

University of Georgia

PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)			
WEED-FREE - YEAR 2			
Trial ID:	PE-09-24	Study Dir.:	N. SHAY
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	Appl Unit	Code	Amt Product to Measure	Diluent	Rep 1	2	3
1	PRE MILESTONE 1X	2	LC	7.0	oz/a	A	5.469 mL/mx	-	101	215	311
2	PRE MILESTONE 1/5THX	2	LC	1.4	oz/a	A	1.094 mL/mx	-	102	207	314
3	PRE MILESTONE 1/10THX	2	LC	0.7	oz/a	A	0.5469 mL/mx	-	103	202	312
4	PRE MILESTONE 1/100THX	2	LC	0.07	oz/a	A	.05469 mL/mx	-	104	205	308
5	PRE MILESTONE NO HERBICIDE	2	LC	0.0	oz/a	A		-	105	213	303
6	30 DAP MILESTONE 1X	2	LC	7.0	oz/a	B	5.469 mL/mx	-	106	201	304
7	30 DAP MILESTONE 1/5THX	2	LC	1.4	oz/a	B	1.094 mL/mx	-	107	209	302
8	30 DAP MILESTONE 1/10THX	2	LC	0.7	oz/a	B	0.5469 mL/mx	-	108	212	305
9	30 DAP MILESTONE 1/100THX	2	LC	0.07	oz/a	B	.05469 mL/mx	-	109	211	309
10	30 DAP MILESTONE NO HERBICIDE	2	LC	0.0	oz/a	B		-	110	203	315
11	60 DAP MILESTONE 1X	2	LC	7.0	oz/a	C	5.469 mL/mx	-	111	206	310
12	60 DAP MILESTONE 1/5THX	2	LC	1.4	oz/a	C	1.094 mL/mx	-	112	204	301
13	60 DAP MILESTONE 1/10THX	2	LC	0.7	oz/a	C	0.5469 mL/mx	-	113	210	307
14	60 DAP MILESTONE 1/100THX	2	LC	0.07	oz/a	C	.05469 mL/mx	-	114	208	313
15	60 DAP MILESTONE NO HERBICIDE	2	LC	0.0	oz/a	C		-	115	214	306

Sort Order: Treatment

Trial Comments	
MAINTAINED WEED-FREE	
SKIPPED FULL BED IN-BETWEEN TREATMENTS	
PROWL @ 32 OZ/A + STRONGARM @ 0.45 OZ/A + DUAL MAGNUM @ 16 OZ/A - PRE CADRE @ 4 OZ/A + COBRA @ 12.5 OZ/A + 2,4-DB @ 16 OZ/A - 05/23/24	

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DICLOM @ 0.4OZ/A - 07/30/24 (FOR MG)

DIGGING DATE: 09/19/24 (143 DAYS)

HARVEST DATE: 09/23/24

HARVEST MOISTURE: 12.8%

YIELDS ADJUSTED TO 10%

2% YIELD DEDUCTION FOR FM

SUMMARY:

1) GENERALLY, MILESTONE CAUSED PEANUT INJURY IN THE FORM OF STUNTING, STEM EPINASTY, LEAF ROLL, AND PLANT HEIGHT/WIDTH REDUCTIONS ESPECIALLY AT RATES OF 1/10X AND GREATER.

2) GENERALLY, PEANUTS WERE MORE TOLERANT OF MILESTONE WHEN APPLIED AT 30 DAP IN COMPARISON TO PRE OR 60 DAP.

3) FOR PEANUT YIELD THERE WAS A SIGNIFICANT INTERACTION BETWEEN TIMING AND RATE.

A) 1X RATE OF MILESTONE CAUSED A 100% YIELD LOSS AT ALL TIMINGS.

B) 1/5X RATE CAUSED AN 82% YIELD REDUCTION WHEN APPLIED PRE, 11% YIELD REDUCTION WHEN APPLIED 30 DAP, AND A 94% YIELD REDUCTION WHEN APPLIED 60 DAP.

C) 1/10X RATE CAUSED AN 55% YIELD REDUCTION WHEN APPLIED PRE, 2% YIELD REDUCTION WHEN APPLIED 30 DAP, AND A 67% YIELD REDUCTION WHEN APPLIED 60 DAP.

D) 1/100X RATE CAUSED A 4% YIELD REDUCTION WHEN APPLIED PRE, 0% YIELD REDUCTION WHEN APPLIED 30 DAP, AND A 8% YIELD REDUCTION WHEN APPLIED 60 DAP.

GENERAL TRIAL INFORMATION

Study Director: N. SHAY

Title: _____

Affiliation: _____

Postal Code: _____

Investigator: Eric P. Prostko

Title: _____

Affiliation: _____

Postal Code: _____

TRIAL LOCATION

City: _____

State/Prov.: _____

Postal Code: _____

Country: _____

E-Longitude of LL Corner °: _____

Altitude of LL Corner: _____ Unit: _____

Directions: _____

Trial Status: E

Trial Reliability: _____

Initiation Date: _____

Planned Completion Date: _____

N-Latitude of LL Corner °: _____

Angle y-axis to North °: _____

COOPERATOR/LANDOWNER

Cooperator: _____

Org: _____

Address 1: _____

Address 2: _____

City: _____

State/Prov: _____

Postal Code: _____

Country: _____

Phone No: _____

Fax No: _____

Conducted Under GLP (Y/N): N

Conducted Under GEP (Y/N): N

Guidelines: _____ Guideline Description: _____

Objective: _____

Conclusions: _____

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)
WEED-FREE - YEAR 2

Trial ID: PE-09-24 Study Dir.: N. SHAY
Location: PONDER FARM Investigator: Eric P. Prostko

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.			
2.			
3.			

Crop 1: ARAHY PEANUT Variety: GA-06G
Planting Date: Apr-29-24 Planting Method: MONOSEM TWIN ROW
Rate: 4 SEED/FT Depth: 2 IN Perennial Age: _____
Row Spacing: _____ Spacing Within Row: _____ Seed Bed: _____
Soil Temperature: _____ Soil Moisture: _____ Emergence Date: _____

SITE AND DESIGN

Plot Width, Unit: 6 FT Plot Length, Unit: 25 FT Reps: 3
Site Type: _____
Tillage Type: CONVENTIONAL Study Design: FACTOR

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	PEANUT		2023

MAINTENANCE

Field Prep./Maintenance: 400 LBS/A 5-15-30 - PREPLANT
THIMET 20G INFR @ 7 LBS/A
36"-9" TWIN ROW SPACING
RANCONA VPD SEED TRT

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

SOIL DESCRIPTION

% Sand: 94 % OM: 0.91 Texture: SAND
% Silt: 0 pH: 7.2 Soil Name: TIFTON
% Clay: 6 CEC: 3.6 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

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WEED-FREE - YEAR 2
Trial ID: PE-09-24 Study Dir.: N. SHAY
Location: PONDER FARM Investigator: Eric P. Prostko

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-1-24		0.5	IN	SPRINKLER - LATERAL MOVE		
2.	May-4-24		0.9	IN	RAINFALL		
3.	May-9-24		0.75	IN	RAINFALL		
4.	May-10-24		0.75	IN	RAINFALL		
5.	May-13-24		1.1	IN	RAINFALL		
6.	May-17-24		0.96	IN	RAINFALL		
7.	May-18-24		1.35	IN	RAINFALL		
8.	May-19-24		0.69	IN	RAINFALL		
9.	May-25-24		0.44	IN	RAINFALL		
10.	May-27-24		0.62	IN	RAINFALL		
11.	Jun-4-24		0.5	IN	SPRINKLER - LATERAL MOVE		
12.	Jun-11-24		0.45	IN	SPRINKLER - LATERAL MOVE		
13.	Jun-17-24		0.4	IN	SPRINKLER - LATERAL MOVE		
14.	Jun-27-24		0.9	IN	RAINFALL		
15.	Jun-29-24		0.5	IN	RAINFALL		
16.	Jul-2-24		0.5	IN	RAINFALL		

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

APPLICATION DESCRIPTION

	A	B	C
Application Date:	Apr-30-24	May-29-24	Jun-28-24
Time of Day:	6:46 AM	7:05 AM	9:34 AM
Application Method:	BROADCAST	BROADCAST	BROADCAST
Application Timing:	PRE	30 DAP	60 DAP
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE
Air Temp., Unit:	65 F	67 F	83 F
% Relative Humidity:	93	91	80
Wind Velocity, Unit:	0 MPH	0 MPH	3 MPH
Dew Presence (Y/N):	N	Y	N
Water Hardness:	--	--	--
Soil Temp., Unit:	70 F	72 F	F
Soil Moisture:	OPTIMUM	OPTIMUM	WET
% Cloud Cover:	50	5	50

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	ARAHY,	ARAHY,	ARAHY,
Stage Scale:		V5-V7	R2
Height, Unit:		4.5, IN	6, IN

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Location:	PONDER FARM	Investigator:	Eric P. Prostko

WEED STAGE AT EACH APPLICATION			
	A	B	C
Weed 1 Code, Stage:			
Stage Scale:			
Density, Unit:			
Weed 2 Code, Stage:			
Stage Scale:			
Density, Unit:			
Weed 3 Code, Stage:			
Stage Scale:			
Density, Unit:			

APPLICATION EQUIPMENT			
	A	B	C
Appl. Equipment:	BACKPACK	BACKPACK	BACKPACK
Operating Pressure:	35	35	37
Nozzle Type:	AIXR	TTI	TTI
Nozzle Size:	11002	11002	11002
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN
Nozzles/Row:			
Band Width, Unit:			
Boom Length, Unit:	60 IN	60 IN	60 IN
Boom Height, Unit:	20 IN	20 IN	20 IN
Ground Speed, Unit:	3.5 MPH	3.5 MPH	3.5 MPH
Incorporation Equip.:			
Hours to Incorp.:			
Incorp. Depth, Unit:			
Carrier:	WATER	WATER	WATER
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA
Spray pH:			
Propellant:	CO2	CO2	CO2
Tank Mix (Y/N):			

Trt No	Treatment Application Comment

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)										
WEED-FREE - YEAR 2										
Trial ID:		PE-09-24		Study Dir.:		N. SHAY				
Location:		PONDER FARM		Investigator:		Eric P. Prostko				
Crop Code				Arahy	Arahy	Arahy	ARAHY	ARAHY	ARAHY	ARAHY
Rating Data Type				Stand	Stunting	Hgt1	Hgt2	Hgt3	Hgt4	Hgt5
Rating Unit				#/5ft	%	Inches	IN	IN	IN	IN
Rating Date				May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24
Trt	Treatment	Form	Form	Rate	Appl					
No.	Name	Conc	Type	Rate	Unit	Code	1	2	3	7
TABLE OF R MEANS										
Replicate 1										
Replicate 2										
Replicate 3										
TABLE OF A (timing) MEANS										
1	PRE					A				
2	30 DAP					B				
3	60 DAP					C				
LSD P=.10										
Standard Deviation										
CV										
TABLE OF B (rate) MEANS										
1	MILESTONE	2 LC		7.0 oz/a						
1	1X									
2	MILESTONE	2 LC		1.4 oz/a						
2	1/5THX									
3	MILESTONE	2 LC		0.7 oz/a						
3	1/10THX									
4	MILESTONE	2 LC		0.07 oz/a						
4	1/100THX									
5	MILESTONE	2 LC		0.0 oz/a						
5	NO HERBICIDE									
LSD P=.10										
Standard Deviation										
CV										
TABLE OF A (timing) B (rate) MEANS										
1	PRE					A	0.0 -	100.0 -	0.00 -	0.00 -
1	MILESTONE	2 LC		7.0 oz/a						
1	1X									
2	30 DAP					B	.	.	.	.
1	MILESTONE	2 LC		7.0 oz/a						
1	1X									
3	60 DAP					C	.	.	.	.
1	MILESTONE	2 LC		7.0 oz/a						
1	1X									
1	PRE					A	17.7 -	95.0 -	1.67 -	1.00 -
2	MILESTONE	2 LC		1.4 oz/a						
2	1/5THX									
2	30 DAP					B	.	.	.	.
2	MILESTONE	2 LC		1.4 oz/a						
2	1/5THX									
3	60 DAP					C	.	.	.	.
2	MILESTONE	2 LC		1.4 oz/a						
2	1/5THX									
1	PRE					A	18.7 -	48.3 -	1.83 -	2.00 -
3	MILESTONE	2 LC		0.7 oz/a						
3	1/10THX									

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 MILESTONE 3LC (AMINOPYRALID)												
WEED-FREE - YEAR 2												
Trial ID:		PE-09-24		Study Dir.:		N. SHAY						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Crop Code						Arahy	Arahy	Arahy	ARAHY	ARAHY	ARAHY	ARAHY
Rating Data Type						Stand	Stunting	Hgt1	Hgt2	Hgt3	Hgt4	Hgt5
Rating Unit						#/5ft	%	Inches	IN	IN	IN	IN
Rating Date						May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit Code	1	2	3	4	5	6	7
2 3	30 DAP MILESTONE	2 LC		0.7 oz/a	B	.	.	.	.	.	.	.
3 3	1/10THX											
3 3	60 DAP MILESTONE	2 LC		0.7 oz/a	C	.	.	.	.	.	.	.
3 3	1/10THX											
1 4	PRE MILESTONE	2 LC		0.07 oz/a	A	20.0 -	3.3 -	2.17 -	2.17 -	2.17 -	2.00 -	1.83 -
4 4	1/100THX											
2 4	30 DAP MILESTONE	2 LC		0.07 oz/a	B	.	.	.	.	.	.	.
4 4	1/100THX											
3 4	60 DAP MILESTONE	2 LC		0.07 oz/a	C	.	.	.	.	.	.	.
4 4	1/100THX											
1 5	PRE MILESTONE	2 LC		0.0 oz/a	A	24.7 -	0.0 -	1.83 -	1.83 -	2.17 -	1.67 -	2.00 -
5 5	NO HERBICIDE											
2 5	30 DAP MILESTONE	2 LC		0.0 oz/a	B	.	.	.	.	.	.	.
5 5	NO HERBICIDE											
3 5	60 DAP MILESTONE	2 LC		0.0 oz/a	C	.	.	.	.	.	.	.
5 5	NO HERBICIDE											
LSD P=.10						6.26	7.78	0.528	0.259	0.714	0.480	0.196
Standard Deviation						4.12	5.12	0.348	0.171	0.470	0.316	0.129
CV						25.45	10.39	23.174	12.199	28.771	21.561	9.446

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)													
WEED-FREE - YEAR 2													
Trial ID:		PE-09-24		Study Dir.:		N. SHAY							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Crop Code						ARAHY	Arahy	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
Rating Data Type						HGT-AVG	Wdth1	Wd2	Wd3	Wd4	Wd5	WDTH-AVG	
Rating Unit						IN	IN	IN	IN	IN	IN	IN	IN
Rating Date						May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24
Trt	Treatment	Form	Form	Rate	Appl								
No.	Name	Conc	Type	Rate	Unit	Code	8	9	10	11	12	13	14
TABLE OF R MEANS													
Replicate 1													
Replicate 2													
Replicate 3													
TABLE OF A (timing) MEANS													
1	PRE					A							
2	30 DAP					B							
3	60 DAP					C							
LSD P=.10													
Standard Deviation													
CV													
TABLE OF B (rate) MEANS													
1	MILESTONE	2 LC		7.0 oz/a									
1	1X												
2	MILESTONE	2 LC		1.4 oz/a									
2	1/5THX												
3	MILESTONE	2 LC		0.7 oz/a									
3	1/10THX												
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
LSD P=.10													
Standard Deviation													
CV													
TABLE OF A (timing) B (rate) MEANS													
1	PRE					A	0.0 -	0.00 -	0.00 -	0.00 -	0.00 -	0.00 -	0.0 -
1	MILESTONE	2 LC		7.0 oz/a									
1	1X												
2	30 DAP					B	.	.	.	.	.	.	.
1	MILESTONE	2 LC		7.0 oz/a									
1	1X												
3	60 DAP					C	.	.	.	.	.	.	.
1	MILESTONE	2 LC		7.0 oz/a									
1	1X												
1	PRE					A	1.3 -	1.67 -	2.00 -	2.00 -	1.33 -	2.17 -	1.8 -
2	MILESTONE	2 LC		1.4 oz/a									
2	1/5THX												
2	30 DAP					B	.	.	.	.	.	.	.
2	MILESTONE	2 LC		1.4 oz/a									
2	1/5THX												
3	60 DAP					C	.	.	.	.	.	.	.
2	MILESTONE	2 LC		1.4 oz/a									
2	1/5THX												
1	PRE					A	2.1 -	2.33 -	2.00 -	2.17 -	3.00 -	2.33 -	2.4 -
3	MILESTONE	2 LC		0.7 oz/a									
3	1/10THX												

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

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Trial ID:		PE-09-24		Study Dir.:		N. SHAY						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Crop Code						ARAHY	Arahy	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
Rating Data Type						HGT-AVG	Wdth1	Wd2	Wd3	Wd4	Wd5	WDTH-AVG
Rating Unit						IN	IN	IN	IN	IN	IN	IN
Rating Date						May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit Code	8	9	10	11	12	13	14
2	30 DAP				B	.	.	.	.	.	.	.
3	MILESTONE	2 LC		0.7 oz/a								
3	1/10THX											
3	60 DAP				C	.	.	.	.	.	.	.
3	MILESTONE	2 LC		0.7 oz/a								
3	1/10THX											
1	PRE				A	2.1 -	4.67 -	3.67 -	4.00 -	3.17 -	3.67 -	3.8 -
4	MILESTONE	2 LC		0.07 oz/a								
4	1/100THX											
2	30 DAP				B	.	.	.	.	.	.	.
4	MILESTONE	2 LC		0.07 oz/a								
4	1/100THX											
3	60 DAP				C	.	.	.	.	.	.	.
4	MILESTONE	2 LC		0.07 oz/a								
4	1/100THX											
1	PRE				A	1.9 -	4.67 -	4.33 -	3.33 -	4.00 -	3.50 -	4.0 -
5	MILESTONE	2 LC		0.0 oz/a								
5	NO HERBICIDE											
2	30 DAP				B	.	.	.	.	.	.	.
5	MILESTONE	2 LC		0.0 oz/a								
5	NO HERBICIDE											
3	60 DAP				C	.	.	.	.	.	.	.
5	MILESTONE	2 LC		0.0 oz/a								
5	NO HERBICIDE											
LSD P=.10						0.25	0.837	1.130	0.887	1.155	0.843	0.73
Standard Deviation						0.17	0.552	0.744	0.585	0.761	0.555	0.48
CV						11.22	20.682	31.018	25.414	33.088	23.798	20.15

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Trial ID:		PE-09-24		Study Dir.:		N. SHAY							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Crop Code					Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	
Rating Data Type					Stunt	Necrosis	Leaf curl	Epinasty	Hgt1	Hgt2	Hgt3		
Rating Unit					%	%	1-5	%	in	In	In		
Rating Date					Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24		
Trt	Treatment	Form	Form	Rate	Appl								
No.	Name	Conc	Type	Rate	Unit	Code	15	16	17	18	19	20	21
TABLE OF R MEANS													
Replicate 1							27.6	9.3	1.83	9.0	3.2	3.3	3.3
Replicate 2							26.6	10.0	2.03	3.0	3.6	3.5	3.3
Replicate 3							25.0	8.3	1.90	9.0	4.1	3.9	3.5
TABLE OF A (timing) MEANS													
1	PRE				A		54.3 a	5.3 b	1.73 b	9.3 -	2.9 b	2.7 c	2.2 b
2	30 DAP				B		24.9 b	22.3 a	3.03 a	11.7 -	3.5 b	3.6 b	3.7 a
3	60 DAP				C		0.0 c	0.0 c	1.00 c	0.0 -	4.5 a	4.5 a	4.3 a
LSD P=.10							3.98	1.54	0.232	15.70	0.85	0.12	0.72
Standard Deviation							5.12	1.97	0.298	20.17	1.09	0.15	0.93
CV							19.38	21.38	15.510	288.09	30.10	4.17	27.38
TABLE OF B (rate) MEANS													
1	MILESTONE	2 LC	7.0 oz/a				65.4 a	32.2 a	1.00 b	8.9 -	1.7 b	1.7 c	1.6 c
1	1X												
2	MILESTONE	2 LC	1.4 oz/a				34.9 b	5.6 b	2.50 a	16.1 -	3.8 a	3.2 b	3.3 b
2	1/5THX												
3	MILESTONE	2 LC	0.7 oz/a				27.2 c	5.6 b	2.61 a	5.6 -	4.2 a	4.4 a	3.9 ab
3	1/10THX												
4	MILESTONE	2 LC	0.07 oz/a				4.4 d	2.8 c	2.50 a	4.4 -	4.2 a	4.1 a	4.1 a
4	1/100THX												
5	MILESTONE	2 LC	0.0 oz/a				0.0 e	0.0 d	1.00 b	0.0 -	4.2 a	4.4 a	4.1 a
5	NO HERBICIDE												
LSD P=.10							2.40	1.31	0.346	17.06	0.66	0.52	0.61
Standard Deviation							2.74	1.49	0.394	19.46	0.76	0.60	0.69
CV							10.37	16.16	20.518	277.97	20.88	16.67	20.33
TABLE OF A (timing) B (rate) MEANS													
1	PRE				A		100.0 a	0.0 d	1.00 c	0.0 -	0.0 c	0.0 c	0.0 e
1	MILESTONE	2 LC	7.0 oz/a										
1	1X												
2	30 DAP				B		96.3 ab	96.7 a	1.00 c	26.7 -	0.7 c	0.7 c	0.7 de
1	MILESTONE	2 LC	7.0 oz/a										
1	1X												
3	60 DAP				C		0.0 e	0.0 d	1.00 c	0.0 -	4.3 a	4.3 ab	4.0 ab
1	MILESTONE	2 LC	7.0 oz/a										
1	1X												
1	PRE				A		93.0 b	11.7 b	2.17 b	36.7 -	2.7 b	0.7 c	1.3 d
2	MILESTONE	2 LC	1.4 oz/a										
2	1/5THX												
2	30 DAP				B		11.7 d	5.0 c	4.33 a	11.7 -	4.3 a	4.3 ab	4.3 ab
2	MILESTONE	2 LC	1.4 oz/a										
2	1/5THX												
3	60 DAP				C		0.0 e	0.0 d	1.00 c	0.0 -	4.3 a	4.7 ab	4.3 ab
2	MILESTONE	2 LC	1.4 oz/a										
2	1/5THX												
1	PRE				A		71.7 c	11.7 b	2.33 b	6.7 -	3.7 ab	4.7 ab	2.3 c
3	MILESTONE	2 LC	0.7 oz/a										
3	1/10THX												

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 MILESTONE 3LC (AMINOPYRALID)													
WEED-FREE - YEAR 2													
Trial ID:		PE-09-24		Study Dir.:		N. SHAY							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	
Rating Data Type						Stunt	Necrosis	Leaf curl	Epinasty	Hgt1	Hgt2	Hgt3	
Rating Unit						%	%	1-5	%	in	In	In	
Rating Date						Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	
Trt	Treatment	Form	Form	Rate	Appl								
No.	Name	Conc	Type	Rate	Unit	Code	15	16	17	18	19	20	21
2	30 DAP					B	10.0 d	5.0 c	4.50 a	10.0 -	4.0 ab	4.0 b	4.7 a
3	MILESTONE	2 LC		0.7 oz/a									
3	1/10THX												
3	60 DAP					C	0.0 e	0.0 d	1.00 c	0.0 -	5.0 a	4.7 ab	4.7 a
3	MILESTONE	2 LC		0.7 oz/a									
3	1/10THX												
1	PRE					A	6.7 d	3.3 c	2.17 b	3.3 -	4.3 a	4.0 b	3.7 b
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
2	30 DAP					B	6.7 d	5.0 c	4.33 a	10.0 -	4.0 ab	4.0 b	4.0 ab
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
3	60 DAP					C	0.0 e	0.0 d	1.00 c	0.0 -	4.3 a	4.3 ab	4.7 a
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
1	PRE					A	0.0 e	0.0 d	1.00 c	0.0 -	4.0 ab	4.0 b	3.7 b
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
2	30 DAP					B	0.0 e	0.0 d	1.00 c	0.0 -	4.3 a	5.0 a	4.7 a
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
3	60 DAP					C	0.0 e	0.0 d	1.00 c	0.0 -	4.3 a	4.3 ab	4.0 ab
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
LSD P=.10							5.23	2.81	0.555	26.23	1.41	0.99	0.99
Standard Deviation							3.67	1.97	0.389	18.40	0.99	0.69	0.69
CV							13.89	21.38	20.242	262.88	27.34	19.38	20.33

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 MILESTONE 3LC (AMINOPYRALID)													
WEED-FREE - YEAR 2													
Trial ID:		PE-09-24		Study Dir.:		N. SHAY							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Crop Code				Arahy Hgt4		Arahy Hgt5		ARAHY HGT-AVG		Arahy Wt1			
Rating Data Type				In		In		IN		In			
Rating Unit				Jun-11-24		Jun-11-24		Jun-11-24		Jun-11-24			
Rating Date				Jun-11-24		Jun-11-24		Jun-11-24		Jun-11-24			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Appl Unit	Code	22	23	24	25	26		
							27			28			
TABLE OF R MEANS													
Replicate 1							3.1	2.8	3.1	5.1	5.6	5.3	5.4
Replicate 2							3.3	3.3	3.4	4.9	5.0	5.9	5.8
Replicate 3							3.9	3.5	3.8	5.8	7.1	7.0	8.7
TABLE OF A (timing) MEANS													
1	PRE				A		2.4 c	2.0 c	2.4 c	3.2 b	3.2 c	3.5 c	4.0 c
2	30 DAP				B		3.3 b	3.3 b	3.5 b	5.7 a	6.3 b	6.1 b	6.4 b
3	60 DAP				C		4.5 a	4.2 a	4.4 a	6.9 a	8.1 a	8.6 a	9.5 a
LSD P=.10							0.27	0.46	0.32	1.46	1.15	0.99	2.39
Standard Deviation							0.35	0.60	0.41	1.88	1.48	1.28	3.07
CV							10.22	18.76	11.87	35.69	25.12	21.07	46.35
TABLE OF B (rate) MEANS													
1	MILESTONE	2 LC	7.0 oz/a				1.6 b	1.7 c	1.6 c	2.6 c	2.9 c	2.8 c	3.9 c
1	1X												
2	MILESTONE	2 LC	1.4 oz/a				3.6 a	3.0 b	3.4 b	4.9 b	5.0 b	5.1 b	5.9 b
2	1/5THX												
3	MILESTONE	2 LC	0.7 oz/a				3.8 a	3.4 ab	4.0 a	6.2 a	7.2 a	7.3 a	7.8 a
3	1/10THX												
4	MILESTONE	2 LC	0.07 oz/a				4.1 a	4.0 a	4.1 a	6.2 a	7.2 a	7.8 a	8.3 a
4	1/100THX												
5	MILESTONE	2 LC	0.0 oz/a				4.1 a	3.8 a	4.1 a	6.4 a	7.1 a	7.3 a	7.2 ab
5	NO HERBICIDE												
LSD P=.10							0.64	0.69	0.32	1.07	1.51	1.31	1.59
Standard Deviation							0.73	0.79	0.36	1.22	1.72	1.49	1.81
CV							21.34	24.71	10.61	23.17	29.19	24.54	27.39
TABLE OF A (timing) B (rate) MEANS													
1	PRE				A		0.0 e	0.0 e	0.0 e	0.0 d	0.0 c	0.0 e	0.0 e
1	MILESTONE	2 LC	7.0 oz/a										
1	1X												
2	30 DAP				B		0.7 e	0.7 de	0.7 e	2.0 cd	2.3 c	1.3 de	1.0 de
1	MILESTONE	2 LC	7.0 oz/a										
1	1X												
3	60 DAP				C		4.0 bc	4.3 ab	4.2 ab	5.7 b	6.3 b	7.0 c	10.7 ab
1	MILESTONE	2 LC	7.0 oz/a										
1	1X												
1	PRE				A		1.7 d	1.0 cd	1.5 d	1.7 cd	0.7 c	1.3 de	1.7 de
2	MILESTONE	2 LC	1.4 oz/a										
2	1/5THX												
2	30 DAP				B		4.3 bc	4.3 ab	4.3 ab	6.7 ab	7.3 b	6.7 c	7.7 bc
2	MILESTONE	2 LC	1.4 oz/a										
2	1/5THX												
3	60 DAP				C		4.7 ab	3.7 b	4.3 ab	6.3 b	7.0 b	7.3 bc	8.3 bc
2	MILESTONE	2 LC	1.4 oz/a										
2	1/5THX												
1	PRE				A		2.3 d	1.7 c	2.9 c	3.0 c	1.7 c	2.7 d	3.3 d
3	MILESTONE	2 LC	0.7 oz/a										
3	1/10THX												

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 MILESTONE 3LC (AMINOPYRALID)													
WEED-FREE - YEAR 2													
Trial ID:		PE-09-24		Study Dir.:		N. SHAY							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Crop Code							Arahy	Arahy	ARAHY	Arahy	Arahy	Arahy	Arahy
Rating Data Type							Hgt4	Hgt5	HGT-AVG	Wt1	Wt2	Wt3	Wt4
Rating Unit							In	In	IN	In	In	In	In
Rating Date							Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24
Trt	Treatment	Form	Form	Rate	Appl								
No.	Name	Conc	Type	Rate	Unit	Code	22	23	24	25	26	27	28
2	30 DAP					B	3.7 c	3.7 b	4.0 b	7.0 ab	7.7 b	7.3 bc	8.0 bc
3	MILESTONE	2 LC		0.7 oz/a									
3	1/10THX												
3	60 DAP					C	5.3 a	5.0 a	4.9 a	8.7 a	12.3 a	12.0 a	12.0 a
3	MILESTONE	2 LC		0.7 oz/a									
3	1/10THX												
1	PRE					A	4.0 bc	3.7 b	3.9 b	5.3 b	6.7 b	6.3 c	8.0 bc
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
2	30 DAP					B	4.0 bc	4.3 ab	4.1 b	6.3 b	7.3 b	7.7 bc	8.0 bc
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
3	60 DAP					C	4.3 bc	4.0 b	4.3 ab	7.0 ab	7.7 b	9.3 b	9.0 abc
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
1	PRE					A	4.0 bc	3.7 b	3.9 b	6.0 b	7.0 b	7.0 c	7.0 c
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
2	30 DAP					B	4.0 bc	3.7 b	4.3 ab	6.3 b	7.0 b	7.7 bc	7.3 c
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
3	60 DAP					C	4.3 bc	4.0 b	4.2 ab	7.0 ab	7.3 b	7.3 bc	7.3 c
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
LSD P=.10							0.95	0.93	0.78	2.28	2.60	2.31	3.22
Standard Deviation							0.66	0.65	0.55	1.60	1.82	1.62	2.26
CV							19.42	20.51	16.00	30.30	30.91	26.75	34.06

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 MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2										
Trial ID:		PE-09-24		Study Dir.:		N. SHAY				
Location:		PONDER FARM		Investigator:		Eric P. Prostko				
Crop Code				Arahy	WDTH-AVG	Arahy	Arahy	Arahy	Arahy	Arahy
Rating Data Type				Wt5	INCHES	Stunt	Necrosis	Leaf curl	Epinasty	Hgt1
Rating Unit				In		%	%	1-5	%	In
Rating Date				Jun-11-24	Jun-11-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24
Trt Treatment		Form Form		Rate Appl						
No. Name		Conc Type Rate Unit Code		29	30	31	32	33	34	35
TABLE OF R MEANS										
Replicate 1				5.5	5.4	41.2	9.6	1.60	6.3	7.7
Replicate 2				5.5	5.4	38.7	8.7	1.70	7.0	8.6
Replicate 3				7.4	7.2	33.3	10.0	1.57	8.3	8.9
TABLE OF A (timing) MEANS										
1 PRE		A		3.9 c	3.6 c	47.5 a	0.7 b	1.10 c	0.7 b	8.2 b
2 30 DAP		B		6.5 b	6.2 b	24.0 c	0.0 b	1.70 b	2.7 b	10.0 a
3 60 DAP		C		8.1 a	8.2 a	41.6 b	27.6 a	2.07 a	18.3 a	6.9 c
LSD P=.10				0.34	0.67	5.59	1.74	0.209	2.72	0.84
Standard Deviation				0.43	0.86	7.18	2.24	0.269	3.50	1.07
CV				7.06	14.29	19.05	23.78	16.566	48.41	12.83
TABLE OF B (rate) MEANS										
1 MILESTONE		2 LC 7.0 oz/a		3.1 c	3.0 c	98.1 a	31.6 a	1.00 c	1.1 c	0.8 d
1 1X										
2 MILESTONE		2 LC 1.4 oz/a		5.8 b	5.3 b	51.6 b	10.0 b	2.11 a	16.1 a	7.3 c
2 1/5THX										
3 MILESTONE		2 LC 0.7 oz/a		7.0 ab	7.1 a	33.3 c	3.9 c	1.67 b	13.9 a	9.3 b
3 1/10THX										
4 MILESTONE		2 LC 0.07 oz/a		7.8 a	7.5 a	5.6 d	1.7 d	2.33 a	5.0 b	12.0 a
4 1/100THX										
5 MILESTONE		2 LC 0.0 oz/a		7.1 ab	7.0 a	0.0 e	0.0 e	1.00 c	0.0 c	12.4 a
5 NO HERBICIDE										
LSD P=.10				1.64	0.85	5.22	1.44	0.236	2.57	1.71
Standard Deviation				1.87	0.97	5.95	1.65	0.269	2.93	1.95
CV				30.42	16.23	15.78	17.49	16.566	40.63	23.32
TABLE OF A (timing) B (rate) MEANS										
1 PRE		A		0.0 e	0.0 e	99.7 a	0.0 e	1.00 f	0.0 d	0.0 d
1 MILESTONE		2 LC 7.0 oz/a								
1 1X										
2 30 DAP		B		1.3 de	1.6 d	100.0 a	0.0 e	1.00 f	0.0 d	0.0 d
1 MILESTONE		2 LC 7.0 oz/a								
1 1X										
3 60 DAP		C		8.0 bc	7.5 bc	94.7 a	94.7 a	1.00 f	3.3 d	2.3 cd
1 MILESTONE		2 LC 7.0 oz/a								
1 1X										
1 PRE		A		2.3 d	1.5 d	86.3 b	3.3 d	1.33 de	1.7 d	5.3 b
2 MILESTONE		2 LC 1.4 oz/a								
2 1/5THX										
2 30 DAP		B		7.3 bc	7.1 bc	13.3 e	0.0 e	3.17 b	8.3 c	12.3 a
2 MILESTONE		2 LC 1.4 oz/a								
2 1/5THX										
3 60 DAP		C		7.7 bc	7.3 bc	55.0 c	26.7 b	1.83 c	38.3 a	4.3 bc
2 MILESTONE		2 LC 1.4 oz/a								
2 1/5THX										
1 PRE		A		2.7 d	2.7 d	51.7 c	0.0 e	1.17 ef	1.7 d	11.0 a
3 MILESTONE		2 LC 0.7 oz/a								
3 1/10THX										

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 MILESTONE 3LC (AMINOPYRALID)													
WEED-FREE - YEAR 2													
Trial ID:		PE-09-24		Study Dir.:		N. SHAY							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Crop Code						Arahy	ARAHY	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Rating Data Type						Wt5	WDTH-AVG	Stunt	Necrosis	Leaf curl	Epinasty	Hgt1	
Rating Unit						In	INCHES	%	%	1-5	%	In	
Rating Date						Jun-11-24	Jun-11-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	
Trt	Treatment	Form	Form	Rate	Appl								
No.	Name	Conc	Type	Rate	Unit	Code	29	30	31	32	33	34	35
2	30 DAP					B	8.0 bc	7.6 bc	5.0 f	0.0 e	1.83 c	3.3 d	12.3 a
3	MILESTONE	2 LC		0.7 oz/a									
3	1/10THX												
3	60 DAP					C	10.3 a	11.1 a	43.3 d	11.7 c	2.00 c	36.7 a	4.7 bc
3	MILESTONE	2 LC		0.7 oz/a									
3	1/10THX												
1	PRE					A	7.0 bc	6.7 c	0.0 f	0.0 e	1.00 f	0.0 d	12.3 a
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
2	30 DAP					B	8.3 b	7.5 bc	1.7 f	0.0 e	1.50 d	1.7 d	12.0 a
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
3	60 DAP					C	8.0 bc	8.2 b	15.0 e	5.0 d	4.50 a	13.3 b	11.7 a
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
1	PRE					A	7.7 bc	6.9 bc	0.0 f	0.0 e	1.00 f	0.0 d	12.3 a
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
2	30 DAP					B	7.3 bc	7.1 bc	0.0 f	0.0 e	1.00 f	0.0 d	13.3 a
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
3	60 DAP					C	6.3 c	7.1 bc	0.0 f	0.0 e	1.00 f	0.0 d	11.7 a
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
LSD P=.10							1.98	1.46	7.70	3.28	0.202	3.58	2.42
Standard Deviation							1.39	1.03	5.40	2.30	0.142	2.51	1.70
CV							22.62	17.10	14.32	24.43	8.748	34.81	20.30

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 MILESTONE 3LC (AMINOPYRALID)																					
WEED-FREE - YEAR 2																					
Trial ID:		PE-09-24		Study Dir.:		N. SHAY															
Location:		PONDER FARM		Investigator:		Eric P. Prostko															
Crop Code				Arahy Hgt2		Arahy Hgt3		Arahy Hgt4		Arahy Hgt5		ARAHY		Arahy		Arahy		Arahy			
Rating Data Type				In		In		In		In		HGT-AVG		Wdt1		Wdt2		Wdt3			
Rating Unit				In		In		In		In		INCHES		In		In		In			
Rating Date				Jul-15-24		Jul-15-24		Jul-15-24		Jul-15-24		Jul-15-24		Jul-15-24		Jul-15-24		Jul-15-24			
Trt		Treatment		Form		Form		Rate		Appl											
No.		Name		Conc		Type		Rate		Unit		Code		36		37		38			
														39		40		41			
														42		43					
TABLE OF R MEANS																					
Replicate 1				7.7		7.9		7.5		7.1		7.5		23.6		23.5		23.9			
Replicate 2				8.0		8.2		8.7		8.2		8.3		23.1		24.5		24.8			
Replicate 3				9.0		9.1		8.9		8.9		8.9		25.8		25.3		27.2			
TABLE OF A (timing) MEANS																					
1		PRE				A		8.0 b		8.3 b		8.4 b		7.1 b		8.0 b		19.1 b			
2		30 DAP				B		9.2 a		9.6 a		9.5 a		9.3 a		9.5 a		27.9 a			
3		60 DAP				C		7.5 b		7.2 b		7.1 c		7.7 b		7.3 c		25.5 a			
LSD P=.10				0.79		1.14		0.85		0.92		0.61		2.91		2.27		3.27			
Standard Deviation				1.01		1.47		1.09		1.18		0.78		3.74		2.91		4.21			
CV				12.30		17.52		13.05		14.65		9.46		15.47		11.93		16.63			
TABLE OF B (rate) MEANS																					
1		MILESTONE		2 LC		7.0 oz/a		1.0 d		0.9 d		0.9 d		1.0 d		0.9 d		3.6 c			
1		1X																2.6 d			
2		MILESTONE		2 LC		1.4 oz/a		6.4 c		6.8 c		6.8 c		6.4 c		6.8 c		21.2 b			
2		1/5THX																19.3 c			
3		MILESTONE		2 LC		0.7 oz/a		8.4 b		9.0 b		9.4 b		8.8 b		9.0 b		24.1 b			
3		1/10THX																29.4 b			
4		MILESTONE		2 LC		0.07 oz/a		12.2 a		11.9 a		11.6 a		11.8 a		11.9 a		36.0 a			
4		1/100THX																35.1 a			
5		MILESTONE		2 LC		0.0 oz/a		13.0 a		13.3 a		13.1 a		12.2 a		12.8 a		36.0 a			
5		NO HERBICIDE																35.6 a			
LSD P=.10				1.22		1.60		2.04		1.24		1.30		4.37		3.91		2.72			
Standard Deviation				1.39		1.82		2.33		1.42		1.48		4.98		4.46		3.10			
CV				16.96		21.72		27.90		17.60		17.94		20.60		18.28		12.27			
TABLE OF A (timing) B (rate) MEANS																					
1		PRE				A		0.0 e		0.0 g		0.0 f		0.0 d		0.0 e		0.0 e			
1		MILESTONE		2 LC		7.0 oz/a												0.0 e			
1		1X																			
2		30 DAP				B		0.0 e		0.0 g		0.0 f		0.0 d		0.0 e		0.0 e			
1		MILESTONE		2 LC		7.0 oz/a												0.0 e			
1		1X																			
3		60 DAP				C		3.0 de		2.7 f		2.7 ef		3.0 c		2.7 d		10.7 d			
1		MILESTONE		2 LC		7.0 oz/a												7.7 d			
1		1X																9.7 d			
1		PRE				A		5.0 d		5.3 e		6.3 d		3.3 c		5.1 c		11.0 d			
2		MILESTONE		2 LC		1.4 oz/a												7.0 d			
2		1/5THX																8.0 d			
2		30 DAP				B		10.3 ab		10.7 bcd		10.3 bc		11.0 ab		10.9 ab		31.3 ab			
2		MILESTONE		2 LC		1.4 oz/a												30.0 b			
2		1/5THX																35.3 ab			
3		60 DAP				C		4.0 d		4.3 ef		3.7 de		5.0 c		4.3 cd		21.3 c			
2		MILESTONE		2 LC		1.4 oz/a												21.0 c			
2		1/5THX																24.7 c			
1		PRE				A		9.0 bc		9.3 d		9.3 c		9.0 b		9.5 b		12.7 d			
3		MILESTONE		2 LC		0.7 oz/a												21.0 c			
3		1/10THX																29.0 bc			

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 MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2														
Trial ID:		PE-09-24		Study Dir.:		N. SHAY								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Crop Code Rating Data Type Rating Unit Rating Date							Arahy Hgt2 In Jul-15-24	Arahy Hgt3 In Jul-15-24	Arahy Hgt4 In Jul-15-24	Arahy Hgt5 In Jul-15-24	ARAHY HGT-AVG INCHES Jul-15-24	Arahy Wdt1 In Jul-15-24	Arahy Wdt2 In Jul-15-24	Arahy Wdt3 In Jul-15-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Code	36	37	38	39	40	41	42	43
2 3 3	30 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a		B	10.3 ab	12.0 abc	12.7 ab	12.0 a	11.9 a	36.0 a	36.0 a	35.3 ab
3 3 3	60 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a		C	6.0 cd	5.7 e	6.3 d	5.3 c	5.6 c	23.7 bc	31.3 ab	22.7 c
1 4 4	PRE MILESTONE 1/100THX	2 LC		0.07 oz/a		A	13.0 a	13.3 a	12.7 ab	10.3 ab	12.3 a	36.0 a	36.0 a	36.0 a
2 4 4	30 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a		B	12.3 a	12.3 ab	10.7 bc	12.3 a	11.9 a	36.0 a	34.7 ab	36.0 a
3 4 4	60 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a		C	11.3 ab	10.0 cd	11.3 abc	12.7 a	11.4 ab	36.0 a	34.7 ab	34.7 ab
1 5 5	PRE MILESTONE NO HERBICIDE	2 LC		0.0 oz/a		A	13.0 a	13.7 a	13.7 a	12.7 a	13.1 a	36.0 a	36.0 a	36.0 a
2 5 5	30 DAP MILESTONE NO HERBICIDE	2 LC		0.0 oz/a		B	13.0 a	13.0 a	14.0 a	11.3 ab	12.9 a	36.0 a	36.0 a	36.0 a
3 5 5	60 DAP MILESTONE NO HERBICIDE	2 LC		0.0 oz/a		C	13.0 a	13.3 a	11.7 abc	12.7 a	12.5 a	36.0 a	34.7 ab	36.0 a
LSD P=.10							3.32	2.31	2.79	2.33	2.18	8.13	4.89	6.43
Standard Deviation							2.33	1.62	1.96	1.64	1.53	5.70	3.43	4.51
CV							28.29	19.35	23.46	20.35	18.44	23.58	14.05	17.83

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 MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2									
Trial ID:		PE-09-24		Study Dir.:		N. SHAY			
Location:		PONDER FARM		Investigator:		Eric P. Prostko			
Crop Code				Arahy	Arahy	ARAHY	Arahy	Arahy	Arahy
Rating Data Type				Wdt4	Wdt5	WDTH-AVG	Stunt	Necrosis	Leaf curl
Rating Unit				In	In	IN	%	%	1-4
Rating Date				Jul-15-24	Jul-15-24	Jul-15-24	Aug-7-24	Aug-7-24	Aug-7-24
Trt Treatment									
Form Form		Rate Appl							
No. Name		Conc Type Rate Unit Code		44	45	46	47	48	49
TABLE OF R MEANS									
Replicate 1				22.7	23.0	23.3	40.6	2.7	1.23
Replicate 2				24.8	25.3	24.5	34.7	1.7	1.23
Replicate 3				26.9	26.8	26.4	30.6	1.7	1.23
TABLE OF A (timing) MEANS									
1	PRE		A	21.9 -	20.5 b	20.7 b	42.9 a	0.3 b	1.03 b
2	30 DAP		B	27.5 -	28.8 a	28.0 a	20.7 b	0.0 b	1.13 b
3	60 DAP		C	24.9 -	25.8 a	25.5 a	42.3 a	5.7 a	1.53 a
LSD P=.10				4.90	3.67	2.62	8.60	2.36	0.123
Standard Deviation				6.30	4.71	3.37	11.05	3.03	0.158
CV				25.40	18.84	13.61	31.30	151.38	12.820
TABLE OF B (rate) MEANS									
1	MILESTONE	2 LC	7.0 oz/a	2.4 d	3.0 c	3.0 d	99.9 a	0.0 c	1.00 c
1	1X								
2	MILESTONE	2 LC	1.4 oz/a	22.3 c	24.7 b	22.0 c	44.9 b	6.1 a	1.39 ab
2	1/5THX								
3	MILESTONE	2 LC	0.7 oz/a	27.2 b	25.4 b	27.0 b	27.2 c	3.9 b	1.44 a
3	1/10THX								
4	MILESTONE	2 LC	0.07 oz/a	36.0 a	36.0 a	35.7 a	4.4 d	0.0 c	1.33 b
4	1/100THX								
5	MILESTONE	2 LC	0.0 oz/a	36.0 a	36.0 a	35.9 a	0.0 d	0.0 c	1.00 c
5	NO HERBICIDE								
LSD P=.10				3.97	4.32	3.29	8.45	1.82	0.103
Standard Deviation				4.53	4.93	3.76	9.64	2.07	0.118
CV				18.27	19.71	15.18	27.31	103.75	9.555
TABLE OF A (timing) B (rate) MEANS									
1	PRE		A	0.0 f	0.0 d	0.0 d	99.7 a	0.0 c	1.00 c
1	MILESTONE	2 LC	7.0 oz/a						
1	1X								
2	30 DAP		B	0.0 f	0.0 d	0.0 d	100.0 a	0.0 c	1.00 c
1	MILESTONE	2 LC	7.0 oz/a						
1	1X								
3	60 DAP		C	7.3 e	9.0 c	8.9 c	100.0 a	0.0 c	1.00 c
1	MILESTONE	2 LC	7.0 oz/a						
1	1X								
1	PRE		A	15.7 d	14.7 c	11.3 c	74.7 b	1.7 c	1.00 c
2	MILESTONE	2 LC	1.4 oz/a						
2	1/5THX								
2	30 DAP		B	29.7 ab	36.0 a	32.5 a	1.7 e	0.0 c	1.50 b
2	MILESTONE	2 LC	1.4 oz/a						
2	1/5THX								
3	60 DAP		C	21.7 cd	23.3 b	22.4 b	58.3 c	16.7 a	1.67 b
2	MILESTONE	2 LC	1.4 oz/a						
2	1/5THX								
1	PRE		A	22.0 cd	15.7 c	20.1 b	38.3 d	0.0 c	1.17 c
3	MILESTONE	2 LC	0.7 oz/a						
3	1/10THX								

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 MILESTONE 3LC (AMINOPYRALID)													
WEED-FREE - YEAR 2													
Trial ID:		PE-09-24		Study Dir.:		N. SHAY							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Crop Code							Arahy	Arahy	ARAHY	Arahy	Arahy	Arahy	Arahy
Rating Data Type							Wdt4	Wdt5	WDTH-AVG	Stunt	Necrosis	Leaf curl	Epinasty
Rating Unit							In	In	IN	%	%	1-4	%
Rating Date							Jul-15-24	Jul-15-24	Jul-15-24	Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Code	44	45	46	47	48	49	50
2	30 DAP					B	36.0 a	36.0 a	35.9 a	0.0 e	0.0 c	1.17 c	0.0 d
3	MILESTONE	2 LC		0.7 oz/a									
3	1/10THX												
3	60 DAP					C	23.7 bc	24.7 b	25.2 b	43.3 d	11.7 b	2.00 a	10.0 a
3	MILESTONE	2 LC		0.7 oz/a									
3	1/10THX												
1	PRE					A	36.0 a	36.0 a	36.0 a	1.7 e	0.0 c	1.00 c	0.0 d
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
2	30 DAP					B	36.0 a	36.0 a	35.7 a	1.7 e	0.0 c	1.00 c	0.0 d
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
3	60 DAP					C	36.0 a	36.0 a	35.5 a	10.0 e	0.0 c	2.00 a	5.0 c
4	MILESTONE	2 LC		0.07 oz/a									
4	1/100THX												
1	PRE					A	36.0 a	36.0 a	36.0 a	0.0 e	0.0 c	1.00 c	0.0 d
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
2	30 DAP					B	36.0 a	36.0 a	36.0 a	0.0 e	0.0 c	1.00 c	0.0 d
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
3	60 DAP					C	36.0 a	36.0 a	35.7 a	0.0 e	0.0 c	1.00 c	0.0 d
5	MILESTONE	2 LC		0.0 oz/a									
5	NO HERBICIDE												
LSD P=.10							7.18	7.21	5.57	10.15	2.96	0.192	1.06
Standard Deviation							5.04	5.06	3.91	7.12	2.07	0.134	0.75
CV							20.32	20.22	15.79	20.18	103.75	10.895	47.92

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 MILESTONE 3LC (AMINOPYRALID)												
WEED-FREE - YEAR 2												
Trial ID:		PE-09-24		Study Dir.:		N. SHAY						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Crop Code				Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY			
Rating Data Type				Stand loss	Hgt1	Hgt2	Hgt3	Hgt4	HGT-AVG			
Rating Unit				%	In	In	In	In	INCHES			
Rating Date				Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Appl Code	51	52	53	54	55	56	57
TABLE OF R MEANS												
Replicate 1						29.0	9.2	10.0	9.5	9.5	9.2	9.5
Replicate 2						26.0	9.6	10.4	10.1	10.5	10.1	10.1
Replicate 3						23.3	10.7	10.0	11.1	10.7	10.8	10.7
TABLE OF A (timing) MEANS												
1	PRE				A	37.6 a	9.5 b	9.1 b	9.4 b	9.9 b	9.4 -	9.5 b
2	30 DAP				B	20.0 b	12.0 a	12.3 a	12.3 a	12.3 a	11.9 -	12.2 a
3	60 DAP				C	20.7 b	8.0 b	9.0 b	8.9 b	8.5 b	8.8 -	8.6 b
LSD P=.10						7.23	1.54	0.77	1.12	1.96	2.88	1.44
Standard Deviation						9.29	1.97	0.98	1.44	2.51	3.70	1.86
CV						35.62	20.03	9.70	14.09	24.54	36.96	18.40
TABLE OF B (rate) MEANS												
1	MILESTONE	2 LC	7.0 oz/a			99.9 a	0.0 d	0.0 e	0.0 d	0.0 d	0.0 d	0.0 d
1	1X											
2	MILESTONE	2 LC	1.4 oz/a			25.0 b	8.4 c	8.0 d	9.2 c	8.6 c	8.1 c	8.5 c
2	1/5THX											
3	MILESTONE	2 LC	0.7 oz/a			5.6 c	11.1 b	11.9 c	10.2 c	11.4 b	10.9 b	11.1 b
3	1/10THX											
4	MILESTONE	2 LC	0.07 oz/a			0.0 c	14.9 a	14.8 b	14.9 b	15.4 a	15.4 a	15.1 a
4	1/100THX											
5	MILESTONE	2 LC	0.0 oz/a			0.0 c	14.8 a	16.0 a	16.7 a	15.8 a	15.7 a	15.8 a
5	NO HERBICIDE											
LSD P=.10						7.22	1.07	1.11	1.51	1.99	1.58	0.96
Standard Deviation						8.23	1.22	1.27	1.72	2.27	1.81	1.09
CV						31.56	12.39	12.50	16.89	22.20	18.02	10.84
TABLE OF A (timing) B (rate) MEANS												
1	PRE				A	99.7 a	0.0 f	0.0 g	0.0 d	0.0 f	0.0 d	0.0 e
1	MILESTONE	2 LC	7.0 oz/a									
1	1X											
2	30 DAP				B	100.0 a	0.0 f	0.0 g	0.0 d	0.0 f	0.0 d	0.0 e
1	MILESTONE	2 LC	7.0 oz/a									
1	1X											
3	60 DAP				C	100.0 a	0.0 f	0.0 g	0.0 d	0.0 f	0.0 d	0.0 e
1	MILESTONE	2 LC	7.0 oz/a									
1	1X											
1	PRE				A	71.7 b	5.7 e	4.0 f	6.7 c	7.0 de	5.0 c	5.7 d
2	MILESTONE	2 LC	1.4 oz/a									
2	1/5THX											
2	30 DAP				B	0.0 d	14.3 abc	15.0 bc	14.0 b	14.0 bc	14.0 a	14.3 b
2	MILESTONE	2 LC	1.4 oz/a									
2	1/5THX											
3	60 DAP				C	3.3 d	5.3 e	5.0 f	7.0 c	4.7 e	5.3 c	5.5 d
2	MILESTONE	2 LC	1.4 oz/a									
2	1/5THX											
1	PRE				A	16.7 c	11.0 d	11.3 de	8.7 c	11.7 c	10.3 b	10.6 c
3	MILESTONE	2 LC	0.7 oz/a									
3	1/10THX											

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.

PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)			
WEED-FREE - YEAR 2			
Trial ID:	PE-09-24	Study Dir.:	N. SHAY
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Crop Code Rating Data Type Rating Unit Rating Date						Arahy Stand loss % Aug-7-24	Arahy Hgt1 In Aug-7-24	Arahy Hgt2 In Aug-7-24	Arahy Hgt3 In Aug-7-24	Arahy Hgt4 In Aug-7-24	Arahy Hgt5 In Aug-7-24	ARAHY HGT-AVG INCHES Aug-7-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Appl Code	51	52	53	54	55	56	57
2 3	30 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a	B	0.0 d	15.7 abc	14.7 bc	15.7 ab	15.3 ab	15.0 a	15.3 ab
3 3 3	60 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a	C	0.0 d	6.7 e	9.7 e	6.3 c	7.3 d	7.3 c	7.5 d
1 4 4	PRE MILESTONE 1/100THX	2 LC		0.07 oz/a	A	0.0 d	15.0 abc	16.0 ab	15.3 ab	16.0 ab	16.0 a	15.7 ab
2 4 4	30 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a	B	0.0 d	16.3 a	15.3 ab	15.7 ab	15.7 ab	15.7 a	15.7 ab
3 4 4	60 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a	C	0.0 d	13.3 cd	13.0 cd	13.7 b	14.7 ab	14.7 a	13.9 b
1 5 5	PRE MILESTONE NO HERBICIDE	2 LC		0.0 oz/a	A	0.0 d	16.0 ab	14.3 bc	16.3 ab	15.0 ab	15.7 a	15.5 ab
2 5 5	30 DAP MILESTONE NO HERBICIDE	2 LC		0.0 oz/a	B	0.0 d	13.7 bc	16.3 ab	16.3 ab	16.7 a	14.7 a	15.5 ab
3 5 5	60 DAP MILESTONE NO HERBICIDE	2 LC		0.0 oz/a	C	0.0 d	14.7 abc	17.3 a	17.3 a	15.7 ab	16.7 a	16.3 a
LSD P=.10						9.20	2.51	2.21	2.87	2.50	2.92	2.00
Standard Deviation						6.45	1.76	1.55	2.02	1.75	2.05	1.41
CV						24.73	17.88	15.28	19.77	17.11	20.43	13.93

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 MILESTONE 3LC (AMINOPYRALID)							
WEED-FREE - YEAR 2							
Trial ID:		PE-09-24		Study Dir.:		N. SHAY	
Location:		PONDER FARM		Investigator:		Eric P. Prostko	
Crop Code				ARAHY	ARAHY	ARAHY	
Rating Data Type				YIELD-D	YIELD-C	YIELD	
Rating Unit				LBS/PLOT	LBS/PLOT	LBS/A	
Rating Date				Sep-23-24	Sep-23-24	Sep-23-24	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Appl Code		
				58	59	60	
TABLE OF R MEANS							
Replicate 1				7.77	7.6	2143.4	
Replicate 2				7.30	7.2	2012.9	
Replicate 3				8.73	8.6	2406.3	
TABLE OF A (timing) MEANS							
1	PRE			A	7.27 b	7.1 b	2005.5 b
2	30 DAP			B	10.29 a	10.1 a	2836.4 a
3	60 DAP			C	6.24 b	6.1 b	1720.6 b
LSD P=.10				1.284	1.26	354.15	
Standard Deviation				1.650	1.62	454.95	
CV				20.798	20.80	20.80	
TABLE OF B (rate) MEANS							
1	MILESTONE	2 LC	7.0 oz/a		0.00 d	0.0 d	0.0 d
1	1X						
2	MILESTONE	2 LC	1.4 oz/a		4.96 c	4.9 c	1366.4 c
2	1/5THX						
3	MILESTONE	2 LC	0.7 oz/a		7.81 b	7.7 b	2153.8 b
3	1/10THX						
4	MILESTONE	2 LC	0.07 oz/a		13.39 a	13.1 a	3691.8 a
4	1/100THX						
5	MILESTONE	2 LC	0.0 oz/a		13.51 a	13.2 a	3725.5 a
5	NO HERBICIDE						
LSD P=.10				1.345	1.32	370.87	
Standard Deviation				1.534	1.50	423.08	
CV				19.341	19.34	19.34	
TABLE OF A (timing) B (rate) MEANS							
1	PRE			A	0.00 d	0.0 d	0.0 d
1	MILESTONE	2 LC	7.0 oz/a				
1	1X						
2	30 DAP			B	0.00 d	0.0 d	0.0 d
1	MILESTONE	2 LC	7.0 oz/a				
1	1X						
3	60 DAP			C	0.00 d	0.0 d	0.0 d
1	MILESTONE	2 LC	7.0 oz/a				
1	1X						
1	PRE			A	2.53 cd	2.5 cd	698.5 cd
2	MILESTONE	2 LC	1.4 oz/a				
2	1/5THX						
2	30 DAP			B	11.57 a	11.3 a	3189.4 a
2	MILESTONE	2 LC	1.4 oz/a				
2	1/5THX						
3	60 DAP			C	0.77 d	0.8 d	211.4 d
2	MILESTONE	2 LC	1.4 oz/a				
2	1/5THX						
1	PRE			A	6.33 b	6.2 b	1746.3 b
3	MILESTONE	2 LC	0.7 oz/a				
3	1/10THX						

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 MILESTONE 3LC (AMINOPYRALID)									
WEED-FREE - YEAR 2									
Trial ID:		PE-09-24		Study Dir.:		N. SHAY			
Location:		PONDER FARM		Investigator:		Eric P. Prostko			
Crop Code						ARAHY	ARAHY	ARAHY	
Rating Data Type						YIELD-D	YIELD-C	YIELD	
Rating Unit						LBS/PLOT	LBS/PLOT	LBS/A	
Rating Date						Sep-23-24	Sep-23-24	Sep-23-24	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Appl Unit Code	58	59	60	
2	30 DAP				B	12.67 a	12.4 a	3492.7 a	
3	MILESTONE	2 LC		0.7 oz/a					
3	1/10THX								
3	60 DAP				C	4.43 bc	4.3 bc	1222.4 bc	
3	MILESTONE	2 LC		0.7 oz/a					
3	1/10THX								
1	PRE				A	13.50 a	13.2 a	3722.5 a	
4	MILESTONE	2 LC		0.07 oz/a					
4	1/100THX								
2	30 DAP				B	14.23 a	13.9 a	3924.7 a	
4	MILESTONE	2 LC		0.07 oz/a					
4	1/100THX								
3	60 DAP				C	12.43 a	12.2 a	3428.3 a	
4	MILESTONE	2 LC		0.07 oz/a					
4	1/100THX								
1	PRE				A	14.00 a	13.7 a	3860.3 a	
5	MILESTONE	2 LC		0.0 oz/a					
5	NO HERBICIDE								
2	30 DAP				B	12.97 a	12.7 a	3575.4 a	
5	MILESTONE	2 LC		0.0 oz/a					
5	NO HERBICIDE								
3	60 DAP				C	13.57 a	13.3 a	3740.8 a	
5	MILESTONE	2 LC		0.0 oz/a					
5	NO HERBICIDE								
LSD P=.10						2.908	2.85	801.83	
Standard Deviation						2.040	2.00	562.49	
CV						25.714	25.71	25.71	

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 MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2						
Trial ID:	PE-09-24	Study Dir.:	N. SHAY			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Randomized Complete Block (RCB) AOV For Arahya Stand #/5ft May-13-24 (Data Column 1) Missing factor A levels prevents analyzing column 1 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	1216.400000				
Replicate	2	10.000000	5.000000	0.294	0.7529	
Treatment	4	1070.400000	267.600000	15.741	0.0007	
ERROR	8	136.000000	17.000000			
Randomized Complete Block (RCB) AOV For Arahya Stunting % May-13-24 (Data Column 2) Missing factor A levels prevents analyzing column 2 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	27843.333333				
Replicate	2	23.333333	11.666667	0.444	0.6561	
Treatment	4	27610.000000	6902.500000	262.952	0.0001	
ERROR	8	210.000000	26.250000			
Randomized Complete Block (RCB) AOV For Arahya Hgt1 Inches May-13-24 (Data Column 3) Missing factor A levels prevents analyzing column 3 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	10.500000				
Replicate	2	0.700000	0.350000	2.897	0.1132	
Treatment	4	8.833333	2.208333	18.276	0.0004	
ERROR	8	0.966667	0.120833			
Randomized Complete Block (RCB) AOV For ARAHY Hgt2 IN May-13-24 (Data Column 4) Missing factor A levels prevents analyzing column 4 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	10.100000				
Replicate	2	0.100000	0.050000	1.714	0.2401	
Treatment	4	9.766667	2.441667	83.714	0.0001	
ERROR	8	0.233333	0.029167			
Randomized Complete Block (RCB) AOV For ARAHY Hgt3 IN May-13-24 (Data Column 5) Missing factor A levels prevents analyzing column 5 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	13.233333				
Replicate	2	0.233333	0.116667	0.528	0.6088	
Treatment	4	11.233333	2.808333	12.717	0.0015	
ERROR	8	1.766667	0.220833			
Randomized Complete Block (RCB) AOV For ARAHY Hgt4 IN May-13-24 (Data Column 6) Missing factor A levels prevents analyzing column 6 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	9.733333				
Replicate	2	0.033333	0.016667	0.167	0.8493	
Treatment	4	8.900000	2.225000	22.250	0.0002	
ERROR	8	0.800000	0.100000			
Randomized Complete Block (RCB) AOV For ARAHY Hgt5 IN May-13-24 (Data Column 7) Missing factor A levels prevents analyzing column 7 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	9.233333				
Replicate	2	0.033333	0.016667	1.000	0.4096	
Treatment	4	9.066667	2.266667	136.000	0.0001	
ERROR	8	0.133333	0.016667			
Randomized Complete Block (RCB) AOV For ARAHY HGT-AVG IN May-13-24 (Data Column 8) Missing factor A levels prevents analyzing column 8 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	9.569333				
Replicate	2	0.121333	0.060667	2.220	0.1711	
Treatment	4	9.229333	2.307333	84.415	0.0001	
ERROR	8	0.218667	0.027333			

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 MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2						
Trial ID:	PE-09-24	Study Dir.:	N. SHAY			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Randomized Complete Block (RCB) AOV For ArahY Wdth1 IN May-13-24 (Data Column 9) Missing factor A levels prevents analyzing column 9 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	52.333333				
Replicate	2	1.233333	0.616667	2.027	0.1940	
Treatment	4	48.666667	12.166667	40.000	0.0001	
ERROR	8	2.433333	0.304167			
Randomized Complete Block (RCB) AOV For ARAHY Wd2 IN May-13-24 (Data Column 10) Missing factor A levels prevents analyzing column 10 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	42.600000				
Replicate	2	3.900000	1.950000	3.519	0.0801	
Treatment	4	34.266667	8.566667	15.459	0.0008	
ERROR	8	4.433333	0.554167			
Randomized Complete Block (RCB) AOV For ARAHY Wd3 IN May-13-24 (Data Column 11) Missing factor A levels prevents analyzing column 11 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	30.900000				
Replicate	2	0.100000	0.050000	0.146	0.8661	
Treatment	4	28.066667	7.016667	20.537	0.0003	
ERROR	8	2.733333	0.341667			
Randomized Complete Block (RCB) AOV For ARAHY Wd4 IN May-13-24 (Data Column 12) Missing factor A levels prevents analyzing column 12 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	36.400000				
Replicate	2	0.700000	0.350000	0.604	0.5696	
Treatment	4	31.066667	7.766667	13.410	0.0013	
ERROR	8	4.633333	0.579167			
Randomized Complete Block (RCB) AOV For ARAHY Wd5 IN May-13-24 (Data Column 13) Missing factor A levels prevents analyzing column 13 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	28.333333				
Replicate	2	0.033333	0.016667	0.054	0.9477	
Treatment	4	25.833333	6.458333	20.946	0.0003	
ERROR	8	2.466667	0.308333			
Randomized Complete Block (RCB) AOV For ARAHY WIDTH-AVG IN May-13-24 (Data Column 14) Missing factor A levels prevents analyzing column 14 as Factorial (RCB) design						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	14	34.200000				
Replicate	2	0.556000	0.278000	1.189	0.3531	
Treatment	4	31.773333	7.943333	33.970	0.0001	
ERROR	8	1.870667	0.233833			
COMPLETE FACTORIAL AOV For ArahY Stunt % Jun-11-24 (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	69238.800000				
R	2	51.600000	25.800000	1.919	0.1790	
A	2	22134.933333	11067.466667	422.961	0.0001	4.0
RA	4	104.666667	26.166667			
B	4	24985.911111	6246.477778	833.481	0.0001	2.4
RB	8	59.955556	7.494444			
AB	8	21686.622222	2710.827778	201.632	0.0001	5.2
RAB	16	215.111111	13.444444			

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 MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2						
Trial ID:	PE-09-24	Study Dir.:	N. SHAY			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
COMPLETE FACTORIAL AOV For Arahy Necrosis % Jun-11-24 (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	25397.777778				
R	2	21.111111	10.555556	2.714	0.0966	
A	2	4081.111111	2040.555556	524.714	0.0001	1.5
RA	4	15.555556	3.888889			
B	4	6142.222222	1535.555556	691.000	0.0001	1.3
RB	8	17.777778	2.222222			
AB	8	15057.777778	1882.222222	484.000	0.0001	2.8
RAB	16	62.222222	3.888889			
COMPLETE FACTORIAL AOV For Arahy Leaf curl 1-5 Jun-11-24 (Data Column 17)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	82.977778				
R	2	0.311111	0.155556	1.028	0.3803	
A	2	31.811111	15.905556	178.938	0.0001	0.23
RA	4	0.355556	0.088889			
B	4	25.588889	6.397222	41.125	0.0001	0.35
RB	8	1.244444	0.155556			
AB	8	21.244444	2.655556	17.541	0.0001	0.55
RAB	16	2.422222	0.151389			
COMPLETE FACTORIAL AOV For Arahy Epinasty % Jun-11-24 (Data Column 18)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	15570.000000				
R	2	360.000000	180.000000	0.532	0.5977	
A	2	1143.333333	571.666667	1.406	0.3449	15.7
RA	4	1626.666667	406.666667			
B	4	1297.777778	324.444444	0.857	0.5283	17.1
RB	8	3028.888889	378.611111			
AB	8	2695.555556	336.944444	0.995	0.4757	26.2
RAB	16	5417.777778	338.611111			
COMPLETE FACTORIAL AOV For Arahy Hgt1 in Jun-11-24 (Data Column 19)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	116.577778				
R	2	5.644444	2.822222	2.878	0.0856	
A	2	18.177778	9.088889	7.645	0.0430	0.8
RA	4	4.755556	1.188889			
B	4	44.355556	11.088889	19.379	0.0004	0.7
RB	8	4.577778	0.572222			
AB	8	23.377778	2.922222	2.980	0.0300	1.4
RAB	16	15.688889	0.980556			
COMPLETE FACTORIAL AOV For Arahy Hgt2 In Jun-11-24 (Data Column 20)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	128.977778				
R	2	3.377778	1.688889	3.514	0.0543	
A	2	24.311111	12.155556	547.000	0.0001	0.1
RA	4	0.088889	0.022222			
B	4	50.088889	12.522222	35.219	0.0001	0.5
RB	8	2.844444	0.355556			
AB	8	40.577778	5.072222	10.555	0.0001	1.0
RAB	16	7.688889	0.480556			
COMPLETE FACTORIAL AOV For Arahy Hgt3 In Jun-11-24 (Data Column 21)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	116.800000				
R	2	0.400000	0.200000	0.419	0.6650	
A	2	35.733333	17.866667	20.615	0.0078	0.7
RA	4	3.466667	0.866667			
B	4	41.911111	10.477778	21.930	0.0002	0.6
RB	8	3.822222	0.477778			
AB	8	23.822222	2.977778	6.233	0.0010	1.0
RAB	16	7.644444	0.477778			

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)							
WEED-FREE - YEAR 2							
Trial ID:	PE-09-24	Study Dir.:	N. SHAY				
Location:	PONDER FARM	Investigator:	Eric P. Prostko				
COMPLETE FACTORIAL AOV For Arahg Hgt4 In Jun-11-24 (Data Column 22)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	116.977778					
R	2	6.177778	3.088889	6.994	0.0066		
A	2	34.311111	17.155556	140.364	0.0002	0.3	
RA	4	0.488889	0.122222				
B	4	41.200000	10.300000	19.313	0.0004	0.6	
RB	8	4.266667	0.533333				
AB	8	23.466667	2.933333	6.642	0.0007	0.9	
RAB	16	7.066667	0.441667				
COMPLETE FACTORIAL AOV For Arahg Hgt5 In Jun-11-24 (Data Column 23)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	116.577778					
R	2	3.511111	1.755556	4.131	0.0358		
A	2	36.844444	18.422222	51.813	0.0014	0.5	
RA	4	1.422222	0.355556				
B	4	30.800000	7.700000	12.486	0.0016	0.7	
RB	8	4.933333	0.616667				
AB	8	32.266667	4.033333	9.490	0.0001	0.9	
RAB	16	6.800000	0.425000				
COMPLETE FACTORIAL AOV For ARAHY HGT-AVG IN Jun-11-24 (Data Column 24)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	103.968000					
R	2	3.237333	1.618667	5.346	0.0167		
A	2	28.848000	14.424000	86.544	0.0005	0.3	
RA	4	0.666667	0.166667				
B	4	40.545778	10.136444	76.150	0.0001	0.3	
RB	8	1.064889	0.133111				
AB	8	24.760889	3.095111	10.222	0.0001	0.8	
RAB	16	4.844444	0.302778				
COMPLETE FACTORIAL AOV For Arahg Wt1 In Jun-11-24 (Data Column 25)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	322.800000					
R	2	6.533333	3.266667	1.282	0.3044		
A	2	108.133333	54.066667	15.302	0.0134	1.5	
RA	4	14.133333	3.533333				
B	4	96.355556	24.088889	16.179	0.0007	1.1	
RB	8	11.911111	1.488889				
AB	8	44.977778	5.622222	2.207	0.0846	2.3	
RAB	16	40.755556	2.547222				
COMPLETE FACTORIAL AOV For Arahg Wt2 In Jun-11-24 (Data Column 26)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	572.444444					
R	2	33.911111	16.955556	5.117	0.0192		
A	2	186.977778	93.488889	42.711	0.0020	1.2	
RA	4	8.755556	2.188889				
B	4	133.555556	33.388889	11.297	0.0023	1.5	
RB	8	23.644444	2.955556				
AB	8	132.577778	16.572222	5.001	0.0031	2.6	
RAB	16	53.022222	3.313889				
COMPLETE FACTORIAL AOV For Arahg Wt3 In Jun-11-24 (Data Column 27)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	542.800000					
R	2	22.933333	11.466667	4.354	0.0309		
A	2	197.733333	98.866667	60.531	0.0010	1.0	
RA	4	6.533333	1.633333				
B	4	160.800000	40.200000	18.135	0.0004	1.3	
RB	8	17.733333	2.216667				
AB	8	94.933333	11.866667	4.506	0.0051	2.3	
RAB	16	42.133333	2.633333				

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 MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2							
Trial ID:	PE-09-24	Study Dir.:	N. SHAY				
Location:	PONDER FARM	Investigator:	Eric P. Prostko				
COMPLETE FACTORIAL AOV For Arahya Wt4 In Jun-11-24 (Data Column 28)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	758.577778					
R	2	95.244444	47.622222	9.358	0.0020		
A	2	225.244444	112.622222	11.953	0.0205	2.4	
RA	4	37.688889	9.422222				
B	4	113.688889	28.422222	8.642	0.0053	1.6	
RB	8	26.311111	3.288889				
AB	8	178.977778	22.372222	4.396	0.0057	3.2	
RAB	16	81.422222	5.088889				
COMPLETE FACTORIAL AOV For Arahya Wt5 In Jun-11-24 (Data Column 29)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	479.911111					
R	2	34.844444	17.422222	8.986	0.0024		
A	2	130.311111	65.155556	344.941	0.0001	0.3	
RA	4	0.755556	0.188889				
B	4	123.022222	30.755556	8.773	0.0051	1.6	
RB	8	28.044444	3.505556				
AB	8	131.911111	16.488889	8.504	0.0002	2.0	
RAB	16	31.022222	1.938889				
COMPLETE FACTORIAL AOV For ARAHY WIDTH-AVG INCHES Jun-11-24 (Data Column 30)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	452.080000					
R	2	31.717333	15.858667	15.060	0.0002		
A	2	165.168000	82.584000	112.410	0.0003	0.7	
RA	4	2.938667	0.734667				
B	4	122.906667	30.726667	32.389	0.0001	0.9	
RB	8	7.589333	0.948667				
AB	8	104.912000	13.114000	12.454	0.0001	1.5	
RAB	16	16.848000	1.053000				
COMPLETE FACTORIAL AOV For Arahya Stunt % Jul-15-24 (Data Column 31)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	70507.244444					
R	2	492.577778	246.288889	8.451	0.0031		
A	2	4493.911111	2246.955556	43.555	0.0019	5.6	
RA	4	206.355556	51.588889				
B	4	56835.911111	14208.977778	401.069	0.0001	5.2	
RB	8	283.422222	35.427778				
AB	8	7728.755556	966.094444	33.148	0.0001	7.7	
RAB	16	466.311111	29.144444				
COMPLETE FACTORIAL AOV For Arahya Necrosis % Jul-15-24 (Data Column 32)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	25680.977778					
R	2	14.044444	7.022222	1.325	0.2935		
A	2	7438.044444	3719.022222	740.513	0.0001	1.7	
RA	4	20.088889	5.022222				
B	4	6027.866667	1506.966667	554.712	0.0001	1.4	
RB	8	21.733333	2.716667				
AB	8	12074.400000	1509.300000	284.774	0.0001	3.3	
RAB	16	84.800000	5.300000				
COMPLETE FACTORIAL AOV For Arahya Leaf curl 1-5 Jul-15-24 (Data Column 33)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	43.077778					
R	2	0.144444	0.072222	3.586	0.0517		
A	2	7.144444	3.572222	49.462	0.0015	0.21	
RA	4	0.288889	0.072222				
B	4	13.688889	3.422222	47.385	0.0001	0.24	
RB	8	0.577778	0.072222				
AB	8	20.911111	2.613889	129.793	0.0001	0.20	
RAB	16	0.322222	0.020139				

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University of Georgia

PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2							
Trial ID:	PE-09-24	Study Dir.:	N. SHAY				
Location:	PONDER FARM	Investigator:	Eric P. Prostko				
COMPLETE FACTORIAL AOV For Arahy Epinasty % Jul-15-24 (Data Column 34)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	7177.777778					
R	2	31.111111	15.555556	2.462	0.1169		
A	2	2807.777778	1403.888889	114.864	0.0003	2.7	
RA	4	48.888889	12.222222				
B	4	1961.111111	490.277778	56.935	0.0001	2.6	
RB	8	68.888889	8.611111				
AB	8	2158.888889	269.861111	42.703	0.0001	3.6	
RAB	16	101.111111	6.319444				
COMPLETE FACTORIAL AOV For Arahy Hgt1 In Jul-15-24 (Data Column 35)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	1128.577778					
R	2	11.911111	5.955556	2.060	0.1600		
A	2	71.244444	35.622222	30.827	0.0037	0.8	
RA	4	4.622222	1.155556				
B	4	804.800000	201.200000	52.716	0.0001	1.7	
RB	8	30.533333	3.816667				
AB	8	159.200000	19.900000	6.882	0.0006	2.4	
RAB	16	46.266667	2.891667				
COMPLETE FACTORIAL AOV For Arahy Hgt2 In Jul-15-24 (Data Column 36)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	1089.777778					
R	2	14.444444	7.222222	1.335	0.2910		
A	2	23.644444	11.822222	11.565	0.0217	0.8	
RA	4	4.088889	1.022222				
B	4	847.777778	211.944444	109.000	0.0001	1.2	
RB	8	15.555556	1.944444				
AB	8	97.688889	12.211111	2.257	0.0789	3.3	
RAB	16	86.577778	5.411111				
COMPLETE FACTORIAL AOV For Arahy Hgt3 In Jul-15-24 (Data Column 37)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	1114.577778					
R	2	11.511111	5.755556	2.190	0.1443		
A	2	43.244444	21.622222	10.031	0.0276	1.1	
RA	4	8.622222	2.155556				
B	4	863.244444	215.811111	65.178	0.0001	1.6	
RB	8	26.488889	3.311111				
AB	8	119.422222	14.927778	5.681	0.0016	2.3	
RAB	16	42.044444	2.627778				
COMPLETE FACTORIAL AOV For Arahy Hgt4 In Jul-15-24 (Data Column 38)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	1116.311111					
R	2	18.311111	9.155556	2.383	0.1242		
A	2	43.244444	21.622222	18.187	0.0098	0.8	
RA	4	4.755556	1.188889				
B	4	830.533333	207.633333	38.215	0.0001	2.0	
RB	8	43.466667	5.433333				
AB	8	114.533333	14.316667	3.727	0.0121	2.8	
RAB	16	61.466667	3.841667				
COMPLETE FACTORIAL AOV For Arahy Hgt5 In Jul-15-24 (Data Column 39)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	44	1041.911111					
R	2	24.844444	12.422222	4.634	0.0258		
A	2	40.711111	20.355556	14.656	0.0144	0.9	
RA	4	5.555556	1.388889				
B	4	757.022222	189.255556	94.366	0.0001	1.2	
RB	8	16.044444	2.005556				
AB	8	154.844444	19.355556	7.221	0.0004	2.3	
RAB	16	42.888889	2.680556				

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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 MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2						
Trial ID:	PE-09-24	Study Dir.:	N. SHAY			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
COMPLETE FACTORIAL AOV For ARAHY HGT-AVG INCHES Jul-15-24 (Data Column 40)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1045.863111				
R	2	14.775111	7.387556	3.171	0.0692	
A	2	39.340444	19.670222	32.094	0.0034	0.6
RA	4	2.451556	0.612889			
B	4	817.187556	204.296889	92.684	0.0001	1.3
RB	8	17.633778	2.204222			
AB	8	117.201778	14.650222	6.289	0.0009	2.2
RAB	16	37.272889	2.329556			
COMPLETE FACTORIAL AOV For Arahy Wdt1 In Jul-15-24 (Data Column 41)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	8922.577778				
R	2	60.844444	30.422222	0.936	0.4126	
A	2	613.377778	306.688889	21.924	0.0070	2.9
RA	4	55.955556	13.988889			
B	4	6421.911111	1605.477778	64.708	0.0001	4.4
RB	8	198.488889	24.811111			
AB	8	1051.955556	131.494444	4.046	0.0084	8.1
RAB	16	520.044444	32.502778			
COMPLETE FACTORIAL AOV For Arahy Wdt2 In Jul-15-24 (Data Column 42)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	8596.800000				
R	2	24.400000	12.200000	1.039	0.3766	
A	2	451.733333	225.866667	26.677	0.0049	2.3
RA	4	33.866667	8.466667			
B	4	6907.244444	1726.811111	86.799	0.0001	3.9
RB	8	159.155556	19.894444			
AB	8	832.488889	104.061111	8.860	0.0001	4.9
RAB	16	187.911111	11.744444			
COMPLETE FACTORIAL AOV For Arahy Wdt3 In Jul-15-24 (Data Column 43)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	8681.244444				
R	2	88.711111	44.355556	2.181	0.1454	
A	2	341.377778	170.688889	9.649	0.0295	3.3
RA	4	70.755556	17.688889			
B	4	6549.466667	1637.366667	169.969	0.0001	2.7
RB	8	77.066667	9.633333			
AB	8	1228.400000	153.550000	7.549	0.0003	6.4
RAB	16	325.466667	20.341667			
COMPLETE FACTORIAL AOV For Arahy Wdt4 In Jul-15-24 (Data Column 44)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	8475.200000				
R	2	128.133333	64.066667	2.523	0.1115	
A	2	235.600000	117.800000	2.970	0.1620	4.9
RA	4	158.666667	39.666667			
B	4	6863.422222	1715.855556	83.542	0.0001	4.0
RB	8	164.311111	20.538889			
AB	8	518.844444	64.855556	2.554	0.0525	7.2
RAB	16	406.222222	25.388889			
COMPLETE FACTORIAL AOV For Arahy Wdt5 In Jul-15-24 (Data Column 45)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	8814.977778				
R	2	109.644444	54.822222	2.142	0.1499	
A	2	534.444444	267.222222	12.025	0.0203	3.7
RA	4	88.888889	22.222222			
B	4	6536.755556	1634.188889	67.189	0.0001	4.3
RB	8	194.577778	24.322222			
AB	8	941.111111	117.638889	4.596	0.0046	7.2
RAB	16	409.555556	25.597222			

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University of Georgia

PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2						
Trial ID:	PE-09-24	Study Dir.:	N. SHAY			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
COMPLETE FACTORIAL AOV For ARAHY WDTN-AVG IN Jul-15-24 (Data Column 46)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	8291.105778				
R	2	71.265778	35.632889	2.334	0.1290	
A	2	419.041778	209.520889	18.490	0.0095	2.6
RA	4	45.326222	11.331556			
B	4	6595.070222	1648.767556	116.855	0.0001	3.3
RB	8	112.876444	14.109556			
AB	8	803.260444	100.407556	6.577	0.0007	5.6
RAB	16	244.264889	15.266556			
COMPLETE FACTORIAL AOV For Arahya Stunt % Aug-7-24 (Data Column 47)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	73863.244444				
R	2	758.711111	379.355556	7.478	0.0051	
A	2	4812.844444	2406.422222	19.721	0.0085	8.6
RA	4	488.088889	122.022222			
B	4	58743.688889	14685.922222	158.159	0.0001	8.4
RB	8	742.844444	92.855556			
AB	8	7505.377778	938.172222	18.493	0.0001	10.2
RAB	16	811.688889	50.730556			
COMPLETE FACTORIAL AOV For Arahya Necrosis % Aug-7-24 (Data Column 48)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1220.000000				
R	2	10.000000	5.000000	1.161	0.3381	
A	2	303.333333	151.666667	16.545	0.0116	2.4
RA	4	36.666667	9.166667			
B	4	292.222222	73.055556	16.968	0.0006	1.8
RB	8	34.444444	4.305556			
AB	8	474.444444	59.305556	13.774	0.0001	3.0
RAB	16	68.888889	4.305556			
COMPLETE FACTORIAL AOV For Arahya Leaf curl 1-4 Aug-7-24 (Data Column 49)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	6.300000				
R	2	0.000000	0.000000	0.000	1.0000	
A	2	2.100000	1.050000	42.000	0.0021	0.12
RA	4	0.100000	0.025000			
B	4	1.688889	0.422222	30.400	0.0001	0.10
RB	8	0.111111	0.013889			
AB	8	2.011111	0.251389	13.923	0.0001	0.19
RAB	16	0.288889	0.018056			
COMPLETE FACTORIAL AOV For Arahya Epinasty % Aug-7-24 (Data Column 50)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	491.111111				
R	2	1.111111	0.555556	1.000	0.3897	
A	2	217.777778	108.888889	196.000	0.0001	0.6
RA	4	2.222222	0.555556			
B	4	85.555556	21.388889	38.500	0.0001	0.7
RB	8	4.444444	0.555556			
AB	8	171.111111	21.388889	38.500	0.0001	1.1
RAB	16	8.888889	0.555556			
COMPLETE FACTORIAL AOV For Arahya Stand loss % Aug-7-24 (Data Column 51)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	77247.644444				
R	2	246.711111	123.355556	2.963	0.0804	
A	2	2984.711111	1492.355556	17.282	0.0108	7.2
RA	4	345.422222	86.355556			
B	4	65074.533333	16268.633333	239.950	0.0001	7.2
RB	8	542.400000	67.800000			
AB	8	7387.733333	923.466667	22.181	0.0001	9.2
RAB	16	666.133333	41.633333			

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University of Georgia

PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2						
Trial ID:	PE-09-24	Study Dir.:	N. SHAY			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
COMPLETE FACTORIAL AOV For Arahg Hgt1 In Aug-7-24 (Data Column 52)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1747.911111				
R	2	18.977778	9.488889	3.064	0.0747	
A	2	122.177778	61.088889	15.709	0.0128	1.5
RA	4	15.555556	3.888889			
B	4	1352.355556	338.088889	227.075	0.0001	1.1
RB	8	11.911111	1.488889			
AB	8	177.377778	22.172222	7.159	0.0004	2.5
RAB	16	49.555556	3.097222			
COMPLETE FACTORIAL AOV For Arahg Hgt2 In Aug-7-24 (Data Column 53)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1843.200000				
R	2	1.600000	0.800000	0.334	0.7211	
A	2	102.533333	51.266667	53.034	0.0013	0.8
RA	4	3.866667	0.966667			
B	4	1496.755556	374.188889	233.059	0.0001	1.1
RB	8	12.844444	1.605556			
AB	8	187.244444	23.405556	9.764	0.0001	2.2
RAB	16	38.355556	2.397222			
COMPLETE FACTORIAL AOV For Arahg Hgt3 In Aug-7-24 (Data Column 54)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1889.200000				
R	2	19.600000	9.800000	2.410	0.1217	
A	2	104.533333	52.266667	25.290	0.0054	1.1
RA	4	8.266667	2.066667			
B	4	1519.200000	379.800000	128.022	0.0001	1.5
RB	8	23.733333	2.966667			
AB	8	148.800000	18.600000	4.574	0.0047	2.9
RAB	16	65.066667	4.066667			
COMPLETE FACTORIAL AOV For Arahg Hgt4 In Aug-7-24 (Data Column 55)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1874.311111				
R	2	11.511111	5.755556	1.873	0.1858	
A	2	114.311111	57.155556	9.040	0.0328	2.0
RA	4	25.288889	6.322222			
B	4	1502.088889	375.522222	72.604	0.0001	2.0
RB	8	41.377778	5.172222			
AB	8	130.577778	16.322222	5.313	0.0022	2.5
RAB	16	49.155556	3.072222			
COMPLETE FACTORIAL AOV For Arahg Hgt5 In Aug-7-24 (Data Column 56)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1916.977778				
R	2	19.244444	9.622222	2.294	0.1331	
A	2	79.244444	39.622222	2.887	0.1675	2.9
RA	4	54.888889	13.722222			
B	4	1494.977778	373.744444	114.606	0.0001	1.6
RB	8	26.088889	3.261111			
AB	8	175.422222	21.927778	5.228	0.0024	2.9
RAB	16	67.111111	4.194444			
COMPLETE FACTORIAL AOV For ARAHY HGT-AVG INCHES Aug-7-24 (Data Column 57)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1782.764444				
R	2	10.369778	5.184889	2.625	0.1033	
A	2	101.975111	50.987556	14.801	0.0142	1.4
RA	4	13.779556	3.444889			
B	4	1465.431111	366.357778	306.035	0.0001	1.0
RB	8	9.576889	1.197111			
AB	8	150.024889	18.753111	9.493	0.0001	2.0
RAB	16	31.607111	1.975444			

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University of Georgia

PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2						
Trial ID:	PE-09-24	Study Dir.:	N. SHAY			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
COMPLETE FACTORIAL AOV For ARAHY YIELD-D LBS/PLOT Sep-23-24 (Data Column 58)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1625.800000				
R	2	15.841333	7.920667	1.903	0.1813	
A	2	132.617333	66.308667	24.357	0.0058	1.28
RA	4	10.889333	2.722333			
B	4	1194.251111	298.562778	126.817	0.0001	1.35
RB	8	18.834222	2.354278			
AB	8	186.784889	23.348111	5.611	0.0017	2.91
RAB	16	66.581778	4.161361			
COMPLETE FACTORIAL AOV For ARAHY YIELD-C LBS/PLOT Sep-23-24 (Data Column 59)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	1561.418320				
R	2	15.214017	7.607008	1.903	0.1813	
A	2	127.365687	63.682843	24.357	0.0058	1.3
RA	4	10.458116	2.614529			
B	4	1146.958767	286.739692	126.817	0.0001	1.3
RB	8	18.088387	2.261048			
AB	8	179.388207	22.423526	5.611	0.0017	2.8
RAB	16	63.945139	3.996571			
COMPLETE FACTORIAL AOV For ARAHY YIELD LBS/A Sep-23-24 (Data Column 60)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	44	123611946.608346				
R	2	1204439.691355	602219.845678	1.903	0.1813	
A	2	10083089.388204	5041544.694102	24.357	0.0058	354.2
RA	4	827931.904663	206982.976166			
B	4	90800654.806018	22700163.701505	126.817	0.0001	370.9
RB	8	1431993.401244	178999.175156			
AB	8	14201527.686419	1775190.960802	5.611	0.0017	801.8
RAB	16	5062309.730444	316394.358153			
Rating Unit						
% = PERCENT						
IN = INCH						
1-5 = 1-5 INDEX/SCALE						
1-4 = 1-4 INDEX/SCALE						
ARM Action Codes						
T3 = ([C3]+[C4]+[C5]+[C6]+[C7])/5						
T4 = ([C9]+[C10]+[C11]+[C12]+[C13])/5						
T5 = ([C19]+[C20]+[C21]+[C22]+[C23])/5						
T6 = ([C25]+[C26]+[C27]+[C28]+[C29])/5						
T7 = ([C35]+[C36]+[C37]+[C38]+[C39])/5						
T8 = ([C41]+[C42]+[C43]+[C44]+[C45])/5						
T9 = ([52]+[53]+[54]+[55]+[56])/5						
T1 = [C58]*0.98						
TY2 = 281.36533333*[C59]						

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 MILESTONE 3LC (AMINOPYRALID)											
WEED-FREE - YEAR 2											
Trial ID:		PE-09-24		Study Dir.:		N. SHAY					
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Crop Code						Arahy	Arahy	Arahy	ARAHY	ARAHY	ARAHY
Rating Data Type						Stand	Stunting	Hgt1	Hgt2	Hgt3	Hgt4
Rating Unit						#/5ft	%	Inches	IN	IN	IN
Rating Date						May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24
Trt	Treatment	Form	Form	Rate	Appl						
No.	Name	Conc	Type	Rate	Unit	Code	Plot				
								1	2	3	4
								5	6		
1	PRE MILESTONE 1X	2 LC		7.0 oz/a	A	101		0.0	100.0	0.00	0.00
						215		0.0	100.0	0.00	0.00
						311		0.0	100.0	0.00	0.00
						Mean =		0.0	100.0	0.00	0.00
2	PRE MILESTONE 1/5THX	2 LC		1.4 oz/a	A	102		11.0	95.0	2.00	1.00
						207		18.0	95.0	2.00	1.00
						314		24.0	95.0	1.00	2.50
						Mean =		17.7	95.0	1.00	1.50
3	PRE MILESTONE 1/10THX	2 LC		0.7 oz/a	A	103		23.0	60.0	1.50	2.00
						202		15.0	45.0	2.00	2.00
						312		18.0	40.0	2.00	2.50
						Mean =		18.7	48.3	1.83	2.33
4	PRE MILESTONE 1/100THX	2 LC		0.07 oz/a	A	104		20.0	0.0	2.00	2.00
						205		22.0	5.0	2.50	2.00
						308		18.0	5.0	2.00	2.50
						Mean =		20.0	3.3	2.17	2.00
5	PRE MILESTONE NO HERBICIDE	2 LC		0.0 oz/a	A	105		27.0	0.0	1.50	2.00
						213		21.0	0.0	2.50	2.00
						303		26.0	0.0	1.50	2.00
						Mean =		24.7	0.0	1.83	2.17
6	30 DAP MILESTONE 1X	2 LC		7.0 oz/a	B	106					
						201					
						304					
						Mean =		.	.	.	.
7	30 DAP MILESTONE 1/5THX	2 LC		1.4 oz/a	B	107					
						209					
						302					
						Mean =		.	.	.	.
8	30 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a	B	108					
						212					
						305					
						Mean =		.	.	.	.
9	30 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a	B	109					
						211					
						309					
						Mean =		.	.	.	.
10	30 DAP MILESTONE NO HERBICIDE	2 LC		0.0 oz/a	B	110					
						203					
						315					
						Mean =		.	.	.	.
11	60 DAP MILESTONE 1X	2 LC		7.0 oz/a	C	111					
						206					
						310					
						Mean =		.	.	.	.
12	60 DAP MILESTONE 1/5THX	2 LC		1.4 oz/a	C	112					
						204					
						301					
						Mean =		.	.	.	.
13	60 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a	C	113					
						210					
						307					
						Mean =		.	.	.	.
14	60 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a	C	114					
						208					
						313					
						Mean =		.	.	.	.

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)											
WEED-FREE - YEAR 2											
Trial ID:		PE-09-24		Study Dir.:		N. SHAY					
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Crop Code						Arahy	Arahy	Arahy	ARAHY	ARAHY	ARAHY
Rating Data Type						Stand	Stunting	Hgt1	Hgt2	Hgt3	Hgt4
Rating Unit						#/5ft	%	Inches	IN	IN	IN
Rating Date						May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24
Trt	Treatment	Form	Form	Rate	Appl						
No.	Name	Conc	Type	Rate	Unit	Code	Plot				
15	60 DAP					C	115				
	MILESTONE	2 LC		0.0	oz/a		214				
	NO HERBICIDE						306				
						Mean =	.	.	.	.	.

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)											
WEED-FREE - YEAR 2											
Trial ID:		PE-09-24		Study Dir.:		N. SHAY					
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Crop Code						ARAHY	ARAHY	Arahy	ARAHY	ARAHY	ARAHY
Rating Data Type						Hgt5	HGT-AVG	Wdth1	Wd2	Wd3	Wd4
Rating Unit						IN	IN	IN	IN	IN	IN
Rating Date						May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24
Trt	Treatment	Form	Form	Rate	Appl						
No.	Name	Conc	Type	Rate	Unit	Code	Plot	7	8	9	10
1	PRE					A	101	0.00	0.0	0.00	0.00
	MILESTONE	2 LC		7.0 oz/a			215	0.00	0.0	0.00	0.00
	1X						311	0.00	0.0	0.00	0.00
							Mean =	0.00	0.0	0.00	0.00
2	PRE					A	102	1.00	1.2	1.00	1.50
	MILESTONE	2 LC		1.4 oz/a			207	1.00	1.7	2.00	3.00
	1/5THX						314	1.00	1.1	2.00	2.00
							Mean =	1.00	1.3	1.67	2.00
3	PRE					A	103	2.00	1.9	2.00	1.50
	MILESTONE	2 LC		0.7 oz/a			202	2.00	2.1	3.50	3.50
	1/10THX						312	2.00	2.2	1.50	1.00
							Mean =	2.00	2.1	2.33	2.00
4	PRE					A	104	2.00	2.0	4.50	3.00
	MILESTONE	2 LC		0.07 oz/a			205	2.00	2.2	4.50	4.00
	1/100THX						308	1.50	2.0	5.00	4.00
							Mean =	1.83	2.1	4.67	3.67
5	PRE					A	105	2.00	2.0	4.00	5.00
	MILESTONE	2 LC		0.0 oz/a			213	2.00	2.0	5.00	5.00
	NO HERBICIDE						303	2.00	1.7	5.00	3.00
							Mean =	2.00	1.9	4.67	4.33
6	30 DAP					B	106		.		
	MILESTONE	2 LC		7.0 oz/a			201		.		
	1X						304		.		
							Mean =	.	.	.	.
7	30 DAP					B	107		.		
	MILESTONE	2 LC		1.4 oz/a			209		.		
	1/5THX						302		.		
							Mean =	.	.	.	.
8	30 DAP					B	108		.		
	MILESTONE	2 LC		0.7 oz/a			212		.		
	1/10THX						305		.		
							Mean =	.	.	.	.
9	30 DAP					B	109		.		
	MILESTONE	2 LC		0.07 oz/a			211		.		
	1/100THX						309		.		
							Mean =	.	.	.	.
10	30 DAP					B	110		.		
	MILESTONE	2 LC		0.0 oz/a			203		.		
	NO HERBICIDE						315		.		
							Mean =	.	.	.	.
11	60 DAP					C	111		.		
	MILESTONE	2 LC		7.0 oz/a			206		.		
	1X						310		.		
							Mean =	.	.	.	.
12	60 DAP					C	112		.		
	MILESTONE	2 LC		1.4 oz/a			204		.		
	1/5THX						301		.		
							Mean =	.	.	.	.
13	60 DAP					C	113		.		
	MILESTONE	2 LC		0.7 oz/a			210		.		
	1/10THX						307		.		
							Mean =	.	.	.	.
14	60 DAP					C	114		.		
	MILESTONE	2 LC		0.07 oz/a			208		.		
	1/100THX						313		.		
							Mean =	.	.	.	.

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)											
WEED-FREE - YEAR 2											
Trial ID:		PE-09-24		Study Dir.:		N. SHAY					
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Crop Code						ARAHY	ARAHY	Arahy	ARAHY	ARAHY	ARAHY
Rating Data Type						Hgt5	HGT-AVG	Wdth1	Wd2	Wd3	Wd4
Rating Unit						IN	IN	IN	IN	IN	IN
Rating Date						May-13-24	May-13-24	May-13-24	May-13-24	May-13-24	May-13-24
Trt	Treatment	Form	Form	Rate	Appl						
No.	Name	Conc	Type	Rate	Unit	Code	Plot				
15	60 DAP					C	115				
	MILESTONE	2 LC		0.0	oz/a		214				
	NO HERBICIDE						306				
						Mean =					

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)											
WEED-FREE - YEAR 2											
Trial ID:		PE-09-24		Study Dir.:		N. SHAY					
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Crop Code						ARAHY	ARAHY	Arahy	Arahy	Arahy	Arahy
Rating Data Type						Wd5	WDTH-AVG	Stunt	Necrosis	Leaf curl	Epinasty
Rating Unit						IN	IN	%	%	1-5	%
Rating Date						May-13-24	May-13-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24
Trt	Treatment	Form	Form	Rate	Appl						
No.	Name	Conc	Type	Rate	Unit Code Plot	13	14	15	16	17	18
1	PRE MILESTONE 1X	2 LC		7.0 oz/a	A 101	0.00	0.0	100.0	0.0	1.00	0.0
					215	0.00	0.0	100.0	0.0	1.00	0.0
					311	0.00	0.0	100.0	0.0	1.00	0.0
					Mean =	0.00	0.0	100.0	0.0	1.00	0.0
2	PRE MILESTONE 1/5THX	2 LC		1.4 oz/a	A 102	1.50	1.4	99.0	10.0	1.00	100.0
					207	2.00	2.0	95.0	15.0	3.00	0.0
					314	3.00	2.1	85.0	10.0	2.50	10.0
					Mean =	2.17	1.8	93.0	11.7	2.17	36.7
3	PRE MILESTONE 1/10THX	2 LC		0.7 oz/a	A 103	2.00	1.6	80.0	10.0	2.00	0.0
					202	3.00	3.5	75.0	15.0	3.00	10.0
					312	2.00	2.0	60.0	10.0	2.00	10.0
					Mean =	2.33	2.4	71.7	11.7	2.33	6.7
4	PRE MILESTONE 1/100THX	2 LC	0.07 oz/a		A 104	4.00	3.9	10.0	5.0	3.00	5.0
					205	3.50	3.7	5.0	5.0	2.00	5.0
					308	3.50	3.9	5.0	0.0	1.50	0.0
					Mean =	3.67	3.8	6.7	3.3	2.17	3.3
5	PRE MILESTONE NO HERBICIDE	2 LC		0.0 oz/a	A 105	4.00	4.1	0.0	0.0	1.00	0.0
					213	3.50	4.1	0.0	0.0	1.00	0.0
					303	3.00	3.7	0.0	0.0	1.00	0.0
					Mean =	3.50	4.0	0.0	0.0	1.00	0.0
6	30 DAP MILESTONE 1X	2 LC		7.0 oz/a	B 106		.	100.0	100.0	1.00	0.0
					201		.	99.0	100.0	1.00	0.0
					304		.	90.0	90.0	1.00	80.0
					Mean =	.	.	96.3	96.7	1.00	26.7
7	30 DAP MILESTONE 1/5THX	2 LC		1.4 oz/a	B 107		.	10.0	5.0	4.00	10.0
					209		.	10.0	5.0	4.50	10.0
					302		.	15.0	5.0	4.50	15.0
					Mean =	.	.	11.7	5.0	4.33	11.7
8	30 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a	B 108		.	10.0	5.0	4.50	10.0
					212		.	10.0	5.0	4.50	10.0
					305		.	10.0	5.0	4.50	10.0
					Mean =	.	.	10.0	5.0	4.50	10.0
9	30 DAP MILESTONE 1/100THX	2 LC	0.07 oz/a		B 109		.	5.0	5.0	4.00	10.0
					211		.	5.0	5.0	4.50	10.0
					309		.	10.0	5.0	4.50	10.0
					Mean =	.	.	6.7	5.0	4.33	10.0
10	30 DAP MILESTONE NO HERBICIDE	2 LC	0.0 oz/a		B 110		.	0.0	0.0	1.00	0.0
					203		.	0.0	0.0	1.00	0.0
					315		.	0.0	0.0	1.00	0.0
					Mean =	.	.	0.0	0.0	1.00	0.0
11	60 DAP MILESTONE 1X	2 LC		7.0 oz/a	C 111		.	0.0	0.0	1.00	0.0
					206		.	0.0	0.0	1.00	0.0
					310		.	0.0	0.0	1.00	0.0
					Mean =	.	.	0.0	0.0	1.00	0.0
12	60 DAP MILESTONE 1/5THX	2 LC		1.4 oz/a	C 112		.	0.0	0.0	1.00	0.0
					204		.	0.0	0.0	1.00	0.0
					301		.	0.0	0.0	1.00	0.0
					Mean =	.	.	0.0	0.0	1.00	0.0
13	60 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a	C 113		.	0.0	0.0	1.00	0.0
					210		.	0.0	0.0	1.00	0.0
					307		.	0.0	0.0	1.00	0.0
					Mean =	.	.	0.0	0.0	1.00	0.0
14	60 DAP MILESTONE 1/100THX	2 LC	0.07 oz/a		C 114		.	0.0	0.0	1.00	0.0
					208		.	0.0	0.0	1.00	0.0
					313		.	0.0	0.0	1.00	0.0
					Mean =	.	.	0.0	0.0	1.00	0.0

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)					
WEED-FREE - YEAR 2					
Trial ID: PE-09-24		Study Dir.: N. SHAY			
Location: PONDER FARM		Investigator: Eric P. Prostko			

Crop Code						ARAHY	ARAHY	Arahy	Arahy	Arahy	Arahy
Rating Data Type						Wd5	WDTH-AVG	Stunt	Necrosis	Leaf curl	Epinasty
Rating Unit						IN	IN	%	%	1-5	%
Rating Date						May-13-24	May-13-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24
Trt	Treatment	Form	Form	Rate	Appl						
No.	Name	Conc	Type	Rate	Unit	Code	Plot				
15	60 DAP					C	115				
	MILESTONE	2 LC		0.0	oz/a		214	.	0.0	0.0	1.00
	NO HERBICIDE						306	.	0.0	0.0	1.00
						Mean =		.	0.0	0.0	1.00

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)											
WEED-FREE - YEAR 2											
Trial ID:		PE-09-24		Study Dir.:		N. SHAY					
Location:		PONDER FARM		Investigator:		Eric P. Prostko					
Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY
Rating Data Type						Hgt1	Hgt2	Hgt3	Hgt4	Hgt5	HGT-AVG
Rating Unit						in	In	In	In	In	IN
Rating Date						Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24
Trt	Treatment	Form	Form	Rate	Appl						
No.	Name	Conc	Type	Rate	Unit	Code	Plot	19	20	21	22
1	PRE MILESTONE 1X	2 LC	7.0 oz/a	A		101		0.0	0.0	0.0	0.0
						215		0.0	0.0	0.0	0.0
						311		0.0	0.0	0.0	0.0
						Mean =		0.0	0.0	0.0	0.0
2	PRE MILESTONE 1/5THX	2 LC	1.4 oz/a	A		102		0.0	0.0	0.0	0.0
						207		4.0	1.0	2.0	2.0
						314		4.0	1.0	2.0	2.2
						Mean =		2.7	0.7	1.3	1.5
3	PRE MILESTONE 1/10THX	2 LC	0.7 oz/a	A		103		2.0	4.0	3.0	2.0
						202		4.0	5.0	2.0	2.0
						312		5.0	5.0	2.0	3.0
						Mean =		3.7	4.7	2.3	2.3
4	PRE MILESTONE 1/100THX	2 LC	0.07 oz/a	A		104		4.0	4.0	4.0	3.0
						205		4.0	4.0	3.0	4.0
						308		5.0	4.0	4.0	4.0
						Mean =		4.3	4.0	3.7	3.7
5	PRE MILESTONE NO HERBICIDE	2 LC	0.0 oz/a	A		105		4.0	4.0	4.0	4.0
						213		4.0	3.0	3.0	4.0
						303		4.0	5.0	4.0	4.0
						Mean =		4.0	4.0	3.7	3.7
6	30 DAP MILESTONE 1X	2 LC	7.0 oz/a	B		106		0.0	0.0	0.0	0.0
						201		0.0	0.0	0.0	0.0
						304		2.0	2.0	2.0	2.0
						Mean =		0.7	0.7	0.7	0.7
7	30 DAP MILESTONE 1/5THX	2 LC	1.4 oz/a	B		107		5.0	5.0	5.0	4.0
						209		3.0	4.0	3.0	5.0
						302		5.0	4.0	5.0	4.0
						Mean =		4.3	4.3	4.3	4.3
8	30 DAP MILESTONE 1/10THX	2 LC	0.7 oz/a	B		108		4.0	4.0	5.0	4.0
						212		4.0	4.0	5.0	2.0
						305		4.0	4.0	4.0	5.0
						Mean =		4.0	4.0	4.7	3.7
9	30 DAP MILESTONE 1/100THX	2 LC	0.07 oz/a	B		109		4.0	3.0	4.0	3.0
						211		4.0	5.0	4.0	4.0
						309		4.0	4.0	4.0	5.0
						Mean =		4.0	4.0	4.0	4.3
10	30 DAP MILESTONE NO HERBICIDE	2 LC	0.0 oz/a	B		110		5.0	4.0	5.0	4.0
						203		4.0	5.0	4.0	4.0
						315		4.0	6.0	5.0	4.0
						Mean =		4.3	5.0	4.7	4.0
11	60 DAP MILESTONE 1X	2 LC	7.0 oz/a	C		111		4.0	5.0	4.0	4.0
						206		5.0	4.0	4.0	4.0
						310		4.0	4.0	4.0	5.0
						Mean =		4.3	4.3	4.0	4.3
12	60 DAP MILESTONE 1/5THX	2 LC	1.4 oz/a	C		112		3.0	4.0	4.0	3.0
						204		5.0	5.0	5.0	4.0
						301		5.0	5.0	4.0	4.0
						Mean =		4.3	4.7	4.3	3.7
13	60 DAP MILESTONE 1/10THX	2 LC	0.7 oz/a	C		113		5.0	4.0	4.0	5.0
						210		5.0	5.0	6.0	5.0
						307		5.0	5.0	4.0	6.0
						Mean =		5.0	4.7	4.7	5.3
14	60 DAP MILESTONE 1/100THX	2 LC	0.07 oz/a	C		114		4.0	4.0	4.0	3.0
						208		5.0	4.0	5.0	4.0
						313		4.0	5.0	5.0	5.0
						Mean =		4.3	4.3	4.7	4.0

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)					
WEED-FREE - YEAR 2					
Trial ID: PE-09-24		Study Dir.: N. SHAY			
Location: PONDER FARM		Investigator: Eric P. Prostko			

Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY
Rating Data Type						Hgt1	Hgt2	Hgt3	Hgt4	Hgt5	HGT-AVG
Rating Unit						in	In	In	In	In	IN
Rating Date						Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24
Trt	Treatment	Form	Form	Rate	Appl						
No.	Name	Conc	Type	Rate	Unit	Code	Plot				
15	60 DAP					C	115	4.0	4.0	4.0	4.0
	MILESTONE	2 LC		0.0	oz/a		214	3.0	4.0	4.0	3.8
	NO HERBICIDE						306	6.0	5.0	4.0	4.8
						Mean =		4.3	4.3	4.0	4.2

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)													
WEED-FREE - YEAR 2													
Trial ID:		PE-09-24		Study Dir.:		N. SHAY							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY		
Rating Data Type						Wt1	Wt2	Wt3	Wt4	Wt5	WDTH-AVG		
Rating Unit						In	In	In	In	In	INCHES		
Rating Date						Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24		
Trt	Treatment	Form	Form	Rate	Appl								
No.	Name	Conc	Type	Rate	Unit	Code	Plot	25	26	27	28	29	30
1	PRE					A	101	0.0	0.0	0.0	0.0	0.0	0.0
	MILESTONE	2 LC		7.0 oz/a			215	0.0	0.0	0.0	0.0	0.0	0.0
	1X						311	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0	0.0	0.0
2	PRE					A	102	0.0	0.0	0.0	0.0	0.0	0.0
	MILESTONE	2 LC		1.4 oz/a			207	2.0	1.0	3.0	2.0	1.0	1.8
	1/5THX						314	3.0	1.0	1.0	3.0	6.0	2.8
							Mean =	1.7	0.7	1.3	1.7	2.3	1.5
3	PRE					A	103	3.0	2.0	2.0	4.0	3.0	2.8
	MILESTONE	2 LC		0.7 oz/a			202	3.0	1.0	2.0	4.0	2.0	2.4
	1/10THX						312	3.0	2.0	4.0	2.0	3.0	2.8
							Mean =	3.0	1.7	2.7	3.3	2.7	2.7
4	PRE					A	104	5.0	5.0	7.0	7.0	5.0	5.8
	MILESTONE	2 LC		0.07 oz/a			205	6.0	6.0	4.0	7.0	5.0	5.6
	1/100THX						308	5.0	9.0	8.0	10.0	11.0	8.6
							Mean =	5.3	6.7	6.3	8.0	7.0	6.7
5	PRE					A	105	7.0	7.0	6.0	6.0	8.0	6.8
	MILESTONE	2 LC		0.0 oz/a			213	7.0	5.0	6.0	7.0	8.0	6.6
	NO HERBICIDE						303	4.0	9.0	9.0	8.0	7.0	7.4
							Mean =	6.0	7.0	7.0	7.0	7.7	6.9
6	30 DAP					B	106	0.0	0.0	0.0	0.0	0.0	0.0
	MILESTONE	2 LC		7.0 oz/a			201	0.0	0.0	0.0	0.0	0.0	0.0
	1X						304	6.0	7.0	4.0	3.0	4.0	4.8
							Mean =	2.0	2.3	1.3	1.0	1.3	1.6
7	30 DAP					B	107	8.0	9.0	7.0	8.0	7.0	7.8
	MILESTONE	2 LC		1.4 oz/a			209	5.0	6.0	6.0	7.0	6.0	6.0
	1/5THX						302	7.0	7.0	7.0	8.0	9.0	7.6
							Mean =	6.7	7.3	6.7	7.7	7.3	7.1
8	30 DAP					B	108	6.0	8.0	7.0	6.0	8.0	7.0
	MILESTONE	2 LC		0.7 oz/a			212	7.0	7.0	8.0	8.0	9.0	7.8
	1/10THX						305	8.0	8.0	7.0	10.0	7.0	8.0
							Mean =	7.0	7.7	7.3	8.0	8.0	7.6
9	30 DAP					B	109	6.0	8.0	6.0	6.0	8.0	6.8
	MILESTONE	2 LC		0.07 oz/a			211	6.0	5.0	8.0	7.0	8.0	6.8
	1/100THX						309	7.0	9.0	9.0	11.0	9.0	9.0
							Mean =	6.3	7.3	7.7	8.0	8.3	7.5
10	30 DAP					B	110	6.0	8.0	7.0	7.0	6.0	6.8
	MILESTONE	2 LC		0.0 oz/a			203	5.0	5.0	6.0	6.0	7.0	5.8
	NO HERBICIDE						315	8.0	8.0	10.0	9.0	9.0	8.8
							Mean =	6.3	7.0	7.7	7.3	7.3	7.1
11	60 DAP					C	111	6.0	5.0	6.0	10.0	6.0	6.6
	MILESTONE	2 LC		7.0 oz/a			206	6.0	7.0	7.0	5.0	9.0	6.8
	1X						310	5.0	7.0	8.0	17.0	9.0	9.2
							Mean =	5.7	6.3	7.0	10.7	8.0	7.5
12	60 DAP					C	112	5.0	7.0	5.0	6.0	7.0	6.0
	MILESTONE	2 LC		1.4 oz/a			204	6.0	8.0	8.0	10.0	6.0	7.6
	1/5THX						301	8.0	6.0	9.0	9.0	10.0	8.4
							Mean =	6.3	7.0	7.3	8.3	7.7	7.3
13	60 DAP					C	113	10.0	10.0	10.0	7.0	10.0	9.4
	MILESTONE	2 LC		0.7 oz/a			210	9.0	10.0	15.0	9.0	11.0	10.8
	1/10THX						307	7.0	17.0	11.0	20.0	10.0	13.0
							Mean =	8.7	12.3	12.0	12.0	10.3	11.1
14	60 DAP					C	114	6.0	7.0	7.0	7.0	8.0	7.0
	MILESTONE	2 LC		0.07 oz/a			208	5.0	6.0	9.0	9.0	6.0	7.0
	1/100THX						313	10.0	10.0	12.0	11.0	10.0	10.6
							Mean =	7.0	7.7	9.3	9.0	8.0	8.2

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)													
WEED-FREE - YEAR 2													
Trial ID:		PE-09-24		Study Dir.:		N. SHAY							
Location:		PONDER FARM		Investigator:		Eric P. Prostko							
Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY		
Rating Data Type						Wt1	Wt2	Wt3	Wt4	Wt5	WDTH-AVG		
Rating Unit						In	In	In	In	In	INCHES		
Rating Date						Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24	Jun-11-24		
Trt	Treatment	Form	Form	Rate	Appl								
No.	Name	Conc	Type	Rate	Unit	Code	Plot	25	26	27	28	29	30
15	60 DAP					C	115	8.0	8.0	9.0	7.0	7.0	7.8
	MILESTONE	2 LC		0.0	oz/a		214	7.0	8.0	7.0	6.0	5.0	6.6
	NO HERBICIDE						306	6.0	6.0	6.0	9.0	7.0	6.8
						Mean =		7.0	7.3	7.3	7.3	6.3	7.1

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)												
WEED-FREE - YEAR 2												
Trial ID:		PE-09-24		Study Dir.:		N. SHAY						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Rating Data Type						Stunt	Necrosis	Leaf curl	Epinasty	Hgt1	Hgt2	Hgt3
Rating Unit						%	%	1-5	%	In	In	In
Rating Date						Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24
Trt	Treatment	Form	Form	Rate	Appl							
No.	Name	Conc	Type	Rate	Unit	Code	Plot					
								31	32	33	34	35
1	PRE MILESTONE 1X	2 LC		7.0 oz/a		A 101		100.0	0.0	1.00	0.0	0.0
						215		100.0	0.0	1.00	0.0	0.0
						311		99.0	0.0	1.00	0.0	0.0
						Mean =		99.7	0.0	1.00	0.0	0.0
2	PRE MILESTONE 1/5THX	2 LC		1.4 oz/a		A 102		99.0	0.0	1.00	0.0	0.0
						207		90.0	0.0	1.50	0.0	7.0
						314		70.0	10.0	1.50	5.0	9.0
						Mean =		86.3	3.3	1.33	1.7	5.3
3	PRE MILESTONE 1/10THX	2 LC		0.7 oz/a		A 103		60.0	0.0	1.00	0.0	11.0
						202		60.0	0.0	1.50	0.0	12.0
						312		35.0	0.0	1.00	5.0	10.0
						Mean =		51.7	0.0	1.17	1.7	9.0
4	PRE MILESTONE 1/100THX	2 LC		0.07 oz/a		A 104		0.0	0.0	1.00	0.0	11.0
						205		0.0	0.0	1.00	0.0	13.0
						308		0.0	0.0	1.00	0.0	13.0
						Mean =		0.0	0.0	1.00	0.0	13.0
5	PRE MILESTONE NO HERBICIDE	2 LC		0.0 oz/a		A 105		0.0	0.0	1.00	0.0	14.0
						213		0.0	0.0	1.00	0.0	10.0
						303		0.0	0.0	1.00	0.0	13.0
						Mean =		0.0	0.0	1.00	0.0	12.3
6	30 DAP MILESTONE 1X	2 LC		7.0 oz/a		B 106		100.0	0.0	1.00	0.0	0.0
						201		100.0	0.0	1.00	0.0	0.0
						304		100.0	0.0	1.00	0.0	0.0
						Mean =		100.0	0.0	1.00	0.0	0.0
7	30 DAP MILESTONE 1/5THX	2 LC		1.4 oz/a		B 107		10.0	0.0	3.00	5.0	13.0
						209		20.0	0.0	3.50	10.0	12.0
						302		10.0	0.0	3.00	10.0	12.0
						Mean =		13.3	0.0	3.17	8.3	12.3
8	30 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a		B 108		5.0	0.0	2.00	5.0	12.0
						212		10.0	0.0	2.00	5.0	12.0
						305		0.0	0.0	1.50	0.0	13.0
						Mean =		5.0	0.0	1.83	3.3	12.3
9	30 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a		B 109		5.0	0.0	2.00	5.0	11.0
						211		0.0	0.0	1.50	0.0	13.0
						309		0.0	0.0	1.00	0.0	12.0
						Mean =		1.7	0.0	1.50	1.7	12.0
10	30 DAP MILESTONE NO HERBICIDE	2 LC		0.0 oz/a		B 110		0.0	0.0	1.00	0.0	13.0
						203		0.0	0.0	1.00	0.0	12.0
						315		0.0	0.0	1.00	0.0	15.0
						Mean =		0.0	0.0	1.00	0.0	13.3
11	60 DAP MILESTONE 1X	2 LC		7.0 oz/a		C 111		99.0	99.0	1.00	0.0	0.0
						206		95.0	90.0	1.00	0.0	4.0
						310		90.0	95.0	1.00	10.0	3.0
						Mean =		94.7	94.7	1.00	3.3	2.3
12	60 DAP MILESTONE 1/5THX	2 LC		1.4 oz/a		C 112		65.0	30.0	1.50	35.0	3.0
						204		50.0	25.0	2.00	40.0	6.0
						301		50.0	25.0	2.00	40.0	4.0
						Mean =		55.0	26.7	1.83	38.3	4.3
13	60 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a		C 113		50.0	10.0	2.00	30.0	3.0
						210		40.0	10.0	2.00	40.0	7.0
						307		40.0	15.0	2.00	40.0	4.0
						Mean =		43.3	11.7	2.00	36.7	4.7
14	60 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a		C 114		25.0	5.0	4.50	15.0	12.0
						208		15.0	5.0	4.50	10.0	11.0
						313		5.0	5.0	4.50	15.0	12.0
						Mean =		15.0	5.0	4.50	13.3	11.7

PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)			
WEED-FREE - YEAR 2			
Trial ID:	PE-09-24	Study Dir.:	N. SHAY
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy		
Rating Data Type						Stunt	Necrosis	Leaf curl	Epinasty	Hgt1	Hgt2	Hgt3		
Rating Unit						%	%	1-5	%	In	In	In		
Rating Date						Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24		
Trt	Treatment	Form	Form	Rate	Appl									
No.	Name	Conc	Type	Rate	Unit	Code	Plot	31	32	33	34	35	36	37
15	60 DAP					C	115	0.0	0.0	1.00	0.0	12.0	13.0	14.0
	MILESTONE	2 LC		0.0	oz/a		214	0.0	0.0	1.00	0.0	10.0	13.0	12.0
	NO HERBICIDE						306	0.0	0.0	1.00	0.0	13.0	13.0	14.0
	Mean =							0.0	0.0	1.00	0.0	11.7	13.0	13.3

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2												
Trial ID:		PE-09-24		Study Dir.:		N. SHAY						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Crop Code Rating Data Type Rating Unit Rating Date						Arahy Hgt4 In Jul-15-24	Arahy Hgt5 In Jul-15-24	ARAHY HGT-AVG INCHES Jul-15-24	Arahy Wdt1 In Jul-15-24	Arahy Wdt2 In Jul-15-24	Arahy Wdt3 In Jul-15-24	Arahy Wdt4 In Jul-15-24
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Appl Code Plot	38	39	40	41	42	43	44
1	PRE MILESTONE 1X	2 LC	7.0 oz/a	A	101 215 311 Mean =	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
2	PRE MILESTONE 1/5THX	2 LC	1.4 oz/a	A	102 207 314 Mean =	0.0 9.0 10.0 6.3	0.0 5.0 5.0 3.3	0.0 7.6 7.6 5.1	0.0 9.0 24.0 11.0	0.0 5.0 16.0 7.0	0.0 3.0 21.0 8.0	0.0 21.0 26.0 15.7
3	PRE MILESTONE 1/10THX	2 LC	0.7 oz/a	A	103 202 312 Mean =	8.0 11.0 9.0 9.3	8.0 8.0 11.0 9.0	9.2 9.6 9.8 9.5	24.0 7.0 7.0 12.7	24.0 21.0 18.0 21.0	29.0 22.0 36.0 29.0	13.0 25.0 28.0 22.0
4	PRE MILESTONE 1/100THX	2 LC	0.07 oz/a	A	104 205 308 Mean =	13.0 11.0 14.0 12.7	8.0 11.0 12.0 10.3	11.6 12.2 13.2 12.3	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0
5	PRE MILESTONE NO HERBICIDE	2 LC	0.0 oz/a	A	105 213 303 Mean =	14.0 13.0 14.0 13.7	13.0 12.0 13.0 12.7	13.8 12.0 13.4 13.1	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0
6	30 DAP MILESTONE 1X	2 LC	7.0 oz/a	B	106 201 304 Mean =	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
7	30 DAP MILESTONE 1/5THX	2 LC	1.4 oz/a	B	107 209 302 Mean =	10.0 10.0 11.0 10.3	11.0 10.0 12.0 11.0	11.0 10.6 11.2 10.9	36.0 22.0 36.0 31.3	34.0 24.0 32.0 30.0	34.0 36.0 36.0 35.3	36.0 17.0 36.0 29.7
8	30 DAP MILESTONE 1/10THX	2 LC	0.7 oz/a	B	108 212 305 Mean =	13.0 14.0 11.0 12.7	12.0 12.0 12.0 12.0	11.6 11.8 12.2 11.9	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0	34.0 36.0 36.0 35.3	36.0 36.0 36.0 36.0
9	30 DAP MILESTONE 1/100THX	2 LC	0.07 oz/a	B	109 211 309 Mean =	8.0 13.0 11.0 10.7	11.0 14.0 12.0 12.3	10.8 12.6 12.4 11.9	36.0 36.0 36.0 36.0	32.0 36.0 36.0 34.7	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0
10	30 DAP MILESTONE NO HERBICIDE	2 LC	0.0 oz/a	B	110 203 315 Mean =	14.0 13.0 15.0 14.0	11.0 11.0 12.0 11.3	12.8 11.6 14.4 12.9	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0
11	60 DAP MILESTONE 1X	2 LC	7.0 oz/a	C	111 206 310 Mean =	0.0 4.0 4.0 2.7	0.0 4.0 5.0 3.0	0.0 3.8 4.4 2.7	0.0 13.0 19.0 10.7	0.0 14.0 9.0 7.7	0.0 12.0 17.0 9.7	0.0 11.0 11.0 7.3
12	60 DAP MILESTONE 1/5THX	2 LC	1.4 oz/a	C	112 204 301 Mean =	2.0 4.0 5.0 3.7	4.0 7.0 4.0 5.0	3.6 4.8 4.4 4.3	21.0 22.0 21.0 21.3	17.0 21.0 25.0 21.0	25.0 28.0 21.0 24.7	18.0 22.0 25.0 21.7
13	60 DAP MILESTONE 1/10THX	2 LC	0.7 oz/a	C	113 210 307 Mean =	8.0 7.0 4.0 6.3	6.0 5.0 5.0 5.3	5.8 6.6 4.4 5.6	21.0 22.0 28.0 23.7	31.0 36.0 27.0 31.3	20.0 23.0 25.0 22.7	22.0 24.0 25.0 23.7
14	60 DAP MILESTONE 1/100THX	2 LC	0.07 oz/a	C	114 208 313 Mean =	11.0 9.0 14.0 11.3	10.0 11.0 17.0 12.7	10.6 9.8 13.8 11.4	36.0 36.0 36.0 36.0	34.0 34.0 36.0 34.7	36.0 32.0 36.0 34.7	36.0 36.0 36.0 36.0

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)												
WEED-FREE - YEAR 2												
Trial ID:		PE-09-24		Study Dir.:		N. SHAY						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Crop Code						Arahy	Arahy	ARAHY	Arahy	Arahy	Arahy	Arahy
Rating Data Type						Hgt4	Hgt5	HGT-AVG	Wdt1	Wdt2	Wdt3	Wdt4
Rating Unit						In	In	INCHES	In	In	In	In
Rating Date						Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24	Jul-15-24
Trt	Treatment	Form	Form	Rate	Appl							
No.	Name	Conc	Type	Rate	Unit	Code	Plot					
15	60 DAP					C	115	11.0	12.0	12.4	36.0	36.0
	MILESTONE	2 LC		0.0	oz/a		214	12.0	13.0	12.0	36.0	36.0
	NO HERBICIDE						306	12.0	13.0	13.0	36.0	36.0
						Mean =		11.7	12.7	12.5	36.0	36.0

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)														
WEED-FREE - YEAR 2														
Trial ID:		PE-09-24		Study Dir.:		N. SHAY								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Crop Code Rating Data Type Rating Unit Rating Date						Arahy Wdt5 In Jul-15-24	ARAHY WDTH-AVG IN Jul-15-24	Arahy Stunt % Aug-7-24	Arahy Necrosis % Aug-7-24	Arahy Leaf curl 1-4 Aug-7-24	Arahy Epinasty % Aug-7-24	Arahy Stand loss % Aug-7-24		
Trt	Treatment	Form	Form	Rate	Appl									
No.	Name	Conc	Type	Rate	Unit	Code	Plot	45	46	47	48	49	50	51
1	PRE MILESTONE 1X	2	LC	7.0	oz/a	A 101 215 311 Mean =		0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	100.0 100.0 99.0 99.7	0.0 0.0 0.0 0.0	1.00 1.00 1.00 1.00	0.0 0.0 0.0 0.0	100.0 100.0 99.0 99.7
2	PRE MILESTONE 1/5THX	2	LC	1.4	oz/a	A 102 207 314 Mean =		0.0 10.0 34.0 14.7	0.0 9.6 24.2 11.3	99.0 75.0 50.0 74.7	0.0 5.0 0.0 1.7	1.00 1.00 1.00 1.00	0.0 0.0 0.0 0.0	100.0 65.0 50.0 71.7
3	PRE MILESTONE 1/10THX	2	LC	0.7	oz/a	A 103 202 312 Mean =		10.0 20.0 17.0 15.7	20.0 19.0 21.2 20.1	60.0 40.0 15.0 38.3	0.0 0.0 0.0 0.0	1.50 1.00 1.00 1.17	0.0 0.0 0.0 0.0	25.0 25.0 0.0 16.7
4	PRE MILESTONE 1/100THX	2	LC	0.07	oz/a	A 104 205 308 Mean =		36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0	5.0 0.0 0.0 1.7	0.0 0.0 0.0 0.0	1.00 1.00 1.00 1.00	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
5	PRE MILESTONE NO HERBICIDE	2	LC	0.0	oz/a	A 105 213 303 Mean =		36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	1.00 1.00 1.00 1.00	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
6	30 DAP MILESTONE 1X	2	LC	7.0	oz/a	B 106 201 304 Mean =		0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	100.0 100.0 100.0 100.0	0.0 0.0 0.0 0.0	1.00 1.00 1.00 1.00	0.0 0.0 0.0 0.0	100.0 100.0 100.0 100.0
7	30 DAP MILESTONE 1/5THX	2	LC	1.4	oz/a	B 107 209 302 Mean =		36.0 36.0 36.0 36.0	35.2 27.0 35.2 32.5	0.0 5.0 0.0 1.7	0.0 0.0 0.0 0.0	1.50 1.50 1.50 1.50	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
8	30 DAP MILESTONE 1/10THX	2	LC	0.7	oz/a	B 108 212 305 Mean =		36.0 36.0 36.0 36.0	35.6 36.0 36.0 35.9	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	1.00 1.00 1.50 1.17	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
9	30 DAP MILESTONE 1/100THX	2	LC	0.07	oz/a	B 109 211 309 Mean =		36.0 36.0 36.0 36.0	35.2 36.0 36.0 35.7	5.0 0.0 0.0 1.7	0.0 0.0 0.0 0.0	1.00 1.00 1.00 1.00	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
10	30 DAP MILESTONE NO HERBICIDE	2	LC	0.0	oz/a	B 110 203 315 Mean =		36.0 36.0 36.0 36.0	36.0 36.0 36.0 36.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	1.00 1.00 1.00 1.00	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
11	60 DAP MILESTONE 1X	2	LC	7.0	oz/a	C 111 206 310 Mean =		0.0 12.0 15.0 9.0	0.0 12.4 14.2 8.9	100.0 100.0 100.0 100.0	0.0 0.0 0.0 0.0	1.00 1.00 1.00 1.00	0.0 0.0 0.0 0.0	100.0 100.0 100.0 100.0
12	60 DAP MILESTONE 1/5THX	2	LC	1.4	oz/a	C 112 204 301 Mean =		21.0 24.0 25.0 23.3	20.4 23.4 23.4 22.4	75.0 50.0 50.0 58.3	20.0 15.0 15.0 16.7	1.50 2.00 1.50 1.67	10.0 10.0 5.0 8.3	10.0 0.0 0.0 3.3
13	60 DAP MILESTONE 1/10THX	2	LC	0.7	oz/a	C 113 210 307 Mean =		26.0 25.0 23.0 24.7	24.0 26.0 25.6 25.2	50.0 40.0 40.0 43.3	20.0 5.0 10.0 11.7	2.00 2.00 2.00 2.00	10.0 10.0 10.0 10.0	0.0 0.0 0.0 0.0
14	60 DAP MILESTONE 1/100THX	2	LC	0.07	oz/a	C 114 208 313 Mean =		36.0 36.0 36.0 36.0	35.6 34.8 36.0 35.5	15.0 10.0 5.0 10.0	0.0 0.0 0.0 0.0	2.00 2.00 2.00 2.00	5.0 5.0 5.0 5.0	0.0 0.0 0.0 0.0

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)														
WEED-FREE - YEAR 2														
Trial ID:		PE-09-24		Study Dir.:		N. SHAY								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Crop Code							Arahy	ARAHY	Arahy	Arahy	Arahy	Arahy	Arahy	
Rating Data Type							Wdt5	WDTH-AVG	Stunt	Necrosis	Leaf curl	Epinasty	Stand loss	
Rating Unit							In	IN	%	%	1-4	%	%	
Rating Date							Jul-15-24	Jul-15-24	Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24	
Trt	Treatment	Form	Form	Rate		Appl								
No.	Name	Conc	Type	Rate	Unit	Code	Plot	45	46	47	48	49	50	51
15	60 DAP					C	115	36.0	36.0	0.0	0.0	1.00	0.0	0.0
	MILESTONE	2 LC		0.0	oz/a		214	36.0	35.2	0.0	0.0	1.00	0.0	0.0
	NO HERBICIDE						306	36.0	36.0	0.0	0.0	1.00	0.0	0.0
						Mean =		36.0	35.7	0.0	0.0	1.00	0.0	0.0

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)														
WEED-FREE - YEAR 2														
Trial ID:		PE-09-24		Study Dir.:		N. SHAY								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY	ARAHY		
Rating Data Type						Hgt1	Hgt2	Hgt3	Hgt4	Hgt5	HGT-AVG	YIELD-D		
Rating Unit						In	In	In	In	In	INCHES	LBS/PLOT		
Rating Date						Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24	Sep-23-24		
Trt	Treatment	Form	Form	Rate	Appl									
No.	Name	Conc	Type	Rate	Unit	Code	Plot	52	53	54	55	56	57	58
1	PRE MILESTONE 1X	2 LC		7.0 oz/a	A	101 215 311 Mean =		0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00
2	PRE MILESTONE 1/5THX	2 LC		1.4 oz/a	A	102 207 314 Mean =		0.0 8.0 9.0 5.7	0.0 5.0 7.0 4.0	0.0 10.0 10.0 6.7	0.0 9.0 12.0 7.0	0.0 5.0 10.0 5.0	0.0 7.4 9.6 5.7	0.0 2.00 5.60 2.53
3	PRE MILESTONE 1/10THX	2 LC		0.7 oz/a	A	103 202 312 Mean =		11.0 10.0 12.0 11.0	13.0 10.0 11.0 11.3	9.0 5.0 12.0 8.7	10.0 12.0 13.0 11.7	3.0 13.0 15.0 10.3	9.2 10.0 12.6 10.6	3.60 6.50 8.90 6.33
4	PRE MILESTONE 1/100THX	2 LC		0.07 oz/a	A	104 205 308 Mean =		14.0 16.0 15.0 15.0	16.0 17.0 15.0 16.0	15.0 15.0 16.0 15.3	14.0 17.0 17.0 16.0	14.0 18.0 16.0 16.0	14.6 16.6 15.8 15.7	14.80 14.20 11.50 13.50
5	PRE MILESTONE NO HERBICIDE	2 LC		0.0 oz/a	A	105 213 303 Mean =		16.0 15.0 17.0 16.0	14.0 16.0 13.0 14.3	16.0 16.0 17.0 16.3	15.0 15.0 15.0 15.0	15.0 16.0 16.0 15.7	15.2 15.6 15.6 15.5	13.90 13.80 14.30 14.00
6	30 DAP MILESTONE 1X	2 LC		7.0 oz/a	B	106 201 304 Mean =		0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00
7	30 DAP MILESTONE 1/5THX	2 LC		1.4 oz/a	B	107 209 302 Mean =		17.0 12.0 14.0 14.3	16.0 15.0 14.0 15.0	14.0 14.0 14.0 14.0	14.0 13.0 15.0 14.0	16.0 12.0 14.0 14.0	15.4 13.2 14.2 14.3	13.20 9.00 12.50 11.57
8	30 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a	B	108 212 305 Mean =		15.0 15.0 17.0 15.7	15.0 15.0 14.0 14.7	15.0 16.0 16.0 15.7	15.0 16.0 15.0 15.3	15.0 15.0 15.0 15.0	15.0 15.4 15.4 15.3	12.80 13.40 11.80 12.67
9	30 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a	B	109 211 309 Mean =		17.0 15.0 17.0 16.3	15.0 15.0 16.0 15.3	15.0 16.0 16.0 15.7	15.0 17.0 15.0 15.7	15.0 16.0 16.0 15.7	15.4 15.8 16.0 15.7	13.80 12.90 16.00 14.23
10	30 DAP MILESTONE NO HERBICIDE	2 LC		0.0 oz/a	B	110 203 315 Mean =		13.0 12.0 16.0 13.7	15.0 16.0 18.0 16.3	16.0 16.0 17.0 16.3	18.0 17.0 15.0 16.7	16.0 14.0 14.0 14.7	15.6 15.0 16.0 15.5	12.40 9.00 17.50 12.97
11	60 DAP MILESTONE 1X	2 LC		7.0 oz/a	C	111 206 310 Mean =		0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00
12	60 DAP MILESTONE 1/5THX	2 LC		1.4 oz/a	C	112 204 301 Mean =		4.0 5.0 7.0 5.3	4.0 6.0 5.0 5.0	8.0 7.0 6.0 7.0	4.0 4.0 6.0 4.7	5.0 7.0 4.0 5.3	5.0 5.8 5.6 5.5	0.00 1.40 0.90 0.77
13	60 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a	C	113 210 307 Mean =		5.0 8.0 7.0 6.7	10.0 11.0 8.0 9.7	4.0 6.0 9.0 6.3	9.0 9.0 4.0 7.3	7.0 6.0 9.0 7.3	7.0 8.0 7.4 7.5	4.70 5.00 3.60 4.43
14	60 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a	C	114 208 313 Mean =		12.0 14.0 14.0 13.3	14.0 12.0 13.0 13.0	12.0 14.0 15.0 13.7	13.0 15.0 16.0 14.7	15.0 13.0 16.0 14.7	13.2 13.6 14.8 13.9	11.60 10.50 15.20 12.43

PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)			
WEED-FREE - YEAR 2			
Trial ID:	PE-09-24	Study Dir.:	N. SHAY
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY	ARAHY
Rating Data Type						Hgt1	Hgt2	Hgt3	Hgt4	Hgt5	HGT-AVG	YIELD-D
Rating Unit						ln	ln	ln	ln	ln	INCHES	LBS/PLOT
Rating Date						Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24	Aug-7-24	Sep-23-24
Trt	Treatment	Form	Form	Rate	Appl							
No.	Name	Conc	Type	Rate	Unit	Code	Plot					
15	60 DAP					C	115	14.0	18.0	18.0	16.0	15.80
	MILESTONE	2 LC		0.0	oz/a		214	14.0	18.0	16.0	14.0	11.80
	NO HERBICIDE						306	16.0	16.0	18.0	17.0	13.10
						Mean =		14.7	17.3	17.3	15.7	13.57

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)									
WEED-FREE - YEAR 2									
Trial ID:		PE-09-24		Study Dir.:		N. SHAY			
Location:		PONDER FARM		Investigator:		Eric P. Prostko			
Crop Code Rating Data Type Rating Unit Rating Date						ARAHY YIELD-C LBS/PLOT Sep-23-24	ARAHY YIELD LBS/A Sep-23-24		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Appl Code	Plot	59	60	
1	PRE MILESTONE 1X	2 LC		7.0 oz/a	A	101 215 311 Mean =	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	
2	PRE MILESTONE 1/5THX	2 LC		1.4 oz/a	A	102 207 314 Mean =	0.0 2.0 5.5 2.5	0.0 551.5 1544.1 698.5	
3	PRE MILESTONE 1/10THX	2 LC		0.7 oz/a	A	103 202 312 Mean =	3.5 6.4 8.7 6.2	992.7 1792.3 2454.1 1746.3	
4	PRE MILESTONE 1/100THX	2 LC		0.07 oz/a	A	104 205 308 Mean =	14.5 13.9 11.3 13.2	4080.9 3915.5 3171.0 3722.5	
5	PRE MILESTONE NO HERBICIDE	2 LC		0.0 oz/a	A	105 213 303 Mean =	13.6 13.5 14.0 13.7	3832.8 3805.2 3943.1 3860.3	
6	30 DAP MILESTONE 1X	2 LC		7.0 oz/a	B	106 201 304 Mean =	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	
7	30 DAP MILESTONE 1/5THX	2 LC		1.4 oz/a	B	107 209 302 Mean =	12.9 8.8 12.3 11.3	3639.7 2481.6 3446.7 3189.4	
8	30 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a	B	108 212 305 Mean =	12.5 13.1 11.6 12.4	3529.4 3694.9 3253.7 3492.7	
9	30 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a	B	109 211 309 Mean =	13.5 12.6 15.7 13.9	3805.2 3557.0 4411.8 3924.7	
10	30 DAP MILESTONE NO HERBICIDE	2 LC		0.0 oz/a	B	110 203 315 Mean =	12.2 8.8 17.2 12.7	3419.2 2481.6 4825.4 3575.4	
11	60 DAP MILESTONE 1X	2 LC		7.0 oz/a	C	111 206 310 Mean =	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	
12	60 DAP MILESTONE 1/5THX	2 LC		1.4 oz/a	C	112 204 301 Mean =	0.0 1.4 0.9 0.8	0.0 386.0 248.2 211.4	
13	60 DAP MILESTONE 1/10THX	2 LC		0.7 oz/a	C	113 210 307 Mean =	4.6 4.9 3.5 4.3	1296.0 1378.7 992.7 1222.4	
14	60 DAP MILESTONE 1/100THX	2 LC		0.07 oz/a	C	114 208 313 Mean =	11.4 10.3 14.9 12.2	3198.6 2895.2 4191.2 3428.3	

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID)									
WEED-FREE - YEAR 2									
Trial ID:		PE-09-24		Study Dir.:		N. SHAY			
Location:		PONDER FARM		Investigator:		Eric P. Prostko			
Crop Code						ARAHY		ARAHY	
Rating Data Type						YIELD-C		YIELD	
Rating Unit						LBS/PLOT		LBS/A	
Rating Date						Sep-23-24		Sep-23-24	
Trt	Treatment	Form	Form	Rate	Appl				
No.	Name	Conc	Type	Rate	Unit	Code	Plot	59	60
15	60 DAP					C	115	15.5	4356.7
	MILESTONE	2	LC	0.0	oz/a		214	11.6	3253.7
	NO HERBICIDE						306	12.8	3612.2
						Mean =		13.3	3740.8

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PEANUT RESPONSE TO MILESTONE 3LC (AMINOPYRALID) WEED-FREE - YEAR 2			
Trial ID:	PE-09-24	Study Dir.:	N. SHAY
Location:	PONDER FARM	Investigator:	Eric P. Prostko
Rating Unit % = PERCENT IN = INCH 1-5 = 1-5 INDEX/SCALE 1-4 = 1-4 INDEX/SCALE ARM Action Codes T3 = ([C3]+[C4]+[C5]+[C6]+[C7])/5 T4 = ([C9]+[C10]+[C11]+[C12]+[C13])/5 T5 = ([C19]+[C20]+[C21]+[C22]+[C23])/5 T6 = ([C25]+[C26]+[C27]+[C28]+[C29])/5 T7 = ([C35]+[C36]+[C37]+[C38]+[C39])/5 T8 = ([C41]+[C42]+[C43]+[C44]+[C45])/5 T9 = ([52]+[53]+[54]+[55]+[56])/5 T1 = [C58]*0.98 TY2 = 281.36533333*[C59]			