.7 c	0.0 d	0.0 a	78.3 d	10.3 a
5 GARLON 3 AS 32 oz/a 1 PRE	43.3 a	11.7 b	35.0 b	0.0 a	0.0 f	7.7 a
1 GARLON 3 AS 0.0 2 30 DAP	0.0 d	0.0 d	0.0 d	0.0 a	88.3 abc	9.7 a
2 GARLON 3 AS 0.32 oz/a 2 30 DAP	1.7 cd	6.7 c	1.7 d	0.0 a	83.3 bcd	10.0 a
3 GARLON 3 AS 3.2 oz/a 2 30 DAP	1.7 cd	5.0 c	0.0 d	0.0 a	85.0 a-d	10.3 a
4 GARLON 3 AS 6.4 oz/a 2 30 DAP	8.3 b	6.7 c	15.0 c	0.0 a	10.0 e	9.3 a
5 GARLON 3 AS 32 oz/a 2 30 DAP	40.0 a	20.0 a	48.3 a	0.0 a	0.0 f	5.3 a
1 GARLON 3 AS 0.0 3 59 DAP	0.0 d	0.0 d	0.0 d	0.0 a	85.0 a-d	8.7 a
2 GARLON 3 AS 0.32 oz/a 3 59 DAP	0.0 d	0.0 d	0.0 d	0.0 a	81.7 cd	10.3 a

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Weed Code	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Crop Code						
Part Rated						
Rating Data Type	Stunt	Epinasty	Stunting	Epinasty	Lapping	Ht1
Rating Unit	%	%	%	%	%	Inches
Rating Date	Jun-16-21	Jun-16-21	Jun-30-21	Jun-30-21	Jun-30-21	Jul-6-21
Trt No.	7	8	9	10	11	12
Treatment Name						
Form Conc						
Form Type						
Rate						
Unit						
3 GARLON 3 59 DAP	0.0 d	0.0 d	0.0 d	0.0 a	88.3 abc	8.0 a
4 GARLON 3 59 DAP	0.0 d	0.0 d	0.0 d	0.0 a	86.7 a-d	8.0 a
5 GARLON 3 59 DAP	0.0 d	0.0 d	0.0 d	0.0 a	93.3 a	7.7 a
LSD P=.10	3.40	2.38	3.83	.	9.01	1.77
Standard Deviation	2.39	1.67	2.69	0.00	6.32	1.24
CV	35.79	39.47	40.31	0.00	9.08	13.86

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 YEAR 2
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Weed Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Crop Code							
Part Rated							
Rating Data Type	Ht2	Ht3	Ht4	Ht5	Arahy	Width1	Wt2
Rating Unit	In	In	In	In	AVG, -	Inches	In
Rating Date	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	HEIGHT	Jul-6-21	Jul-6-21
Trt No.	13	14	15	16	17	18	19
Treatment Name							
Form Conc							
Form Type							
Rate							
Rate Unit							
TABLE OF R MEANS							
Replicate 1	9.7	9.6	9.3	9.3	9.4	30.5	30.8
Replicate 2	8.5	8.9	9.3	9.7	9.0	31.9	31.9
Replicate 3	9.1	9.0	8.9	8.8	9.0	31.9	32.4
TABLE OF A (GARLON RATE) MEANS							
1 GARLON 3 AS 0.0	9.8 a	10.1 a	9.8 ab	10.1 a	9.8 a	36.0 a	36.0 a
2 GARLON 3 AS 0.32 oz/a	10.2 a	10.0 a	9.9 ab	10.2 a	10.1 a	32.7 b	33.1 b
3 GARLON 3 AS 3.2 oz/a	9.7 a	9.8 a	10.0 a	10.1 a	9.8 a	34.6 a	34.9 ab
4 GARLON 3 AS 6.4 oz/a	8.7 b	9.1 a	9.1 b	8.6 b	8.9 b	30.6 c	30.3 c
5 GARLON 3 AS 32 oz/a	7.1 c	6.8 b	7.1 c	7.2 c	7.0 c	23.4 d	24.2 d
LSD P=.10	0.80	1.12	0.85	0.77	0.54	1.52	2.18
Standard Deviation	0.91	1.27	0.97	0.88	0.61	1.73	2.49
CV	10.01	13.91	10.56	9.47	6.71	5.50	7.86
TABLE OF B (GARLON TIMING) MEANS							
1 PRE	9.3 a	9.3 a	9.1 a	9.5 a	9.3 a	33.2 a	33.3 a
2 30 DAP	8.7 a	9.2 a	9.3 a	9.3 a	9.1 a	30.2 b	30.1 b
3 59 DAP	9.2 a	8.9 a	9.1 a	8.9 a	8.9 a	30.9 b	31.7 ab
LSD P=.10	0.84	0.79	0.91	1.01	0.61	1.70	2.27
Standard Deviation	1.07	1.01	1.16	1.30	0.79	2.18	2.92
CV	11.83	11.04	12.69	14.06	8.62	6.94	9.21
TABLE OF A (GARLON RATE) B (GARLON TIMING) MEANS							
1 GARLON 3 AS 0.0 1 PRE	9.0 b-e	10.3 ab	10.0 a	11.0 a	9.9 a-d	36.0 a	36.0 a
2 GARLON 3 AS 0.32 oz/a 1 PRE	10.7 a	10.3 ab	10.0 a	10.3 abc	10.3 ab	34.0 ab	33.3 ab
3 GARLON 3 AS 3.2 oz/a 1 PRE	9.3 a-d	9.7 ab	9.7 a	10.3 abc	9.7 a-d	36.0 a	36.0 a
4 GARLON 3 AS 6.4 oz/a 1 PRE	9.7 abc	9.3 bc	9.0 a	9.0 cde	9.5 bcd	36.0 a	36.0 a
5 GARLON 3 AS 32 oz/a 1 PRE	8.0 de	7.0 e	7.0 a	7.0 fg	7.3 e	24.0 e	25.3 c
1 GARLON 3 AS 0.0 2 30 DAP	10.3 ab	10.7 a	10.0 a	10.3 abc	10.2 ab	36.0 a	36.0 a
2 GARLON 3 AS 0.32 oz/a 2 30 DAP	9.7 abc	9.7 ab	10.0 a	10.0 abc	9.9 a-d	33.3 ab	32.0 b
3 GARLON 3 AS 3.2 oz/a 2 30 DAP	9.7 abc	10.3 ab	11.0 a	10.7 ab	10.4 a	36.0 a	36.0 a
4 GARLON 3 AS 6.4 oz/a 2 30 DAP	8.7 cde	9.7 ab	9.7 a	9.0 cde	9.3 cd	27.0 de	27.0 c
5 GARLON 3 AS 32 oz/a 2 30 DAP	5.3 f	5.7 f	6.0 a	6.3 g	5.7 f	18.7 f	19.3 d
1 GARLON 3 AS 0.0 3 59 DAP	10.0 abc	9.3 bc	9.3 a	9.0 cde	9.3 cd	36.0 a	36.0 a
2 GARLON 3 AS 0.32 oz/a 3 59 DAP	10.3 ab	10.0 ab	9.7 a	10.3 abc	10.1 abc	30.7 bcd	34.0 ab

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

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Crop Code							
Part Rated							
Rating Data Type	Ht2	Ht3	Ht4	Ht5	Arahy AVG, - HEIGHT	Width1	Wt2
Rating Unit	In	In	In	In	In	Inches	In
Rating Date	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21
Trt No.	13	14	15	16	17	18	19
Treatment Name	3 GARLON 3 59 DAP	4 GARLON 3 59 DAP	5 GARLON 3 59 DAP				
Form Conc	3 AS	3 AS	3 AS				
Form Type							
Rate	3.2 oz/a	6.4 oz/a	32 oz/a				
Unit							
	10.0 abc	9.3 bc	9.3 a	9.3 bcd	9.2 d	31.7 bc	32.7 ab
	7.7 e	8.3 cd	8.7 a	7.7 efg	8.1 e	28.7 cd	28.0 c
	8.0 de	7.7 de	8.3 a	8.3 def	8.0 e	27.7 cde	28.0 c
LSD P=.10	1.49	1.07	1.35	1.40	0.91	4.13	3.88
Standard Deviation	1.04	0.75	0.95	0.98	0.64	2.90	2.72
CV	11.47	8.20	10.32	10.64	6.96	9.21	8.58

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----- Arahy	----- Arahy	----- Arahy	----- ARAHY AVERAG, - WIDTH	----- ARAHY DIRTY, - YIELD	----- ARAHY CLEAN, - YIELD
Crop Code	Wt3	Wt4	Wt5	IN	LBS/PLOT	LBS/PLOT
Part Rated	In	In	In	IN	IN	IN
Rating Data Type	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	Sep-28-21	Sep-28-21
Rating Unit						
Rating Date						
Trt Treatment Form Form Rate						
No. Name Conc Type Rate Unit	20	21	22	23	24	25
TABLE OF R MEANS						
Replicate 1	31.3	31.1	32.1	31.2	21.6	21.2
Replicate 2	32.4	32.3	31.6	32.0	21.4	20.9
Replicate 3	32.7	32.7	32.7	32.5	20.1	19.7
TABLE OF A (GARLON RATE) MEANS						
1 GARLON 3 AS 0.0	35.2 a	36.0 a	35.3 a	35.7 a	24.1 a	23.6 a
2 GARLON 3 AS 0.32 oz/a	35.0 a	35.3 a	34.2 a	34.1 b	23.0 a	22.6 a
3 GARLON 3 AS 3.2 oz/a	34.1 a	32.4 b	34.4 a	34.1 b	22.8 a	22.4 a
4 GARLON 3 AS 6.4 oz/a	30.8 b	30.7 c	31.2 b	30.7 c	20.2 b	19.8 b
5 GARLON 3 AS 32 oz/a	25.4 c	25.8 d	25.4 c	24.9 d	14.8 c	14.5 c
LSD P=.10	1.93	0.99	1.97	1.18	2.04	2.00
Standard Deviation	2.21	1.13	2.25	1.35	2.33	2.28
CV	6.87	3.51	6.99	4.23	11.10	11.10
TABLE OF B (GARLON TIMING) MEANS						
1 PRE	33.3 a	33.5 a	33.6 a	33.4 a	22.6 a	22.1 a
2 30 DAP	30.7 b	30.3 b	30.9 a	30.4 c	21.3 b	20.9 b
3 59 DAP	32.3 ab	32.3 a	31.9 a	31.8 b	19.1 c	18.7 c
LSD P=.10	1.73	1.28	2.49	1.26	1.00	0.98
Standard Deviation	2.23	1.65	3.20	1.61	1.28	1.26
CV	6.93	5.15	9.96	5.06	6.11	6.11
TABLE OF A (GARLON RATE) B (GARLON TIMING) MEANS						
1 GARLON 3 AS 0.0 1 PRE	33.7 ab	36.0 a	36.0 a	35.5 a	23.7 a	23.2 a
2 GARLON 3 AS 0.32 oz/a 1 PRE	36.0 a	36.0 a	36.0 a	35.1 a	22.5 ab	22.0 ab
3 GARLON 3 AS 3.2 oz/a 1 PRE	34.7 ab	33.7 ab	36.0 a	35.3 a	22.5 ab	22.1 ab
4 GARLON 3 AS 6.4 oz/a 1 PRE	36.0 a	36.0 a	33.3 abc	35.5 a	24.3 a	23.8 a
5 GARLON 3 AS 32 oz/a 1 PRE	26.0 e	26.0 e	26.7 e	25.6 e	20.0 b	19.6 b
1 GARLON 3 AS 0.0 2 30 DAP	36.0 a	36.0 a	34.0 ab	35.6 a	24.1 a	23.6 a
2 GARLON 3 AS 0.32 oz/a 2 30 DAP	33.0 ab	34.0 ab	33.7 abc	33.2 ab	22.9 ab	22.4 ab
3 GARLON 3 AS 3.2 oz/a 2 30 DAP	36.0 a	33.0 abc	36.0 a	35.4 a	24.3 a	23.8 a
4 GARLON 3 AS 6.4 oz/a 2 30 DAP	27.7 de	27.3 de	30.0 cde	27.8 de	20.3 b	19.9 b
5 GARLON 3 AS 32 oz/a 2 30 DAP	21.0 f	21.3 f	20.7 f	20.2 f	15.1 c	14.8 c
1 GARLON 3 AS 0.0 3 59 DAP	36.0 a	36.0 a	36.0 a	36.0 a	24.5 a	24.0 a
2 GARLON 3 AS 0.32 oz/a 3 59 DAP	36.0 a	36.0 a	33.0 abc	33.9 ab	23.8 a	23.3 a

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----- Arahy	----- Arahy	----- Arahy	----- ARAHY AVERAG, - WIDTH IN Jul-6-21	----- ARAHY DIRTY, - YIELD LBS/PLOT Sep-28-21	----- ARAHY CLEAN, - YIELD LBS/PLOT Sep-28-21
Crop Code						
Part Rated						
Rating Data Type	Wt3	Wt4	Wt5			
Rating Unit	In	In	In			
Rating Date	Jul-6-21	Jul-6-21	Jul-6-21			
Trt No.	20	21	22	23	24	25
Treatment Name						
Form Conc						
Form Type						
Rate						
Unit						
3 GARLON 3 59 DAP	31.7 bc	30.7 bcd	31.3 bcd	31.6 bc	21.8 ab	21.3 ab
4 GARLON 3 59 DAP	28.7 cde	28.7 cde	30.3 b-e	28.9 cd	16.0 c	15.6 c
5 GARLON 3 59 DAP	29.3 cd	30.0 b-e	29.0 de	28.8 cd	9.4 d	9.2 d
LSD P=.10	3.04	4.45	3.71	2.86	3.01	2.95
Standard Deviation	2.13	3.12	2.60	2.01	2.11	2.07
CV	6.63	9.74	8.09	6.30	10.06	10.06

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 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) YEAR 2			-----	-----
Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT			ARAHY	ARAHY
Location: PONDER FARM Investigator: Eric P. Prostko			CLEAN, -	YIELD, -
Weed Code			YIELD	LOSS
Crop Code			LBS/A	%
Part Rated			Sep-28-21	Sep-28-21
Rating Data Type				
Rating Unit				
Rating Date				
Trt No.	Treatment Name	Form Conc	Rate Unit	
			26	27
TABLE OF R MEANS				
Replicate 1				
			6077	12.3
Replicate 2				
			6011	12.1
Replicate 3				
			5644	15.9
TABLE OF A (GARLON RATE) MEANS				
1 GARLON	3 AS	0.0	6779 a	0.0 c
2 GARLON	3 AS	0.32 oz/a	6485 a	5.1 c
3 GARLON	3 AS	3.2 oz/a	6429 a	6.5 c
4 GARLON	3 AS	6.4 oz/a	5685 b	17.1 b
5 GARLON	3 AS	32 oz/a	4175 c	38.5 a
LSD P=.10			575.1	8.39
Standard Deviation			656.0	9.58
CV			11.1	71.34
TABLE OF B (GARLON TIMING) MEANS				
1 PRE				
			6358 a	6.7 c
2 30 DAP				
			6002 b	12.1 b
3 59 DAP				
			5372 c	21.5 a
LSD P=.10			280.9	4.28
Standard Deviation			360.9	5.49
CV			6.1	40.92
TABLE OF A (GARLON RATE) B (GARLON TIMING) MEANS				
1 GARLON	3 AS	0.0	6670 a	0.0 e
1 PRE				
2 GARLON	3 AS	0.32 oz/a	6323 ab	7.4 cde
1 PRE				
3 GARLON	3 AS	3.2 oz/a	6332 ab	7.7 cde
1 PRE				
4 GARLON	3 AS	6.4 oz/a	6839 a	1.5 e
1 PRE				
5 GARLON	3 AS	32 oz/a	5629 b	17.0 c
1 PRE				
1 GARLON	3 AS	0.0	6773 a	0.0 e
2 30 DAP				
2 GARLON	3 AS	0.32 oz/a	6445 ab	4.9 de
2 30 DAP				
3 GARLON	3 AS	3.2 oz/a	6829 a	2.2 e
2 30 DAP				
4 GARLON	3 AS	6.4 oz/a	5722 b	15.7 cd
2 30 DAP				
5 GARLON	3 AS	32 oz/a	4240 c	37.5 b
2 30 DAP				
1 GARLON	3 AS	0.0	6895 a	0.0 e
3 59 DAP				
2 GARLON	3 AS	0.32 oz/a	6689 a	3.0 e
3 59 DAP				

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----- ARAHY CLEAN, - YIELD LBS/A Sep-28-21	----- ARAHY YIELD, - LOSS % Sep-28-21
Crop Code		
Part Rated		
Rating Data Type		
Rating Unit		
Rating Date		
<hr/>		
Trt No.	26	27
Treatment Name		
Form Conc		
Form Type		
Rate		
Unit		
3 GARLON 3 59 DAP	6126 ab	9.6 cde
4 GARLON 3 59 DAP	4493 c	34.0 b
5 GARLON 3 59 DAP	2655 d	60.9 a
LSD P=.10	848.0	11.35
Standard Deviation	594.9	7.96
CV	10.1	59.31

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)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ----- Arahy Stand #/5ft May-13-21 (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1812.444444				
R	2	11.511111	5.755556	0.710	0.5065	
A	4	462.888889	115.722222	29.504	0.0001	1.7
RA	8	31.377778	3.922222			
B	2	288.311111	144.155556	13.279	0.0171	2.6
RB	4	43.422222	10.855556			
AB	8	845.244444	105.655556	13.035	0.0001	4.1
RAB	16	129.688889	8.105556			

COMPLETE FACTORIAL AOV For ----- Arahy Stand #/5ft May-20-21 (Data Column 2)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1025.200000				
R	2	3.733333	1.866667	0.781	0.4745	
A	4	177.422222	44.355556	10.030	0.0033	1.8
RA	8	35.377778	4.422222			
B	2	89.200000	44.600000	12.164	0.0199	1.5
RB	4	14.666667	3.666667			
AB	8	666.577778	83.322222	34.879	0.0001	2.2
RAB	16	38.222222	2.388889			

COMPLETE FACTORIAL AOV For ----- Arahy Stunt % May-20-21 (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	7530.000000				
R	2	3.333333	1.666667	1.714	0.2116	
A	4	2018.888889	504.722222	519.143	0.0001	0.9
RA	8	7.777778	0.972222			
B	2	1440.000000	720.000000	432.000	0.0001	1.0
RB	4	6.666667	1.666667			
AB	8	4037.777778	504.722222	519.143	0.0001	1.4
RAB	16	15.555556	0.972222			

COMPLETE FACTORIAL AOV For ----- Arahy Epinasty % May-20-21 (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	0.000000				
R	2	0.000000	0.000000	0.000	1.0000	
A	4	0.000000	0.000000	0.000	1.0000	
RA	8	0.000000	0.000000			
B	2	0.000000	0.000000	0.000	1.0000	
RB	4	0.000000	0.000000			
AB	8	0.000000	0.000000	0.000	1.0000	
RAB	16	0.000000	0.000000			

COMPLETE FACTORIAL AOV For ----- Arahy Stunt % Jun-7-21 (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	3624.444444				
R	2	7.777778	3.888889	0.651	0.5347	
A	4	1352.222222	338.055556	27.659	0.0001	3.1
RA	8	97.777778	12.222222			
B	2	701.111111	350.555556	90.143	0.0005	1.5
RB	4	15.555556	3.888889			
AB	8	1354.444444	169.305556	28.349	0.0001	3.5
RAB	16	95.555556	5.972222			

COMPLETE FACTORIAL AOV For ----- Arahy Epinasty % Jun-7-21 (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	6791.111111				
R	2	27.777778	13.888889	8.696	0.0028	
A	4	1935.555556	483.888889	139.360	0.0001	1.6
RA	8	27.777778	3.472222			
B	2	1574.444444	787.222222	166.706	0.0001	1.7
RB	4	18.888889	4.722222			
AB	8	3181.111111	397.638889	248.957	0.0001	1.8
RAB	16	25.555556	1.597222			

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)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ----- Arahy Stunt % Jun-16-21 (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	8900.000000				
R	2	13.333333	6.666667	1.171	0.3353	
A	4	5127.777778	1281.944444	1153.750	0.0001	0.9
RA	8	8.888889	1.111111			
B	2	1003.333333	501.666667	37.625	0.0025	2.8
RB	4	53.333333	13.333333			
AB	8	2602.222222	325.277778	57.122	0.0001	3.4
RAB	16	91.111111	5.694444			

COMPLETE FACTORIAL AOV For ----- Arahy Epinasty % Jun-16-21 (Data Column 8)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1497.777778				
R	2	14.444444	7.222222	2.600	0.1053	
A	4	547.777778	136.944444	30.813	0.0001	1.8
RA	8	35.555556	4.444444			
B	2	454.444444	227.222222	23.371	0.0062	2.4
RB	4	38.888889	9.722222			
AB	8	362.222222	45.277778	16.300	0.0001	2.4
RAB	16	44.444444	2.777778			

COMPLETE FACTORIAL AOV For ----- Arahy Stunting % Jun-30-21 (Data Column 9)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	9550.000000				
R	2	3.333333	1.666667	0.231	0.7965	
A	4	5172.222222	1293.055556	179.038	0.0001	2.4
RA	8	57.777778	7.222222			
B	2	1270.000000	635.000000	381.000	0.0001	1.0
RB	4	6.666667	1.666667			
AB	8	2924.444444	365.555556	50.615	0.0001	3.8
RAB	16	115.555556	7.222222			

COMPLETE FACTORIAL AOV For ----- Arahy Epinasty % Jun-30-21 (Data Column 10)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	0.000000				
R	2	0.000000	0.000000	0.000	1.0000	
A	4	0.000000	0.000000	0.000	1.0000	.
RA	8	0.000000	0.000000			
B	2	0.000000	0.000000	0.000	1.0000	.
RB	4	0.000000	0.000000			
AB	8	0.000000	0.000000	0.000	1.0000	.
RAB	16	0.000000	0.000000			

COMPLETE FACTORIAL AOV For ----- Arahy Lapping % Jun-30-21 (Data Column 11)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	51141.111111				
R	2	111.111111	55.555556	1.391	0.2773	
A	4	21952.222222	5488.055556	179.609	0.0001	4.8
RA	8	244.444444	30.555556			
B	2	8534.444444	4267.222222	307.240	0.0001	2.9
RB	4	55.555556	13.888889			
AB	8	19604.444444	2450.555556	61.370	0.0001	9.0
RAB	16	638.888889	39.930556			

COMPLETE FACTORIAL AOV For ----- Arahy Ht1 Inches Jul-6-21 (Data Column 12)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	123.911111				
R	2	4.044444	2.022222	1.312	0.2968	
A	4	54.800000	13.700000	12.088	0.0018	0.9
RA	8	9.066667	1.133333			
B	2	5.644444	2.822222	5.080	0.0798	0.6
RB	4	2.222222	0.555556			
AB	8	23.466667	2.933333	1.903	0.1302	1.8
RAB	16	24.666667	1.541667			

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University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ----- Arahya Ht2 In Jul-6-21 (Data Column 13)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	121.644444				
R	2	12.044444	6.022222	5.545	0.0148	
A	4	55.644444	13.911111	16.805	0.0006	0.8
RA	8	6.622222	0.827778			
B	2	2.977778	1.488889	1.288	0.3699	0.8
RB	4	4.622222	1.155556			
AB	8	22.355556	2.794444	2.573	0.0512	1.5
RAB	16	17.377778	1.086111			

COMPLETE FACTORIAL AOV For ----- Arahya Ht3 In Jul-6-21 (Data Column 14)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	113.911111				
R	2	4.577778	2.288889	4.059	0.0375	
A	4	69.022222	17.255556	10.637	0.0027	1.1
RA	8	12.977778	1.622222			
B	2	1.244444	0.622222	0.609	0.5878	0.8
RB	4	4.088889	1.022222			
AB	8	12.977778	1.622222	2.877	0.0343	1.1
RAB	16	9.022222	0.563889			

COMPLETE FACTORIAL AOV For ----- Arahya Ht4 In Jul-6-21 (Data Column 15)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	96.577778				
R	2	1.377778	0.688889	0.768	0.4804	
A	4	52.355556	13.088889	13.941	0.0011	0.8
RA	8	7.511111	0.938889			
B	2	0.577778	0.288889	0.213	0.8167	0.9
RB	4	5.422222	1.355556			
AB	8	14.977778	1.872222	2.087	0.1002	1.4
RAB	16	14.355556	0.897222			

COMPLETE FACTORIAL AOV For ----- Arahya Ht5 In Jul-6-21 (Data Column 16)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	116.311111				
R	2	5.644444	2.822222	2.920	0.0830	
A	4	63.200000	15.800000	20.609	0.0003	0.8
RA	8	6.133333	0.766667			
B	2	2.711111	1.355556	0.803	0.5092	1.0
RB	4	6.755556	1.688889			
AB	8	16.400000	2.050000	2.121	0.0955	1.4
RAB	16	15.466667	0.966667			

COMPLETE FACTORIAL AOV For ----- Arahya AVG HEIGHT In Jul-6-21 (Data Column 17)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	85.863111				
R	2	1.879111	0.939556	2.327	0.1297	
A	4	56.556444	14.139111	37.693	0.0001	0.5
RA	8	3.000889	0.375111			
B	2	1.303111	0.651556	1.054	0.4289	0.6
RB	4	2.472889	0.618222			
AB	8	14.190222	1.773778	4.393	0.0057	0.9
RAB	16	6.460444	0.403778			

COMPLETE FACTORIAL AOV For ----- Arahya Width1 Inches Jul-6-21 (Data Column 18)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1383.111111				
R	2	18.711111	9.355556	1.114	0.3523	
A	4	870.444444	217.611111	72.672	0.0001	1.5
RA	8	23.955556	2.994444			
B	2	73.377778	36.688889	7.715	0.0424	1.7
RB	4	19.022222	4.755556			
AB	8	243.288889	30.411111	3.623	0.0136	4.1
RAB	16	134.311111	8.394444			

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

University of Georgia

PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE FACTORIAL AOV For ----- Arahya Wt2 In Jul-6-21 (Data Column 19)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1311.244444				
R	2	20.311111	10.155556	1.370	0.2823	
A	4	795.911111	198.977778	32.036	0.0001	2.2
RA	8	49.688889	6.211111			
B	2	80.044444	40.022222	4.696	0.0892	2.3
RB	4	34.088889	8.522222			
AB	8	212.622222	26.577778	3.586	0.0142	3.9
RAB	16	118.577778	7.411111			

COMPLETE FACTORIAL AOV For ----- Arahya Wt3 In Jul-6-21 (Data Column 20)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1050.444444				
R	2	16.577778	8.288889	1.826	0.1930	
A	4	614.222222	153.555556	31.517	0.0001	1.9
RA	8	38.977778	4.872222			
B	2	49.244444	24.622222	4.969	0.0824	1.7
RB	4	19.822222	4.955556			
AB	8	238.977778	29.872222	6.581	0.0007	3.0
RAB	16	72.622222	4.538889			

COMPLETE FACTORIAL AOV For ----- Arahya Wt4 In Jul-6-21 (Data Column 21)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1073.911111				
R	2	20.311111	10.155556	1.042	0.3756	
A	4	610.133333	152.533333	120.421	0.0001	1.0
RA	8	10.133333	1.266667			
B	2	77.911111	38.955556	14.310	0.0150	1.3
RB	4	10.888889	2.722222			
AB	8	188.533333	23.566667	2.417	0.0633	4.5
RAB	16	156.000000	9.750000			

COMPLETE FACTORIAL AOV For ----- Arahya Wt5 In Jul-6-21 (Data Column 22)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	985.200000				
R	2	8.533333	4.266667	0.631	0.5448	
A	4	589.644444	147.411111	29.222	0.0001	2.0
RA	8	40.355556	5.044444			
B	2	56.933333	28.466667	2.782	0.1749	2.5
RB	4	40.933333	10.233333			
AB	8	140.622222	17.577778	2.600	0.0494	3.7
RAB	16	108.177778	6.761111			

COMPLETE FACTORIAL AOV For ----- ARAHY AVERAG WIDTH IN Jul-6-21 (Data Column 23)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1027.164444				
R	2	13.153778	6.576889	1.629	0.2270	
A	4	674.017778	168.504444	92.630	0.0001	1.2
RA	8	14.552889	1.819111			
B	2	65.175111	32.587556	12.510	0.0190	1.3
RB	4	10.419556	2.604889			
AB	8	185.251556	23.156444	5.736	0.0015	2.9
RAB	16	64.593778	4.037111			

COMPLETE FACTORIAL AOV For ----- ARAHY DIRTY YIELD LBS/PLOT Sep-28-21 (Data Column 24)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	929.789778				
R	2	20.667111	10.333556	2.313	0.1311	
A	4	502.116444	125.529111	23.100	0.0002	2.0
RA	8	43.472889	5.434111			
B	2	94.593778	47.296889	28.766	0.0042	1.0
RB	4	6.576889	1.644222			
AB	8	190.879556	23.859944	5.341	0.0022	3.0
RAB	16	71.483111	4.467694			

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR) YEAR 2 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT Location: PONDER FARM Investigator: Eric P. Prostko						
COMPLETE FACTORIAL AOV For ----- ARAHY CLEAN YIELD LBS/PLOT Sep-28-21 (Data Column 25)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	892.970103				
R	2	19.848694	9.924347	2.313	0.1311	
A	4	482.232633	120.558158	23.100	0.0002	2.0
RA	8	41.751362	5.218920			
B	2	90.847864	45.423932	28.766	0.0042	1.0
RB	4	6.316444	1.579111			
AB	8	183.320725	22.915091	5.341	0.0022	3.0
RAB	16	68.652380	4.290774			
COMPLETE FACTORIAL AOV For ----- ARAHY CLEAN YIELD LBS/A Sep-28-21 (Data Column 26)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	73641925.778383				
R	2	1636892.444801	818446.222401	2.313	0.1311	
A	4	39769013.187324	9942253.296831	23.100	0.0002	575
RA	8	3443173.213389	430396.651674			
B	2	7492089.210592	3746044.605296	28.766	0.0042	281
RB	4	520907.816997	130226.954249			
AB	8	15118189.507771	1889773.688471	5.341	0.0022	848
RAB	16	5661660.397508	353853.774844			
COMPLETE FACTORIAL AOV For ----- ARAHY YIELD LOSS % Sep-28-21 (Data Column 27)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	15049.337778				
R	2	136.107111	68.053556	1.074	0.3651	
A	4	8447.604444	2111.901111	23.033	0.0002	8.4
RA	8	733.526222	91.690778			
B	2	1679.047111	839.523556	27.824	0.0045	4.3
RB	4	120.691556	30.172889			
AB	8	2918.286222	364.785778	5.756	0.0015	11.3
RAB	16	1014.075111	63.379694			
PRM Data Type T3 = ([C12]+[C13]+[C14]+[C15]+[C16])/5 T4 = ([18]+[19]+[20]+[21]+[22])/5 T1 = [C24]*0.98 TY2 = 287.17333333*[C25]						

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)														
YEAR 2														
Trial ID: PE-06-21				Study Dir.: CHAD ABBOTT										
Location: PONDER FARM				Investigator: Eric P. Prostko										
Weed Code	-----		-----		-----		-----		-----		-----			
Crop Code	Arahy		Arahy		Arahy		Arahy		Arahy		Arahy			
Part Rated	Stand		Stand		Stunt		Epinasty		Stunt		Epinasty			
Rating Data Type	#/5ft		#/5ft		%		%		%		%			
Rating Unit	May-13-21		May-20-21		May-20-21		May-20-21		Jun-7-21		Jun-7-21			
Rating Date	May-13-21		May-20-21		May-20-21		May-20-21		Jun-7-21		Jun-7-21			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Rate Plot	1	2	3	4	5	6	7	8	
1	GARLON PRE	3 AS	0.0	101	101	27.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	
					202	23.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					314	21.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Mean =	23.7	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	GARLON 30 DAP	3 AS	0.0	102	102	25.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	
					211	20.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	
					303	25.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	
					Mean =	23.3	27.3	0.0	0.0	0.0	0.0	0.0	0.0	
3	GARLON 59 DAP	3 AS	0.0	103	103	21.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	
					214	23.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	
					312	22.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	
					Mean =	22.0	24.7	0.0	0.0	0.0	0.0	0.0	0.0	
4	GARLON PRE	3 AS	0.32 oz/a	104	104	25.0	30.0	0.0	0.0	5.0	0.0	0.0	0.0	
					206	22.0	30.0	0.0	0.0	5.0	5.0	0.0	0.0	
					305	23.0	30.0	0.0	0.0	5.0	5.0	0.0	5.0	
					Mean =	23.3	30.0	0.0	0.0	5.0	3.3	0.0	1.7	
5	GARLON 30 DAP	3 AS	0.32 oz/a	105	105	22.0	24.0	0.0	0.0	0.0	0.0	5.0	10.0	
					204	24.0	29.0	0.0	0.0	5.0	5.0	0.0	5.0	
					301	20.0	25.0	0.0	0.0	0.0	5.0	0.0	5.0	
					Mean =	22.0	26.0	0.0	0.0	1.7	3.3	1.7	6.7	
6	GARLON 59 DAP	3 AS	0.32 oz/a	106	106	19.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	
					203	19.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	
					309	20.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	
					Mean =	19.3	26.3	0.0	0.0	0.0	0.0	0.0	0.0	
7	GARLON PRE	3 AS	3.2 oz/a	107	107	25.0	27.0	0.0	0.0	5.0	0.0	0.0	5.0	
					209	23.0	27.0	0.0	0.0	5.0	5.0	0.0	5.0	
					315	20.0	28.0	0.0	0.0	0.0	0.0	0.0	5.0	
					Mean =	22.7	27.3	0.0	0.0	3.3	1.7	0.0	5.0	
8	GARLON 30 DAP	3 AS	3.2 oz/a	108	108	23.0	31.0	0.0	0.0	5.0	5.0	5.0	10.0	
					215	17.0	28.0	0.0	0.0	5.0	10.0	0.0	5.0	
					307	27.0	29.0	0.0	0.0	5.0	10.0	0.0	0.0	
					Mean =	22.3	29.3	0.0	0.0	5.0	8.3	1.7	5.0	
9	GARLON 59 DAP	3 AS	3.2 oz/a	109	109	25.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	
					205	22.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	
					304	24.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	
					Mean =	23.7	28.3	0.0	0.0	0.0	0.0	0.0	0.0	
10	GARLON PRE	3 AS	6.4 oz/a	110	110	11.0	24.0	10.0	0.0	5.0	0.0	0.0	10.0	
					213	15.0	28.0	5.0	0.0	5.0	5.0	10.0	5.0	
					311	13.0	28.0	10.0	0.0	5.0	5.0	5.0	5.0	
					Mean =	13.0	26.7	8.3	0.0	5.0	3.3	5.0	6.7	
11	GARLON 30 DAP	3 AS	6.4 oz/a	111	111	23.0	27.0	0.0	0.0	5.0	5.0	15.0	10.0	
					201	21.0	30.0	0.0	0.0	10.0	5.0	5.0	5.0	
					313	21.0	28.0	0.0	0.0	5.0	10.0	5.0	5.0	
					Mean =	21.7	28.3	0.0	0.0	6.7	6.7	8.3	6.7	
12	GARLON 59 DAP	3 AS	6.4 oz/a	112	112	21.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	
					207	17.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	
					310	25.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	
					Mean =	21.0	26.7	0.0	0.0	0.0	0.0	0.0	0.0	
13	GARLON PRE	3 AS	32 oz/a	113	113	0.0	10.0	50.0	0.0	30.0	5.0	45.0	10.0	
					208	0.0	13.0	50.0	0.0	30.0	5.0	45.0	10.0	
					306	0.0	8.0	55.0	0.0	45.0	5.0	40.0	15.0	
					Mean =	0.0	10.3	51.7	0.0	35.0	5.0	43.3	11.7	

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR) YEAR 2 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT Location: PONDER FARM Investigator: Eric P. Prostko														
Weed Code	-----		-----		-----		-----		-----		-----			
Crop Code	Arahy		Arahy		Arahy		Arahy		Arahy		Arahy			
Part Rated														
Rating Data Type	Stand		Stand		Stunt		Epinasty		Stunt		Epinasty			
Rating Unit	#/5ft		#/5ft		%		%		%		%			
Rating Date	May-13-21		May-20-21		May-20-21		May-20-21		Jun-7-21		Jun-16-21			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Plot	1	2	3	4	5	6	7	8
14	GARLON	3 AS		32 oz/a		114	23.0	26.0	0.0	0.0	10.0	50.0	40.0	20.0
	30 DAP					210	18.0	31.0	0.0	0.0	10.0	50.0	40.0	20.0
						308	21.0	31.0	0.0	0.0	15.0	50.0	40.0	20.0
						Mean =	20.7	29.3	0.0	0.0	11.7	50.0	40.0	20.0
15	GARLON	3 AS		32 oz/a		115	18.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0
	59 DAP					212	27.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0
						302	24.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	23.0	28.3	0.0	0.0	0.0	0.0	0.0	0.0

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

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				Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy		
				Stunting %	Epinasty %	Lapping %	Ht1 Inches	Ht2 In	Ht3 In	Ht4 In	Ht5 In		
				Jun-30-21	Jun-30-21	Jun-30-21	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit		
					Plot	9	10	11	12	13	14	15	16
1	GARLON PRE	3 AS		0.0	101	0.0	0.0	90.0	10.0	10.0	11.0	10.0	12.0
					202	0.0	0.0	95.0	9.0	8.0	11.0	10.0	12.0
					314	0.0	0.0	90.0	9.0	9.0	9.0	10.0	9.0
					Mean =	0.0	0.0	91.7	9.3	9.0	10.3	10.0	11.0
2	GARLON 30 DAP	3 AS		0.0	102	0.0	0.0	80.0	9.0	11.0	12.0	10.0	10.0
					211	0.0	0.0	95.0	9.0	9.0	10.0	10.0	11.0
					303	0.0	0.0	90.0	11.0	11.0	10.0	10.0	10.0
					Mean =	0.0	0.0	88.3	9.7	10.3	10.7	10.0	10.3
3	GARLON 59 DAP	3 AS		0.0	103	0.0	0.0	75.0	9.0	11.0	10.0	9.0	8.0
					214	0.0	0.0	85.0	9.0	9.0	9.0	10.0	9.0
					312	0.0	0.0	95.0	8.0	10.0	9.0	9.0	10.0
					Mean =	0.0	0.0	85.0	8.7	10.0	9.3	9.3	9.0
4	GARLON PRE	3 AS		0.32 oz/a	104	0.0	0.0	90.0	13.0	13.0	12.0	11.0	12.0
					206	0.0	0.0	80.0	8.0	9.0	9.0	10.0	10.0
					305	0.0	0.0	85.0	10.0	10.0	10.0	9.0	9.0
					Mean =	0.0	0.0	85.0	10.3	10.7	10.3	10.0	10.3
5	GARLON 30 DAP	3 AS		0.32 oz/a	105	5.0	0.0	75.0	9.0	9.0	9.0	10.0	10.0
					204	0.0	0.0	80.0	9.0	9.0	10.0	10.0	10.0
					301	0.0	0.0	95.0	12.0	11.0	10.0	10.0	10.0
					Mean =	1.7	0.0	83.3	10.0	9.7	9.7	10.0	10.0
6	GARLON 59 DAP	3 AS		0.32 oz/a	106	0.0	0.0	75.0	9.0	12.0	11.0	11.0	10.0
					203	0.0	0.0	85.0	10.0	9.0	9.0	9.0	11.0
					309	0.0	0.0	85.0	12.0	10.0	10.0	9.0	10.0
					Mean =	0.0	0.0	81.7	10.3	10.3	10.0	9.7	10.3
7	GARLON PRE	3 AS		3.2 oz/a	107	0.0	0.0	85.0	8.0	9.0	11.0	10.0	9.0
					209	0.0	0.0	85.0	10.0	10.0	10.0	11.0	12.0
					315	0.0	0.0	90.0	10.0	9.0	8.0	8.0	10.0
					Mean =	0.0	0.0	86.7	9.3	9.3	9.7	9.7	10.3
8	GARLON 30 DAP	3 AS		3.2 oz/a	108	0.0	0.0	85.0	11.0	9.0	10.0	11.0	11.0
					215	0.0	0.0	95.0	9.0	9.0	10.0	10.0	11.0
					307	0.0	0.0	75.0	11.0	11.0	11.0	12.0	10.0
					Mean =	0.0	0.0	85.0	10.3	9.7	10.3	11.0	10.7
9	GARLON 59 DAP	3 AS		3.2 oz/a	109	0.0	0.0	85.0	8.0	12.0	10.0	9.0	9.0
					205	0.0	0.0	85.0	8.0	9.0	9.0	9.0	9.0
					304	0.0	0.0	95.0	8.0	9.0	9.0	10.0	10.0
					Mean =	0.0	0.0	88.3	8.0	10.0	9.3	9.3	9.3
10	GARLON PRE	3 AS		6.4 oz/a	110	0.0	0.0	75.0	11.0	9.0	10.0	11.0	10.0
					213	0.0	0.0	80.0	10.0	10.0	9.0	9.0	8.0
					311	0.0	0.0	80.0	10.0	10.0	9.0	7.0	9.0
					Mean =	0.0	0.0	78.3	10.3	9.7	9.3	9.0	9.0
11	GARLON 30 DAP	3 AS		6.4 oz/a	111	10.0	0.0	10.0	10.0	9.0	11.0	9.0	10.0
					201	25.0	0.0	10.0	10.0	9.0	8.0	11.0	10.0
					313	10.0	0.0	10.0	8.0	8.0	10.0	9.0	7.0
					Mean =	15.0	0.0	10.0	9.3	8.7	9.7	9.7	9.0
12	GARLON 59 DAP	3 AS		6.4 oz/a	112	0.0	0.0	90.0	9.0	8.0	9.0	9.0	8.0
					207	0.0	0.0	90.0	7.0	7.0	7.0	8.0	8.0
					310	0.0	0.0	80.0	8.0	8.0	9.0	9.0	7.0
					Mean =	0.0	0.0	86.7	8.0	7.7	8.3	8.7	7.7
13	GARLON PRE	3 AS		32 oz/a	113	35.0	0.0	0.0	8.0	10.0	6.0	6.0	7.0
					208	35.0	0.0	0.0	7.0	7.0	8.0	8.0	8.0
					306	35.0	0.0	0.0	8.0	7.0	7.0	7.0	6.0
					Mean =	35.0	0.0	0.0	7.7	8.0	7.0	7.0	7.0

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Crop Code								
Part Rated								
Rating Data Type	Stunting	Epinasty	Lapping	Ht1	Ht2	Ht3	Ht4	Ht5
Rating Unit	%	%	%	Inches	In	In	In	In
Rating Date	Jun-30-21	Jun-30-21	Jun-30-21	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21
Trt Treatment Form Form Rate								
No. Name Conc Type Rate Unit Plot	9	10	11	12	13	14	15	16
14 GARLON 3 AS 32 oz/a 114	50.0	0.0	0.0	6.0	6.0	5.0	6.0	6.0
30 DAP 210	45.0	0.0	0.0	5.0	5.0	6.0	6.0	7.0
308	50.0	0.0	0.0	5.0	5.0	6.0	6.0	6.0
Mean =	48.3	0.0	0.0	5.3	5.3	5.7	6.0	6.3
15 GARLON 3 AS 32 oz/a 115	0.0	0.0	95.0	8.0	8.0	7.0	7.0	7.0
59 DAP 212	0.0	0.0	95.0	8.0	8.0	8.0	9.0	9.0
302	0.0	0.0	90.0	7.0	8.0	8.0	9.0	9.0
Mean =	0.0	0.0	93.3	7.7	8.0	7.7	8.3	8.3

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code			-----		-----		-----		-----		-----		
Crop Code			Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY	ARAHY		
Part Rated			AVG, -	Width1	Wt2	Wt3	Wt4	Wt5	AVERAG, -	DIRTY, -			
Rating Data Type			HEIGHT	Inches	In	In	In	In	WIDTH	YIELD			
Rating Unit			In	Inches	In	In	In	In	IN	LBS/PLOT			
Rating Date			Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	Jul-6-21	Sep-28-21			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Plot	17	18	19	20	21	22	23	24
1	GARLON PRE	3 AS	0.0		101	10.6	36.0	36.0	36.0	36.0	36.0	36.0	23.9
					202	10.0	36.0	36.0	36.0	36.0	36.0	24.3	
					314	9.2	36.0	36.0	29.0	36.0	36.0	22.9	
					Mean =	9.9	36.0	36.0	33.7	36.0	36.0	23.7	
2	GARLON 30 DAP	3 AS	0.0		102	10.4	36.0	36.0	36.0	36.0	36.0	36.0	24.0
					211	9.8	36.0	36.0	36.0	36.0	30.0	24.4	
					303	10.4	36.0	36.0	36.0	36.0	36.0	23.8	
					Mean =	10.2	36.0	36.0	36.0	36.0	34.0	24.1	
3	GARLON 59 DAP	3 AS	0.0		103	9.4	36.0	36.0	36.0	36.0	36.0	36.0	25.0
					214	9.2	36.0	36.0	36.0	36.0	36.0	24.2	
					312	9.2	36.0	36.0	36.0	36.0	36.0	24.3	
					Mean =	9.3	36.0	36.0	36.0	36.0	36.0	24.5	
4	GARLON PRE	3 AS	0.32 oz/a		104	12.2	36.0	36.0	36.0	36.0	36.0	36.0	24.7
					206	9.2	30.0	28.0	36.0	36.0	36.0	22.9	
					305	9.6	36.0	36.0	36.0	36.0	36.0	19.8	
					Mean =	10.3	34.0	33.3	36.0	36.0	36.0	22.5	
5	GARLON 30 DAP	3 AS	0.32 oz/a		105	9.4	28.0	24.0	27.0	30.0	29.0	27.6	23.5
					204	9.6	36.0	36.0	36.0	36.0	36.0	22.3	
					301	10.6	36.0	36.0	36.0	36.0	36.0	22.9	
					Mean =	9.9	33.3	32.0	33.0	34.0	33.7	22.9	
6	GARLON 59 DAP	3 AS	0.32 oz/a		106	10.6	29.0	30.0	36.0	36.0	36.0	33.4	23.5
					203	9.6	36.0	36.0	36.0	36.0	27.0	22.9	
					309	10.2	27.0	36.0	36.0	36.0	36.0	24.9	
					Mean =	10.1	30.7	34.0	36.0	36.0	33.0	23.8	
7	GARLON PRE	3 AS	3.2 oz/a		107	9.4	36.0	36.0	32.0	29.0	36.0	33.8	20.0
					209	10.6	36.0	36.0	36.0	36.0	36.0	23.0	
					315	9.0	36.0	36.0	36.0	36.0	36.0	24.5	
					Mean =	9.7	36.0	36.0	34.7	33.7	36.0	22.5	
8	GARLON 30 DAP	3 AS	3.2 oz/a		108	10.4	36.0	36.0	36.0	36.0	36.0	36.0	26.4
					215	9.8	36.0	36.0	36.0	36.0	36.0	23.5	
					307	11.0	36.0	36.0	36.0	27.0	36.0	22.9	
					Mean =	10.4	36.0	36.0	36.0	33.0	36.0	24.3	
9	GARLON 59 DAP	3 AS	3.2 oz/a		109	9.6	27.0	28.0	29.0	30.0	30.0	28.8	20.9
					205	8.8	32.0	34.0	30.0	26.0	28.0	21.5	
					304	9.2	36.0	36.0	36.0	36.0	36.0	22.9	
					Mean =	9.2	31.7	32.7	31.7	30.7	31.3	21.8	
10	GARLON PRE	3 AS	6.4 oz/a		110	10.2	36.0	36.0	36.0	36.0	36.0	36.0	25.9
					213	9.2	36.0	36.0	36.0	36.0	36.0	23.2	
					311	9.0	36.0	36.0	36.0	36.0	28.0	23.8	
					Mean =	9.5	36.0	36.0	36.0	36.0	33.3	24.3	
11	GARLON 30 DAP	3 AS	6.4 oz/a		111	9.8	28.0	28.0	28.0	26.0	30.0	28.0	23.4
					201	9.6	26.0	26.0	27.0	28.0	29.0	20.3	
					313	8.4	27.0	27.0	28.0	28.0	31.0	17.3	
					Mean =	9.3	27.0	27.0	27.7	27.3	30.0	20.3	
12	GARLON 59 DAP	3 AS	6.4 oz/a		112	8.6	29.0	26.0	26.0	26.0	31.0	27.6	17.5
					207	7.4	29.0	29.0	30.0	30.0	30.0	21.2	
					310	8.2	28.0	29.0	30.0	30.0	30.0	9.2	
					Mean =	8.1	28.7	28.0	28.7	28.7	30.3	16.0	
13	GARLON PRE	3 AS	32 oz/a		113	7.4	23.0	26.0	26.0	25.0	27.0	25.4	21.2
					208	7.6	25.0	25.0	26.0	26.0	27.0	20.6	
					306	7.0	24.0	25.0	26.0	27.0	26.0	18.2	
					Mean =	7.3	24.0	25.3	26.0	26.0	26.7	20.0	

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code				-----	-----	-----		
Crop Code				ARAHY	ARAHY	ARAHY		
Part Rated				CLEAN, -	CLEAN, -	YIELD, -		
Rating Data Type				YIELD	YIELD	LOSS		
Rating Unit				LBS/PLOT	LBS/A	%		
Rating Date				Sep-28-21	Sep-28-21	Sep-28-21		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Plot	25	26	27
1	GARLON PRE	3	AS	0.0	101	23.4	6726	0.0
					202	23.8	6839	0.0
					314	22.4	6445	0.0
					Mean =	23.2	6670	0.0
2	GARLON 30 DAP	3	AS	0.0	102	23.5	6754	0.0
					211	23.9	6867	0.0
					303	23.3	6698	0.0
					Mean =	23.6	6773	0.0
3	GARLON 59 DAP	3	AS	0.0	103	24.5	7036	0.0
					214	23.7	6811	0.0
					312	23.8	6839	0.0
					Mean =	24.0	6895	0.0
4	GARLON PRE	3	AS	0.32 oz/a	104	24.2	6951	0.0
					206	22.4	6445	5.8
					305	19.4	5572	16.3
					Mean =	22.0	6323	7.4
5	GARLON 30 DAP	3	AS	0.32 oz/a	105	23.0	6614	3.3
					204	21.9	6276	8.2
					301	22.4	6445	3.2
					Mean =	22.4	6445	4.9
6	GARLON 59 DAP	3	AS	0.32 oz/a	106	23.0	6614	3.3
					203	22.4	6445	5.8
					309	24.4	7008	0.0
					Mean =	23.3	6689	3.0
7	GARLON PRE	3	AS	3.2 oz/a	107	19.6	5629	17.7
					209	22.5	6473	5.4
					315	24.0	6895	0.0
					Mean =	22.1	6332	7.7
8	GARLON 30 DAP	3	AS	3.2 oz/a	108	25.9	7430	0.0
					215	23.0	6614	3.3
					307	22.4	6445	3.2
					Mean =	23.8	6829	2.2
9	GARLON 59 DAP	3	AS	3.2 oz/a	109	20.5	5882	14.0
					205	21.1	6051	11.5
					304	22.4	6445	3.2
					Mean =	21.3	6126	9.6
10	GARLON PRE	3	AS	6.4 oz/a	110	25.4	7289	0.0
					213	22.7	6529	4.5
					311	23.3	6698	0.0
					Mean =	23.8	6839	1.5
11	GARLON 30 DAP	3	AS	6.4 oz/a	111	22.9	6585	3.7
					201	19.9	5713	16.5
					313	17.0	4869	26.9
					Mean =	19.9	5722	15.7
12	GARLON 59 DAP	3	AS	6.4 oz/a	112	17.2	4925	28.0
					207	20.8	5966	12.8
					310	9.0	2589	61.1
					Mean =	15.6	4493	34.0
13	GARLON PRE	3	AS	32 oz/a	113	20.8	5966	12.8
					208	20.2	5797	15.2
					306	17.8	5122	23.1
					Mean =	19.6	5629	17.0

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
 YEAR 2
 Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code				
Crop Code	-----	-----	-----	
Part Rated	ARAHY	ARAHY	ARAHY	
Rating Data Type	CLEAN, -	CLEAN, -	YIELD, -	
Rating Unit	YIELD	YIELD	LOSS	
Rating Date	LBS/PLOT	LBS/A	%	
	Sep-28-21	Sep-28-21	Sep-28-21	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit
				Plot
				25
				26
				27
14	GARLON	3 AS	32 oz/a	114
	30 DAP			210
				308
			Mean =	14.8
15	GARLON	3 AS	32 oz/a	115
	59 DAP			212
				302
			Mean =	9.2
				8.8
				10.5
				8.4
			Mean =	9.2
				2533
				3011
				2420
			Mean =	2655
				38.3
				36.7
				37.5
			Mean =	37.5
				63.0
				56.0
				63.7
			Mean =	60.9

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PEANUT RESPONSE TO GARLON 3A (TRICLOPYR)
YEAR 2
Trial ID: PE-06-21 Study Dir.: CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

PRM Data Type
T3 = ([C12]+[C13]+[C14]+[C15]+[C16])/5
T4 = ([18]+[19]+[20]+[21]+[22])/5
T1 = [C24]*0.98
TY2 = 287.17333333*[C25]