

University of Georgia

PEANUT RESPONSE TO MULTIPLE SIMULATED DRIFT RATES
OF XTENDIMAX (1/50X)

 Trial ID: PE-02-18 Study Dir.: MARK BRAXTON
 Location: PONDER FARM Investigator: Eric P. Prostko

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

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
2	XTENDIMAX	2.9	SL	0.44	oz/a	31	DAP A	0.3437 mL/mx	102	206	302	401
5	XTENDIMAX	2.9	SL	0.44	oz/a	31+60	AB	0.3437 mL/mx	105	201	308	403
6	XTENDIMAX	2.9	SL	0.44	oz/a	31+90	AC	0.3437 mL/mx	106	209	305	404
8	XTENDIMAX	2.9	SL	0.44	oz/a	316090	ABC	0.3437 mL/mx	108	207	304	409

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

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Appl Code	Amt Product to Measure	Rep			
									1	2	3	4
3	XTENDIMAX	2.9	SL	0.44	oz/a	60	DAP B	0.3437 mL/mx	103	205	301	406
5	XTENDIMAX	2.9	SL	0.44	oz/a	31+60	AB	0.3437 mL/mx	105	201	308	403
7	XTENDIMAX	2.9	SL	0.44	oz/a	60+90	BC	0.3437 mL/mx	107	202	303	408
8	XTENDIMAX	2.9	SL	0.44	oz/a	316090	ABC	0.3437 mL/mx	108	207	304	409

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

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Appl Code	Amt Product to Measure	Rep			
									1	2	3	4
4	XTENDIMAX	2.9	SL	0.44	oz/a	90 DAP	C	0.3437 mL/mx	104	203	307	402
6	XTENDIMAX	2.9	SL	0.44	oz/a	31+90	AC	0.3437 mL/mx	106	209	305	404
7	XTENDIMAX	2.9	SL	0.44	oz/a	60+90	BC	0.3437 mL/mx	107	202	303	408
8	XTENDIMAX	2.9	SL	0.44	oz/a	316090	ABC	0.3437 mL/mx	108	207	304	409

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

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Appl Code	Amt Product to Measure	Rep			
									1	2	3	4
1	NTC								101	208	306	405
9	NTC								109	204	309	407

Sort Order: Application Code, Treatment

Trial Comments

MAINTAINED WEED FREE

PROWL 3.8 SC @ 32 OZ/A + STRONGARM 85WG @ 0.45 OZ/A (MAY 1, 2018)
 CADRE @ 4 OZ/A + DUAL MAGNUM @ 16 OZ/A (MAY 14, 2018)
 GRAMOXONE @ 12 OZ/A + BASAGRAN @ 8 OZ/A + NIS @ 0.25% V/V - (MAY 16, 2018)

DIGGING DATE: SEPTEMBER 17
 HARVEST DATE: SEPTEMBER 20
 HARVEST MOISTURE: 12.7%
 YIELDS ADJUSTED TO 10%.
 2% YIELD DEDUCTION FOR FM (ROCKS, STEMS, ETC.)

MISSING DATA IN PLOTS 104, 106, 107, 108, 301, 302, 403, 405 DUE TO MECHANICAL PROBLEMS AT PLANTING THAT RESULTED IN STAND ISSUES.

DICAMBA INJURY RATINGS: 1 = NONE; 2 = 25%; 3 = 50%; 4 = 75%; 5 = 100% (EPINASTY, LEAF STRAPPING, LEAF ROLL).

SUMMARY:

1) ALL TREATMENTS OF XTENDIMAX CAUSED SLIGHT PEANUT STUNTING AND DICAMBA INJURY SYMPTOMS. HOWEVER, ONLY TREATMENTS THAT INCLUDED 90 DAP APPLICATIONS HAD DICAMBA SYMPTOMS EVIDENT NEAR HARVEST.

2) NO TIMING OF XTENDIMAX RESULTED IN YIELDS THAT WERE SIGNIFICANTLY DIFFERENT THAN THE NTC PLOTS. HOWEVER, PLOTS TREATED WITH XTENDIMAX @ 31 + 60 OR 60 + 90 DAP HAD LOWER YIELDS THAN XTENDIMAX @ 90 DAP.

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PEANUT RESPONSE TO MULTIPLE SIMULATED DRIFT RATES
 OF XTENDIMAX (1/50X)
 Trial ID: PE-02-18 Study Dir.: MARK BRAXTON
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: MARK BRAXTON **Title:** _____
Affiliation: _____ **Postal Code:** _____

Investigator: Eric P. Prostko **Title:** _____
Affiliation: _____ **Postal Code:** _____

Trial Status: _____ **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____
Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective: _____
Conclusions: _____

CROP AND PEST DESCRIPTION

Weed 1. _____ **2.** _____

Crop 1: ARAHY PEANUT **Variety:** GA-06G **Planting Date:** Apr-30-18
Planting Method: MONSOEM TWIN ROW **Rate:** 3.1 **SEED/FT** **Depth:** 2 IN
Perennial Age: _____ **Row Spacing:** _____ **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** DRY TO OPT **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4
Site Type: _____ **Study Design:** RACOBL
Tillage Type: CONVENTIONAL
Trial Initiation Comments: DYNASTY PD SEED TRT; THIMET 20G INFR @ 7.5 LBS/A;
 400 LBS/A 5-15-30 PREPLANT; 36'-9" TWIN ROWS

Previous: Crops	Pesticides	Year
1. FIELD CORN	2017	_____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.78 **% Sand:** 94 **% Silt:** 4 **% Clay:** 2
pH: 6.0 **CEC:** 3.3 **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-2-18	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
2. May-8-18	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
3.	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____	_____
9.	_____	_____	_____	_____	_____	_____
10.	_____	_____	_____	_____	_____	_____

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

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	May-31-18	Jun-29-18	Jul-30-18	_____	_____	_____
Time of Day:	8:05 AM	8:00 AM	7:15 AM	_____	_____	_____
Application Method:	BROADCAST	BROADCAST	BROADCAST	_____	_____	_____
Application Timing:	31 DAP	60 DAP	90 DAP	_____	_____	_____
Applic. Placement:	FOLIAGE	FOLIAGE	FOLIAGE	_____	_____	_____
Air Temp., Unit:	74 F	73 F	73 F	_____	_____	_____
% Relative Humidity:	99	100	100	_____	_____	_____
Wind Velocity, Unit:	2 MPH	1 MPH	0 MPH	_____	_____	_____
Dew Presence (Y/N):	Y	Y	Y	_____	_____	_____
Water Hardness:	---	---	---	_____	_____	_____
Soil Temp., Unit:	76 F	78 F	78 F	_____	_____	_____
Soil Moisture:	WET	WET	WET	_____	_____	_____
% Cloud Cover:	100	65	10	_____	_____	_____

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CROP STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Crop 1	Stage: ARAHY		LAPPED				
	Stage Scale:	V6:3"T	R3-R4	R6			
	Height, Unit:	9	IN	17	IN		

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

APPLICATION EQUIPMENT							
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME AS A	B	SAME AS A			
Operating Pressure:	46						
Nozzle Type:	AIXR						
Nozzle Size:	11002						
Nozzle Spacing, Unit:	20	IN					
Nozzles/Row:							
Band Width, Unit:							
Boom Length, Unit:	60	IN					
Boom Height, Unit:	20	IN					
Ground Speed, Unit:	3.5	MPH					
Incorporation Equip.:							
Hours to Incorp.:							
Incorp. Depth, Unit:							
Carrier:	WATER						
Spray Volume, Unit:	15	GPA					
Spray pH:							
Propellant:	CO2						
Tank Mix (Y/N):		-	-	-	-	-	-

Trt No	Treatment Application Comment

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PEANUT RESPONSE TO MULTIPLE SIMULATED DRIFT RATES OF XTENDIMAX (1/50X)							
Trial ID: PE-02-18		Study Dir.: MARK BRAXTON					
Location: PONDER FARM		Investigator: Eric P. Prostko					
Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	PRM Data Type	
		ARAHY PLANT - STUNTING PERCENT	ARAHY PLANT - STUNTING PERCENT	ARAHY PLANT - STUNTING PERCENT	ARAHY PLANT - STUNTING PERCENT	ARAHY PLANT - STUNTING PERCENT	
		Jun-8-18	Jun-8-18	Jun-21-18	Jun-21-18	Jul-8-18	
		8 DA-A	8 DA-A	21 DA-A	21 DA-A	38 DA-A	
			- 1		- 1		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code
1	2	3	4	5	6		
1	NTC						
2	XTENDIMAX	2.9 SL		0.44 oz/a	31 DAP	A	
3	XTENDIMAX	2.9 SL		0.44 oz/a	60 DAP	B	
4	XTENDIMAX	2.9 SL		0.44 oz/a	90 DAP	C	
5	XTENDIMAX	2.9 SL		0.44 oz/a	31+60	AB	
6	XTENDIMAX	2.9 SL		0.44 oz/a	31+90	AC	
7	XTENDIMAX	2.9 SL		0.44 oz/a	60+90	BC	
8	XTENDIMAX	2.9 SL		0.44 oz/a	316090	ABC	
9	NTC						
Tukey's HSD P=.10		4.32	.	8.32	.	7.79	0.22
Standard Deviation		1.92	0.00	3.71	0.00	3.47	0.10
CV		47.24	0.0	200.12	0.0	98.61	5.71
Grand Mean		4.07	1.89	1.85	1.44	3.52	1.69
Levene's F			0.00	0.00	0.00	1.47	
Levene's Prob(F)			0.00*	0.00*	0.00*	0.232	
Replicate F		0.667	0.000	1.139	0.000	1.590	0.667
Replicate Prob(F)		0.5847	1.0000	0.3634	1.0000	0.2310	0.5847
Treatment F		26.333	0.000	1.708	0.000	5.410	286.333
Treatment Prob(F)		0.0001	1.0000	0.1723	1.0000	0.0020	0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
 Could not calculate Tukey's HSD (% mean diff) for columns 2,4 because error mean square = 0.

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Weed Code	-----		-----		-----		-----		-----				
Crop Code	ARAHY		ARAHY		ARAHY		ARAHY		ARAHY				
Part Rated	PLANT -		DICAMB -		PLANT -		DICAMB -		PLANT -				
Rating Data Type	STUNTING		SYMPTOMS		STUNTING		SYMPTOMS		STUNTING				
Rating Unit	PERCENT		1-5		PERCENT		1-5		PERCENT				
Rating Date	Jul-25-18		Jul-25-18		Aug-3-18		Aug-3-18		Aug-16-18				
Trt-Eval Interval	55 DA-A		55 DA-A		64 DA-A		64 DA-A		77 DA-A				
PRM Data Type													
# Subsamples, Dec.			- 1				- 1						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	7	8	9	10	11	12
1	NTC							0.0 a	1.0 c	0.0 c	1.0 c	0.0 b	1.0 c
2	XTENDIMAX	2.9 SL		0.44 oz/a	31 DAP	A		0.0 a	1.0 c	0.0 c	1.0 c	0.0 b	1.0 c
3	XTENDIMAX	2.9 SL		0.44 oz/a	60 DAP	B		6.7 a	2.5 a	10.0 a	1.3 abc	10.0 a	1.0 c
4	XTENDIMAX	2.9 SL		0.44 oz/a	90 DAP	C		0.0 a	1.0 c	0.0 c	1.5 ab	0.0 b	2.0 b
5	XTENDIMAX	2.9 SL		0.44 oz/a	31+60	AB		3.3 a	2.2 ab	5.0 b	1.2 bc	3.3 b	1.0 c
6	XTENDIMAX	2.9 SL		0.44 oz/a	31+90	AC		0.0 a	1.0 c	0.0 c	1.5 ab	0.0 b	2.0 b
7	XTENDIMAX	2.9 SL		0.44 oz/a	60+90	BC		3.3 a	2.2 ab	1.7 bc	1.7 a	3.3 b	2.2 ab
8	XTENDIMAX	2.9 SL		0.44 oz/a	316090	ABC		0.0 a	1.8 b	0.0 c	1.5 ab	0.0 b	2.3 a
9	NTC							0.0 a	1.0 c	0.0 c	1.0 c	0.0 b	1.0 c
Tukey's HSD P=.10								8.89	0.61	4.42	0.38	6.22	0.31
Standard Deviation								3.82	0.26	1.96	0.17	2.75	0.14
CV								258.0	17.43	105.64	12.9	148.59	9.07
Grand Mean								1.48	1.51	1.85	1.30	1.85	1.50
Levene's F								0.00	1.367	2.25	0.00	0.00	0.00
Levene's Prob(F)								0.00*	0.286	0.073	0.00*	0.00*	0.00*
Replicate F								0.563	0.617	0.806	0.956	0.870	1.000
Replicate Prob(F)								0.6494	0.6171	0.5097	0.4389	0.4785	0.4199
Treatment F								1.606	23.130	12.661	9.706	6.033	78.000
Treatment Prob(F)								0.2216	0.0001	0.0001	0.0001	0.0014	0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
 Could not calculate Tukey's HSD (% mean diff) for columns 2,4 because error mean square = 0.

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							-----	-----	-----	
Weed Code							ARAHY	ARAHY	ARAHY	
Crop Code							PLOT -	PLOT -	PLOT -	
Part Rated							YIELD	YIELD	YIELD	
Rating Data Type							LBS/PLOT	LBS/PLOT	LBS/A	
Rating Unit							Sep-20-18	Sep-20-18	Sep-20-18	
Rating Date							112 DA-A	112 DA-A	112 DA-A	
Trt-Eval Interval							T1	T1	TY2	
PRM Data Type							- 2	- 2	- 0	
# Subsamples, Dec.										
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code			
								13	14	15
1	NTC							23.93 ab	23.45 ab	6607 ab
2	XTENDIMAX	2.9	SL	0.44	oz/a	31 DAP	A	23.65 ab	23.18 ab	6529 ab
3	XTENDIMAX	2.9	SL	0.44	oz/a	60 DAP	B	22.67 ab	22.21 ab	6257 ab
4	XTENDIMAX	2.9	SL	0.44	oz/a	90 DAP	C	25.77 a	25.25 a	7113 a
5	XTENDIMAX	2.9	SL	0.44	oz/a	31+60	AB	21.90 b	21.46 b	6046 b
6	XTENDIMAX	2.9	SL	0.44	oz/a	31+90	AC	24.38 ab	23.90 ab	6731 ab
7	XTENDIMAX	2.9	SL	0.44	oz/a	60+90	BC	21.70 b	21.27 b	5990 b
8	XTENDIMAX	2.9	SL	0.44	oz/a	316090	ABC	22.85 ab	22.39 ab	6308 ab
9	NTC							24.06 ab	23.58 ab	6643 ab
Tukey's HSD P=.10								3.167	3.103	874.2
Standard Deviation								1.410	1.382	389.2
CV								6.02	6.02	6.02
Grand Mean								23.435	22.966	6469.3
Levene's F								0.168	0.168	0.168
Levene's Prob(F)								0.993	0.993	0.993
Replicate F								3.737	3.737	3.737
Replicate Prob(F)								0.0329	0.0329	0.0329
Treatment F								3.351	3.351	3.351
Treatment Prob(F)								0.0189	0.0189	0.0189

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
 Could not calculate Tukey's HSD (% mean diff) for columns 2,4 because error mean square = 0.

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PEANUT RESPONSE TO MULTIPLE SIMULATED DRIFT RATES
OF XTENDIMAX (1/50X)

Trial ID: PE-02-18 Study Dir.: MARK BRAXTON
Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

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

PRM Data Type

T1 = [C17]*0.98

TY2 = 281.688*[C18]

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PEANUT RESPONSE TO MULTIPLE SIMULATED DRIFT RATES OF XTENDIMAX (1/50X)														
Trial ID: PE-02-18		Study Dir.: MARK BRAXTON												
Location: PONDER FARM		Investigator: Eric P. Prostko												
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	PRM Data Type	# Subsamples, Dec.	----- ARAHY PLANT - STUNTING PERCENT Jun-8-18 8 DA-A	----- ARAHY DICAMB - SYMPTOMS 1-5 Jun-8-18 8 DA-A	----- ARAHY PLANT - STUNTING PERCENT Jun-21-18 21 DA-A	----- ARAHY DICAMB - SYMPTOMS 1-5 Jun-21-18 21 DA-A	----- ARAHY PLANT - STUNTING PERCENT Jul-8-18 38 DA-A	----- ARAHY DICAMB - SYMPTOMS 1-5 Jul-8-18 38 DA-A
									- 1	- 1	- 1	- 1	- 1	
Trt No.	Treatment Name	Form	Form	Rate	Grow	Appl			1	2	3	4	5	6
		Conc	Type	Rate	Unit	Stg	Code	Plot						
1	NTC								101	0.0	1.0	0.0	1.0	0.0
									208	0.0	1.0	0.0	1.0	0.0
									306	0.0	1.0	0.0	1.0	0.0
									405	.	.	.	.	.
									Mean =	0.0	1.0	0.0	1.0	0.0
2	XTENDIMAX	2.9	SL	0.44	oz/a	31 DAP	A		102	10.0	3.0	10.0	2.0	0.0
									206	10.0	3.0	0.0	2.0	0.0
									302	.	.	.	.	.
									401	10.0	3.0	0.0	2.0	0.0
									Mean =	10.0	3.0	3.3	2.0	0.0
3	XTENDIMAX	2.9	SL	0.44	oz/a	60 DAP	B		103	0.0	1.0	0.0	1.0	5.0
									205	0.0	1.0	0.0	1.0	5.0
									301	.	.	.	.	.
									406	0.0	1.0	0.0	1.0	10.0
									Mean =	0.0	1.0	0.0	1.0	6.7
4	XTENDIMAX	2.9	SL	0.44	oz/a	90 DAP	C		104	.	.	.	.	.
									203	0.0	1.0	0.0	1.0	0.0
									307	0.0	1.0	0.0	1.0	0.0
									402	0.0	1.0	0.0	1.0	0.0
									Mean =	0.0	1.0	0.0	1.0	0.0
5	XTENDIMAX	2.9	SL	0.44	oz/a	31+60	AB		105	10.0	3.0	0.0	2.0	5.0
									201	10.0	3.0	10.0	2.0	5.0
									308	10.0	3.0	10.0	2.0	5.0
									403	.	.	.	.	.
									Mean =	10.0	3.0	6.7	2.0	5.0
6	XTENDIMAX	2.9	SL	0.44	oz/a	31+90	AC		106	.	.	.	.	.
									209	10.0	3.0	0.0	2.0	0.0
									305	10.0	3.0	10.0	2.0	10.0
									404	10.0	3.0	0.0	2.0	0.0
									Mean =	10.0	3.0	3.3	2.0	3.3
7	XTENDIMAX	2.9	SL	0.44	oz/a	60+90	BC		107	.	.	.	.	.
									202	0.0	1.0	0.0	1.0	0.0
									303	0.0	1.0	0.0	1.0	5.0
									408	0.0	1.0	0.0	1.0	10.0
									Mean =	0.0	1.0	0.0	1.0	5.0
8	XTENDIMAX	2.9	SL	0.44	oz/a	316090	ABC		108	.	.	.	.	.
									207	0.0	3.0	0.0	2.0	5.0
									304	10.0	3.0	10.0	2.0	20.0
									409	10.0	3.0	0.0	2.0	10.0
									Mean =	6.7	3.0	3.3	2.0	11.7
9	NTC								109	0.0	1.0	0.0	1.0	0.0
									204	0.0	1.0	0.0	1.0	0.0
									309	0.0	1.0	0.0	1.0	0.0
									407	0.0	1.0	0.0	1.0	0.0
									Mean =	0.0	1.0	0.0	1.0	0.0

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Weed Code							-----	-----	-----	-----	-----	-----		
Crop Code							ARAHY	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY		
Part Rated							PLANT -	DICAMB -	PLANT -	DICAMB -	PLANT -	DICAMB -		
Rating Data Type							STUNTING	SYMPTOMS	STUNTING	SYMPTOMS	STUNTING	SYMPTOMS		
Rating Unit							PERCENT	1-5	PERCENT	1-5	PERCENT	1-5		
Rating Date							Jul-25-18	Jul-25-18	Aug-3-18	Aug-3-18	Aug-16-18	Aug-16-18		
Trt-Eval Interval							55 DA-A	55 DA-A	64 DA-A	64 DA-A	77 DA-A	77 DA-A		
PRM Data Type														
# Subsamples, Dec.								- 1		- 1		- 1		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	Plot	7	8	9	10	11	12
1	NTC						101		0.0	1.0	0.0	1.0	0.0	1.0
							208		0.0	1.0	0.0	1.0	0.0	1.0
							306		.	.	.	.	.	.
							405		.	.	.	.	.	.
							Mean =		0.0	1.0	0.0	1.0	0.0	1.0
2	XTENDIMAX	2.9 SL	0.44 oz/a	31 DAP	A		102		0.0	1.0	0.0	1.0	0.0	1.0
							206		0.0	1.0	0.0	1.0	0.0	1.0
							302		.	.	.	.	.	.
							401		0.0	1.0	0.0	1.0	0.0	1.0
							Mean =		0.0	1.0	0.0	1.0	0.0	1.0
3	XTENDIMAX	2.9 SL	0.44 oz/a	60 DAP	B		103		0.0	3.0	10.0	1.5	10.0	1.0
							205		10.0	2.5	10.0	1.5	10.0	1.0
							301		.	.	.	.	.	.
							406		10.0	2.0	10.0	1.0	10.0	1.0
							Mean =		6.7	2.5	10.0	1.3	10.0	1.0
4	XTENDIMAX	2.9 SL	0.44 oz/a	90 DAP	C		104		.	.	0.0	1.5	0.0	2.0
							203		.	.	0.0	1.5	0.0	2.0
							307		0.0	1.0	0.0	1.5	0.0	2.0
							402		0.0	1.0	0.0	1.5	0.0	2.0
							Mean =		0.0	1.0	0.0	1.5	0.0	2.0
5	XTENDIMAX	2.9 SL	0.44 oz/a	31+60	AB		105		0.0	2.5	10.0	1.5	10.0	1.0
							201		0.0	2.0	5.0	1.0	0.0	1.0
							308		10.0	2.0	0.0	1.0	0.0	1.0
							403		.	.	.	.	.	.
							Mean =		3.3	2.2	5.0	1.2	3.3	1.0
6	XTENDIMAX	2.9 SL	0.44 oz/a	31+90	AC		106		.	.	0.0	1.5	0.0	2.0
							209		.	.	0.0	1.5	0.0	2.0
							305		0.0	1.0	0.0	1.5	0.0	2.0
							404		0.0	1.0	0.0	1.5	0.0	2.0
							Mean =		0.0	1.0	0.0	1.5	0.0	2.0
7	XTENDIMAX	2.9 SL	0.44 oz/a	60+90	BC		107		.	.	0.0	2.0	0.0	2.0
							202		0.0	2.0	5.0	1.5	10.0	2.5
							303		0.0	2.5	0.0	1.5	0.0	2.0
							408		10.0	2.0	0.0	1.5	10.0	2.5
							Mean =		3.3	2.2	1.7	1.7	3.3	2.2
8	XTENDIMAX	2.9 SL	0.44 oz/a	316090	ABC		108		0.0	2.0	0.0	1.5	0.0	2.0
							207		0.0	1.5	0.0	1.5	0.0	2.5
							304		0.0	1.5	0.0	1.5	0.0	2.5
							409		.	.	.	.	.	.
							Mean =		0.0	1.8	0.0	1.5	0.0	2.3
9	NTC						109		0.0	1.0	0.0	1.0	0.0	1.0
							204		0.0	1.0	0.0	1.0	0.0	1.0
							309		0.0	1.0	0.0	1.0	0.0	1.0
							407		0.0	1.0	0.0	1.0	0.0	1.0
							Mean =		0.0	1.0	0.0	1.0	0.0	1.0

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Weed Code						-----	-----	-----
Crop Code						ARAHY	ARAHY	ARAHY
Part Rated						PLOT -	PLOT -	PLOT -
Rating Data Type						YIELD	YIELD	YIELD
Rating Unit						LBS/PLOT	LBS/PLOT	LBS/A
Rating Date						Sep-20-18	Sep-20-18	Sep-20-18
Trt-Eval Interval						112 DA-A	112 DA-A	112 DA-A
PRM Data Type						T1	TY2	
# Subsamples, Dec.						- 2	- 2	- 0
Trt	Treatment	Form	Form	Rate	Grow	Appl		
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot
1	NTC						101	22.70
							208	23.60
							306	25.50
							405	.
							Mean =	23.93
2	XTENDIMAX	2.9	SL	0.44	oz/a	31 DAP	A	102
							206	26.25
							302	.
							401	23.10
							Mean =	23.65
3	XTENDIMAX	2.9	SL	0.44	oz/a	60 DAP	B	103
							205	24.20
							301	.
							406	22.20
							Mean =	22.67
4	XTENDIMAX	2.9	SL	0.44	oz/a	90 DAP	C	104
							203	27.30
							307	25.30
							402	24.70
							Mean =	25.77
5	XTENDIMAX	2.9	SL	0.44	oz/a	31+60	AB	105
							201	23.60
							308	20.20
							403	.
							Mean =	21.90
6	XTENDIMAX	2.9	SL	0.44	oz/a	31+90	AC	106
							209	24.50
							305	22.50
							404	26.15
							Mean =	24.38
7	XTENDIMAX	2.9	SL	0.44	oz/a	60+90	BC	107
							202	22.45
							303	22.60
							408	20.05
							Mean =	21.70
8	XTENDIMAX	2.9	SL	0.44	oz/a	316090	ABC	108
							207	25.10
							304	22.70
							409	20.75
							Mean =	22.85
9	NTC						109	23.30
							204	25.95
							309	24.00
							407	23.00
							Mean =	24.06

University of Georgia

PEANUT RESPONSE TO MULTIPLE SIMULATED DRIFT RATES
OF XTENDIMAX (1/50X)

Trial ID: PE-02-18 Study Dir.: MARK BRAXTON
Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

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

PRM Data Type

T1 = [C17]*0.98

TY2 = 281.688*[C18]