

Trial Comments

MAINTAINED WEED FREE

PROWL 3.8SC @ 32 OZ/A + STRONGARM 85WG @ 0.45 OZ/A - PRE (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)

MISSING DATA IN PLOTS 107, 203, 209, 301, 302, 306, 403, 409 DUE TO STAND PROBLEMS CAUSED BY MECHANICAL ISSUES AT PLANTING.

DIGGING DATE: SEPT 17
HARVEST DATE: SEPT 20
HARVEST MOISTURE: 12.6%
YIELDS ADJUSTED TO 10%
2% DEDUCTED FROM PLOT YIELD FOR FM (STEMS, ROCKS, ETC.)

DICAMBA PLANT SYMPTOMOLOGY: 1-5 SCALE 1 = NONE; 2 = 25% OF PLANTS; 3 = 50% OF PLANTS; 4 = 75% OF PLANTS; 5 = 100% (STEM EPINASTY, LEAF STRAPPING AND LEAF CURL)

SUMMARY:

- 1) At 1/50thX rates, typical dicamba injury symptoms were observable. Foliar glyphosate symptoms were not observed.
- 2) Peanut stunting was $\leq 10\%$.
- 3) Dicamba symptomology was less obvious as the season progressed. At 108 DAP, only peanuts that received 90 DAP applications were exhibiting dicamba injury symptoms.
- 4) Peanut yields not significantly reduced by any timing of dicamba + glyphosate.
- 5) However, peanut grade was reduced (2.6-3.0%) with dicamba + glyphosate applied at 60 and 60 + 90 DAP.
- 6) Additional data is being collected for seed germination, seed size, pod abnormalities, and chemical residues (hull + nut) associated with potential dicamba + glyphosate exposure.

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PEANUT RESPONSE TO MULTIPLE SIMULATED DRIFT RATES
 OF XTENDIMAX + ROUNDUP P-MAX
 Trial ID: PE-03B-18 Study Dir.: MARK BRAXTON
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

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

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

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

Objective: _____
Conclusions: _____

CROP AND PEST DESCRIPTION

Weed 1. _____ **2.** _____

Crop 1: ARAHY PEANUT **Variety:** GA-06G **Planting Date:** Apr-30-18
Planting Method: MONOSEM 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: THIMET 20G INFR @ 7.5 LBS/A; DYNASTY PD SEED TRT;
 400 LBS/A 5-15-30 PREPLANT; 36"9" TWIN ROWS

Previous: Crops **Pesticides** **Year**
 1. CORN 2017 _____

MAINTENANCE

Field Prep./Maintenance: _____

No.	Date	Treatment Name	Form	Conc	Unit	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.	May-14-18	0.02	IN	RAINFALL	_____	_____
4.	May-15-18	0.35	IN	RAINFALL	_____	_____
5.	May-16-18	0.69	IN	RAINFALL	_____	_____
6.	May-17-18	0.26	IN	RAINFALL	_____	_____
7.	May-20-18	0.01	IN	RAINFALL	_____	_____
8.	May-21-18	0.07	IN	RAINFALL	_____	_____
9.	May-22-18	0.22	IN	RAINFALL	_____	_____
10.	May-23-18	0.91	IN	RAINFALL	_____	_____
11.	May-24-18	0.01	IN	RAINFALL	_____	_____
12.	May-26-18	0.23	IN	RAINFALL	_____	_____
13.	May-27-18	0.34	IN	RAINFALL	_____	_____
14.	May-28-18	0.32	IN	RAINFALL	_____	_____
15.	May-29-18	1.69	IN	RAINFALL	_____	_____
16.	May-30-18	0.07	IN	RAINFALL	_____	_____

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

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APPLICATION DESCRIPTION						
	A	B	C	D	E	F
Application Date:	May-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:	73 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	_____	_____	_____

CROP STAGE AT EACH APPLICATION						
	A	B	C	D	E	F
Crop 1 Stage: ARAHY	_____	_____	_____	_____	_____	_____
Stage Scale:	V6:5" TAL	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	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 + ROUNDUP P-MAX							
Trial ID: PE-03B-18		Study Dir.: MARK BRAXTON					
Location: PONDER FARM		Investigator: Eric P. Prostko					
Weed Code	-----	-----	-----	-----	-----	-----	
Crop Code	ARAHY	DICAMBA	ARAHY	DICAMBA	ARAHY	DICAMBA	
Part Rated	PLANT -	PLANT -	PLANT -	PLANT -	PLANT -	PLANT -	
Rating Data Type	STUNTING	SYMPTOMS	STUNTING	SYMPTOMS	STUNTING	SYMPTOMS	
Rating Unit	PERCENT	1-5	PERCENT	1-5	PERCENT	1-5	
Rating Date	Jun-8-18	Jun-8-18	Jun-21-18	Jun-21-18	Jul-8-18	Jul-8-18	
Trt-Eval Interval							
PRM Data Type							
# Subsamples, Dec.		- 1		- 1		- 1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code
1	XTENDIMAX	2.9	SL	0.44	oz/a	31	DAP A
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31	DAP A
2	XTENDIMAX	2.9	SL	0.44	oz/a	60	DAP B
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	60	DAP B
3	XTENDIMAX	2.9	SL	0.44	oz/a	90	DAP C
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	90	DAP C
4	XTENDIMAX	2.9	SL	0.44	oz/a	31+60	AB
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31+60	AB
5	XTENDIMAX	2.9	SL	0.44	oz/a	31+90	AC
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31+90	AC
6	XTENDIMAX	2.9	SL	0.44	oz/a	60+90	BC
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	60+90	BC
7	XTENDIMAX	2.9	SL	0.44	oz/a	316090	ABC
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	316090	ABC
8	NTC						
Tukey's HSD P=.10							
Standard Deviation	0.00	0.00	4.52	1.35	7.68	0.76	
CV	0.0	0.0	2.04	0.61	3.47	0.34	
Grand Mean	5.00	2.00	44.54	32.66	104.15	18.53	
Levene's F	0.00	0.00	4.58	1.88	3.33	1.85	
Levene's Prob(F)	0.00*	0.00*			0.583	0.883	
					0.761	0.54	
Replicate F	0.000	0.000	0.667	0.667	0.403	0.510	
Replicate Prob(F)	1.0000	1.0000	0.5863	0.5863	0.7529	0.6819	
Treatment F	0.000	0.000	24.190	10.476	2.370	21.630	
Treatment Prob(F)	1.0000	1.0000	0.0001	0.0001	0.0802	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
 Could not calculate Tukey's HSD (% mean diff) for columns 1,2 because error mean square = 0.

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Weed Code							-----	-----	-----	-----	-----	-----	
Crop Code							ARAHY	DICAMBA	ARAHY	DICAMBA	ARAHY	ARAHY	
Part Rated							PLANT -	PLANT -	PLANT -	PLANT -	PLOT -	PLOT -	
Rating Data Type							STUNTING	SYMPTOMS	STUNTING	SYMPTOMS	YIELD	YIELD	
Rating Unit							PERCENT	1-5	PERCENT	1-5	LBS/PLOT	LBS/PLOT	
Rating Date							Aug-3-18	Aug-3-18	Aug-16-18	Aug-16-18	Sep-20-18	Sep-20-18	
Trt-Eval Interval													
PRM Data Type												T1	
# Subsamples, Dec.								- 1		- 1	- 2	- 2	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	7	8	9	10	11	12
1	XTENDIMAX	2.9	SL	0.44 oz/a	31	DAP A	A	0.0 a	1.0 c	0.0 a	1.0 c	23.77 a	23.29 a
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	31	DAP A	A						
2	XTENDIMAX	2.9	SL	0.44 oz/a	60	DAP B	B	3.3 a	1.2 bc	5.0 a	1.0 c	22.47 a	22.02 a
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	60	DAP B	B						
3	XTENDIMAX	2.9	SL	0.44 oz/a	90	DAP C	C	0.0 a	1.7 ab	0.0 a	1.5 b	24.28 a	23.80 a
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	90	DAP C	C						
4	XTENDIMAX	2.9	SL	0.44 oz/a	31+60	AB	AB	0.0 a	1.2 bc	1.7 a	1.0 c	21.87 a	21.43 a
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	31+60	AB	AB						
5	XTENDIMAX	2.9	SL	0.44 oz/a	31+90	AC	AC	0.0 a	1.7 ab	0.0 a	2.0 a	22.40 a	21.95 a
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	31+90	AC	AC						
6	XTENDIMAX	2.9	SL	0.44 oz/a	60+90	BC	BC	0.0 a	1.8 a	0.0 a	2.2 a	22.33 a	21.89 a
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	60+90	BC	BC						
7	XTENDIMAX	2.9	SL	0.44 oz/a	316090	ABC	ABC	1.7 a	1.8 a	3.3 a	2.0 a	22.60 a	22.15 a
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	316090	ABC	ABC						
8	NTC							0.0 a	1.0 c	0.0 a	1.0 c	23.83 a	23.35 a
Tukey's HSD P=.10							5.24	0.56	6.66	0.23	2.438	2.389	
Standard Deviation							2.37	0.25	3.01	0.10	1.102	1.080	
CV							378.8	17.79	241.03	7.0	4.8	4.8	
Grand Mean							0.63	1.42	1.25	1.46	22.943	22.484	
Levene's F							0.952	0.00	1.214		0.068	0.068	
Levene's Prob(F)							0.494	0.00*	0.348		0.999	0.999	
Replicate F							0.289	0.583	0.230	0.667	0.606	0.606	
Replicate Prob(F)							0.8325	0.6357	0.8743	0.5863	0.6219	0.6219	
Treatment F							1.097	8.500	1.661	105.905	2.551	2.551	
Treatment Prob(F)							0.4157	0.0004	0.1983	0.0001	0.0644	0.0644	

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
 Could not calculate Tukey's HSD (% mean diff) for columns 1,2 because error mean square = 0.

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Weed Code						----	----	
Crop Code						ARAHY	ARAHY	
Part Rated						PLOT -	PLOT -	
Rating Data Type						YIELD	GRADE	
Rating Unit						LBS/A	SMK	
Rating Date						Sep-20-18	Sep-20-18	
Trt-Eval Interval						112 DA-A	112 DA-A	
PRM Data Type						TY2		
# Subsamples, Dec.						- 0	- 1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	
1	XTENDIMAX	2.9	SL	0.44 oz/a	31 DAP	A	6568 a	
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	31 DAP	A	76.0 a	
2	XTENDIMAX	2.9	SL	0.44 oz/a	60 DAP	B	6209 a	
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	60 DAP	B	72.3 c	
3	XTENDIMAX	2.9	SL	0.44 oz/a	90 DAP	C	6711 a	
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	90 DAP	C	74.7 abc	
4	XTENDIMAX	2.9	SL	0.44 oz/a	31+60	AB	6043 a	
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	31+60	AB	73.3 bc	
5	XTENDIMAX	2.9	SL	0.44 oz/a	31+90	AC	6191 a	
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	31+90	AC	74.3 abc	
6	XTENDIMAX	2.9	SL	0.44 oz/a	60+90	BC	6172 a	
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	60+90	BC	72.7 c	
7	XTENDIMAX	2.9	SL	0.44 oz/a	316090	ABC	6246 a	
	ROUNDUP P-MAX	5.5	SL	0.64 oz/a	316090	ABC	74.0 abc	
8	NTC						6585 a	
							75.3 ab	
Tukey's HSD P=.10							673.8	2.35
Standard Deviation							304.6	1.06
CV							4.8	1.43
Grand Mean							6340.7	74.07
Levene's F							0.068	0.50
Levene's Prob(F)							0.999	0.822
Replicate F							0.606	0.085
Replicate Prob(F)							0.6219	0.9670
Treatment F							2.551	5.610
Treatment Prob(F)							0.0644	0.0031

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
 Could not calculate Tukey's HSD (% mean diff) for columns 1,2 because error mean square = 0.

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PEANUT RESPONSE TO MULTIPLE SIMULATED DRIFT RATES OF XTENDIMAX + ROUNDUP P-MAX			
Trial ID:	PE-03B-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 = [C11] ^{0.98}
TY2 = 282.0107*[C12]

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PEANUT RESPONSE TO MULTIPLE SIMULATED DRIFT RATES
 OF XTENDIMAX + ROUNDUP P-MAX
 Trial ID: PE-03B-18 Study Dir.: MARK BRAXTON
 Location: PONDER FARM Investigator: Eric P. Prostko

							----- ARAHY PLANT - STUNTING PERCENT Jun-8-18	----- DICAMBA PLANT - SYMPTOMS 1-5 Jun-8-18	----- ARAHY PLANT - STUNTING PERCENT Jun-21-18	----- DICAMBA PLANT - SYMPTOMS 1-5 Jun-21-18	----- ARAHY PLANT - STUNTING PERCENT Jul-8-18			
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval								
PRM Data Type	# Subsamples, Dec.													
Trt No.	Treatment	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	1	2	3	4	5	
1	XTENDIMAX	2.9	SL	0.44	oz/a	31	DAP	A	102	10.0	3.0	10.0	2.5	5.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31	DAP	A	206	10.0	3.0	10.0	2.5	0.0
									302	.	.	.	.	.
									401	10.0	3.0	10.0	2.5	0.0
									Mean =	10.0	3.0	10.0	2.5	1.7
2	XTENDIMAX	2.9	SL	0.44	oz/a	60	DAP	B	103	0.0	1.0	0.0	1.0	10.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	60	DAP	B	205	0.0	1.0	0.0	1.0	5.0
									301	.	.	.	.	.
									406	0.0	1.0	0.0	1.0	0.0
									Mean =	0.0	1.0	0.0	1.0	5.0
3	XTENDIMAX	2.9	SL	0.44	oz/a	90	DAP	C	104	0.0	1.0	0.0	1.0	0.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	90	DAP	C	203	.	.	.	.	.
									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
4	XTENDIMAX	2.9	SL	0.44	oz/a	31+60	AB	AB	105	10.0	3.0	10.0	2.5	5.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31+60	AB	AB	201	10.0	3.0	10.0	2.5	10.0
									308	10.0	3.0	10.0	2.5	5.0
									403	.	.	.	.	.
									Mean =	10.0	3.0	10.0	2.5	6.7
5	XTENDIMAX	2.9	SL	0.44	oz/a	31+90	AC	AC	106	10.0	3.0	10.0	5.5	0.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31+90	AC	AC	209	.	.	.	.	.
									305	10.0	3.0	10.0	2.5	5.0
									404	10.0	3.0	10.0	2.5	5.0
									Mean =	10.0	3.0	10.0	3.5	3.3
6	XTENDIMAX	2.9	SL	0.44	oz/a	60+90	BC	BC	107	.	.	.	.	.
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	60+90	BC	BC	202	0.0	1.0	0.0	1.0	10.0
									303	0.0	1.0	0.0	1.0	0.0
									408	0.0	1.0	0.0	1.0	0.0
									Mean =	0.0	1.0	0.0	1.0	3.3
7	XTENDIMAX	2.9	SL	0.44	oz/a	316090	ABC	ABC	108	10.0	3.0	0.0	2.5	5.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	316090	ABC	ABC	207	10.0	3.0	10.0	2.5	5.0
									304	10.0	3.0	10.0	2.5	10.0
									409	.	.	.	.	.
									Mean =	10.0	3.0	6.7	2.5	6.7
8	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

University of Georgia

Weed Code							-----	-----	-----	-----	-----		
Crop Code							DICAMBA	ARAHY	DICAMBA	ARAHY	DICAMBA		
Part Rated							PLANT -	PLANT -	PLANT -	PLANT -	PLANT -		
Rating Data Type							SYMPTOMS	STUNTING	SYMPTOMS	STUNTING	SYMPTOMS		
Rating Unit							1-5	PERCENT	1-5	PERCENT	1-5		
Rating Date							Jul-8-18	Aug-3-18	Aug-3-18	Aug-16-18	Aug-16-18		
Trt-Eval Interval													
PRM Data Type													
# Subsamples, Dec.							- 1		- 1		- 1		
Trt No.	Treatment	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	6	7	8	9	10
1	XTENDIMAX	2.9	SL	0.44	oz/a	31 DAP A	102		1.0	0.0	1.0	0.0	1.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31 DAP A	206		1.0	0.0	1.0	0.0	1.0
							302		.	.	.	.	.
							401		1.0	0.0	1.0	0.0	1.0
							Mean =		1.0	0.0	1.0	0.0	1.0
2	XTENDIMAX	2.9	SL	0.44	oz/a	60 DAP B	103		2.5	10.0	1.0	10.0	1.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	60 DAP B	205		2.5	0.0	1.0	5.0	1.0
							301		.	.	.	.	.
							406		2.5	0.0	1.5	0.0	1.0
							Mean =		2.5	3.3	1.2	5.0	1.0
3	XTENDIMAX	2.9	SL	0.44	oz/a	90 DAP C	104		1.0	0.0	1.5	0.0	1.5
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	90 DAP C	203		.	.	.	.	.
							307		1.0	0.0	2.0	0.0	1.5
							402		1.0	0.0	1.5	0.0	1.5
							Mean =		1.0	0.0	1.7	0.0	1.5
4	XTENDIMAX	2.9	SL	0.44	oz/a	31+60 AB	105		3.0	0.0	1.5	0.0	1.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31+60 AB	201		2.5	0.0	1.0	0.0	1.0
							308		2.5	0.0	1.0	5.0	1.0
							403		.	.	.	.	.
							Mean =		2.7	0.0	1.2	1.7	1.0
5	XTENDIMAX	2.9	SL	0.44	oz/a	31+90 AC	106		1.0	0.0	1.5	0.0	2.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31+90 AC	209		.	.	.	.	.
							305		1.0	0.0	1.5	0.0	2.0
							404		2.5	0.0	2.0	0.0	2.0
							Mean =		1.5	0.0	1.7	0.0	2.0
6	XTENDIMAX	2.9	SL	0.44	oz/a	60+90 BC	107		.	.	.	.	.
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	60+90 BC	202		3.0	0.0	2.0	0.0	2.5
							303		2.5	0.0	1.5	0.0	2.0
							408		2.5	0.0	2.0	0.0	2.0
							Mean =		2.7	0.0	1.8	0.0	2.2
7	XTENDIMAX	2.9	SL	0.44	oz/a	316090 ABC	108		2.5	0.0	2.0	0.0	2.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	316090 ABC	207		2.5	5.0	2.0	10.0	2.0
							304		2.5	0.0	1.5	0.0	2.0
							409		.	.	.	.	.
							Mean =		2.5	1.7	1.8	3.3	2.0
8	NTC						109		1.0	0.0	1.0	0.0	1.0
							204		1.0	0.0	1.0	0.0	1.0
							309		1.0	0.0	1.0	0.0	1.0
							407		1.0	0.0	1.0	0.0	1.0
							Mean =		1.0	0.0	1.0	0.0	1.0

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Weed Code							----	----	----	----		
Crop Code							ARAHY	ARAHY	ARAHY	ARAHY		
Part Rated							PLOT -	PLOT -	PLOT -	PLOT -		
Rating Data Type							YIELD	YIELD	YIELD	GRADE		
Rating Unit							LBS/PLOT	LBS/PLOT	LBS/A	SMK		
Rating Date							Sep-20-18	Sep-20-18	Sep-20-18	Sep-20-18		
Trt-Eval Interval									112 DA-A	112 DA-A		
PRM Data Type								T1	TY2			
# Subsamples, Dec.							- 2	- 2	- 0	- 1		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	Plot	11	12	13	14
1	XTENDIMAX	2.9	SL	0.44	oz/a	31 DAP A	102		22.65	22.20	6260	76.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31 DAP A	206		24.65	24.16	6813	76.0
							302		.	.	.	.
							401		24.00	23.52	6633	76.0
							Mean =		23.77	23.29	6568	76.0
2	XTENDIMAX	2.9	SL	0.44	oz/a	60 DAP B	103		21.50	21.07	5942	73.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	60 DAP B	205		23.20	22.74	6412	72.0
							301		.	.	.	.
							406		22.70	22.25	6274	72.0
							Mean =		22.47	22.02	6209	72.3
3	XTENDIMAX	2.9	SL	0.44	oz/a	90 DAP C	104		23.30	22.83	6439	76.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	90 DAP C	203		.	.	.	.
							307		25.00	24.50	6909	74.0
							402		24.55	24.06	6785	74.0
							Mean =		24.28	23.80	6711	74.7
4	XTENDIMAX	2.9	SL	0.44	oz/a	31+60 AB	105		23.00	22.54	6357	73.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31+60 AB	201		21.30	20.87	5887	74.0
							308		21.30	20.87	5887	73.0
							403		.	.	.	.
							Mean =		21.87	21.43	6043	73.3
5	XTENDIMAX	2.9	SL	0.44	oz/a	31+90 AC	106		23.40	22.93	6467	74.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	31+90 AC	209		.	.	.	.
							305		20.80	20.38	5749	73.0
							404		23.00	22.54	6357	76.0
							Mean =		22.40	21.95	6191	74.3
6	XTENDIMAX	2.9	SL	0.44	oz/a	60+90 BC	107		.	.	.	.
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	60+90 BC	202		22.15	21.71	6122	72.0
							303		23.35	22.88	6453	74.0
							408		21.50	21.07	5942	72.0
							Mean =		22.33	21.89	6172	72.7
7	XTENDIMAX	2.9	SL	0.44	oz/a	316090 ABC	108		21.20	20.78	5859	73.0
	ROUNDUP P-MAX	5.5	SL	0.64	oz/a	316090 ABC	207		23.70	23.23	6550	74.0
							304		22.90	22.44	6329	75.0
							409		.	.	.	.
							Mean =		22.60	22.15	6246	74.0
8	NTC						109		23.70	23.23	6550	75.0
							204		25.20	24.70	6965	76.0
							309		23.70	23.23	6550	76.0
							407		22.70	22.25	6274	74.0
							Mean =		23.83	23.35	6585	75.3

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PEANUT RESPONSE TO MULTIPLE SIMULATED DRIFT RATES OF XTENDIMAX + ROUNDUP P-MAX			
Trial ID:	PE-03B-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 = [C11] ^{0.98}
TY2 = 282.0107*[C12]