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FMC PRODUCTS IN XTEND SOYBEANS				
Trial ID: SB-06-18		Study Dir.: CRAIG HEIM		
Location: PONDER FARM		Investigator: Eric P. Prostko		

Reps: 4 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	2	3	4
1	NTC								101	205	309	403
2	AUTHORITY MAXX	66	WG	5.0	oz/a	PRE	A	3.745 g/mx	102	203	307	404
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	25.0 mL/mx				
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	2.539 mL/mx				
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	17.19 mL/mx				
3	AUTHORITY MTZ	45	WG	14.0	oz/a	PRE	A	10.48 g/mx	103	211	303	411
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	25.0 mL/mx				
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	2.539 mL/mx				
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	17.19 mL/mx				
4	AUTHORITY ELITE	7	EC	26.0	oz/a	PRE	A	20.31 mL/mx	104	201	304	402
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	25.0 mL/mx				
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	2.539 mL/mx				
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	17.19 mL/mx				
5	AUTHORITY SUPREME	4.16	SC	6.4	oz/a	PRE	A	4.999 mL/mx	105	207	311	407
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	25.0 mL/mx				
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	2.539 mL/mx				
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	17.19 mL/mx				
6	AUTHORITY ELITE	7	EC	26.0	oz/a	PRE	A	20.31 mL/mx	106	209	310	401
	METRIBUZIN	75	DG	6.0	oz/a	PRE	A	4.493 g/mx				
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	25.0 mL/mx				
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	2.539 mL/mx				
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	17.19 mL/mx				
7	ROWEL	51	WG	2.0	oz/a	PRE	A	1.498 g/mx	107	208	302	408
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	25.0 mL/mx				
	WARRANT	3	CS	48.0	oz/a	POST	B	37.5 mL/mx				
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	17.19 mL/mx				
8	ZIDUA PRO	4.09	SC	6.0	oz/a	PRE	A	4.687 mL/mx	108	206	308	406
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	25.0 mL/mx				
	ENGENIA	5	SL	12.8	oz/a	POST	B	9.999 mL/mx				
	OUTLOOK	6	EC	12.0	oz/a	POST	B	9.374 mL/mx				
9	FIERCE	76	WG	3.0	oz/a	PRE	A	2.247 g/mx	109	204	312	405
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	25.0 mL/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	12.5 mL/mx				
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	17.19 mL/mx				
10	BOUNDARY	6.5	SC	24.0	oz/a	PRE	A	18.75 mL/mx	110	212	301	409
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	25.0 mL/mx				
	PREFIX	5.29	EC	32.0	oz/a	POST	B	25.0 mL/mx				
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	17.19 mL/mx				
11	METRIBUZIN	75	DG	5.3	oz/a	PRE	A	3.969 g/mx	111	202	305	412
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	25.0 mL/mx				
	REFLEX	2	SL	24.0	oz/a	POST	B	18.75 mL/mx				
12	NTC								112	210	306	410

Sort Order: Treatment

Trial Comments
ANNUAL GRASS = NON-UNIFORM MIXTURE OF TEXAS PANICUM, CRABGRASS, GOOSEGRASS, AND CROWFOOTGRASS.
INTACT @ 0.5% V/V WAS APPLIED WITH ALL XTENDIMAX POST TRTS.
AUTHORITY MAXX = SULFENTRAZONE (62.12%) + CHLORIMURON (3.88%)
ANTHEM MAXX = PYROXASULFONE (4.174 LBS/GAL) + FLUTHIACET (0.126 LBS/GAL)
BOUNDARY = METRIBUZIN (1.25 LBS/GAL) + S-METOLACHLOR (5.25 LBS/GAL)
ZIDUA PRO = PYROXASULFONE (2.28 LBS/GAL) + IMAZETHAPYR (1.33 LBS/GAL) + SAFLUFENACIL (0.48 LBS/GAL)
PREFIX = FOMESAFEN (0.95 LBS/GAL) + S-METOLACHLOR (4.34 LBS/GAL)
AUTHORITY ELITE = S-METOLACHLOR (6.3 LBS/GAL) + SULFENTRAZONE (0.7 LBS/GAL)
AUTHORITY MTZ = SULFENTRAZONE (18%) + METRIBUZIN (27%)

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AUTHORITY SUPREME = SULFENTRAZONE (2.08 LBS/GAL) + PYROXASULFONE (2.08 LBS/GAL)

HARVEST DATE: OCTOBER 30, 2018

HARVEST MOISTURE: 13%

SUMMARY:

1) AUTHORITY ELITE, AUTHORITY SUPREME AND ZIDUA PRO CAUSED SIGNIFICANT EARLY SEASON SOYBEAN STUNTING. BUT, SOYBEAN INJURY FROM ZIDUA PRO WAS OBSERVED ALL SEASON LONG.

2) ALL TREATMENTS PROVIDED EXCELLENT CONTROL OF PALMER AMARANTH AND ANNUAL GRASSES (>92%).

3) NO XTENDIMAX PROGRAM WAS MORE EFFECTIVE THAN CURRENT STANDARD OF METRIBUZIN (PRE) FB ROUNDUP + REFLEX (POST).

4) ALL HERBICIDE TREATED PLOTS HAD HIGHER YIELDS THAN THE NTC. GENERALLY, THERE WAS NO DIFFERENCE IN SOYBEAN YIELDS BETWEEN HERBICIDE TREATED PLOTS EXCEPT FOR THE FOLLOWING:

ROWEL FB ROUNDUP + WARRANT + XTENDIMAX HAD HIGHER YIELDS THAN ZIDUA PRO FB ROUNDUP + ENGENIA + OUTLOOK (49.2 BU/A VS. 33.9 BU/A).

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FMC PRODUCTS IN XTEND SOYBEANS

Trial ID: SB-06-18 Study Dir.: CRAIG HEIM
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: CRAIG HEIM **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. AMAPA PALMER AMARANTH **2.** AGRASS TX PAN;CRAB;CROW;GOOSE

Crop 1: GLYMA SOYBEAN **Variety:** PIONEER P54A54X **Planting Date:** May-14-18
Planting Method: MONOSEM **Rate:** 156816 SEED/A **Depth:** 1.5 IN
Perennial Age: _____ **Row Spacing:** 30 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4

Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: 500 LBS/A 5-15-30 - PREPLANT;

Previous: Crops	Pesticides	Year
1. PEANUT	2017	_____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.63 **% Sand:** 96 **% Silt:** 0 **% Clay:** 4
pH: 6.0 **CEC:** 2.7 **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-14-18	1 HAT	0.5	IN	SPRINKLER - LATERAL MOVE		_____
2. May-14-18		0.02	IN	RAINFALL		_____
3. May-15-18		0.35	IN	RAINFALL		_____
4. May-16-18		0.69	IN	RANFALL		_____
5. May-17-18		0.26	IN	RAINFALL		_____
6. May-20-18		0.1	IN	RAINFALL		_____
7. May-21-18		0.07	IN	RAINFALL		_____
8. May-22-18		0.22	IN	RAINFALL		_____
9. Jun-11-18		0.5	IN	SPRINKLER - LATERAL MOVE		_____
10.						_____
11.						_____
12.						_____
13.						_____
14.						_____

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

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		APPLICATION DESCRIPTION					
		A	B	C	D	E	F
Application Date:	May-14-18	Jun-13-18		_____	_____	_____	_____
Time of Day:	11:45 AM	7:45 AM		_____	_____	_____	_____
Application Method:	BROADCAST	BROADCAST		_____	_____	_____	_____
Application Timing:	PRE	POST		_____	_____	_____	_____
Applic. Placement:	SOIL	FOLIAGE		_____	_____	_____	_____
Air Temp., Unit:	77 F	73 F		_____	_____	_____	_____
% Relative Humidity:	69	100		_____	_____	_____	_____
Wind Velocity, Unit:	3 MPH	2 MPH		_____	_____	_____	_____
Dew Presence (Y/N):	N	Y		_____	_____	_____	_____
Water Hardness:	---	---		_____	_____	_____	_____
Soil Temp., Unit:	80 F	78 F		_____	_____	_____	_____
Soil Moisture:	OPTIMUM	OPTIMUM		_____	_____	_____	_____
% Cloud Cover:	100	100		_____	_____	_____	_____

		CROP STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Crop 1 Stage:	GLYMA	_____	_____	_____	_____	_____	_____
Stage Scale:	_____	V5		_____	_____	_____	_____
Height, Unit:	_____	12 IN		_____	_____	_____	_____

		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1 Stage:	AMAPA	_____	1-4"	_____	_____	_____	_____
Stage Scale:	_____	_____	_____	_____	_____	_____	_____
Density, Unit:	_____	_____	_____	_____	_____	_____	_____
Weed 2 Stage:	AGRASS	_____	1-3"	_____	_____	_____	_____
Stage Scale:	_____	_____	_____	_____	_____	_____	_____
Density, Unit:	_____	_____	_____	_____	_____	_____	_____

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK		_____	_____	_____	_____
Operating Pressure:	44	45		_____	_____	_____	_____
Nozzle Type:	TT1	TT1		_____	_____	_____	_____
Nozzle Size:	02	02		_____	_____	_____	_____
Nozzle Spacing, Unit:	20	IN	20 IN	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60	IN	60 IN	_____	_____	_____	_____
Boom Height, Unit:	20	IN	20 IN	_____	_____	_____	_____
Ground Speed, Unit:	3.5	MPH	3.5 MPH	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	WATER		_____	_____	_____	_____
Spray Volume, Unit:	15	GPA	15 GPA	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	CO2		_____	_____	_____	_____
Tank Mix (Y/N):	---	---		_____	_____	_____	_____

Trt No	Treatment Application Comment
_____	_____

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FMC PRODUCTS IN XTEND SOYBEANS														
Trial ID: SB-06-18		Study Dir.: CRAIG HEIM												
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.	----- GLYMA PLANT - STUNTING PERCENT May-24-18 10 DA-A	AMAPA ----- CONTROL PERCENT May-24-18 10 DA-A	AGRASS ----- CONTROL PERCENT May-24-18 10 DA-A	----- GLYMA PLANT - STUNTING PERCENT Jun-4-18 21 DA-A	AMAPA ----- CONTROL PERCENT Jun-4-18 21 DA-A	AGRASS ----- CONTROL PERCENT Jun-4-18 21 DA-A
Trt Treatment No. Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code			1	2	3	4	5	6
1 NTC									0.0 e	0.0 b	0.0 b	0.0 b	0.0 b	0.0 b
2 AUTHORITY MAXX ROUNDUP P-MAX ANTHEM MAXX XTENDIMAX	66 WG 5.5 SL 4.3 SC 2.9 SL		5.0 oz/a 32.0 oz/a 3.25 oz/a 22.0 oz/a	PRE POST POST POST	A B B B				5.0 de	99.0 a	98.0 a	5.0 b	99.0 a	94.5 a
3 AUTHORITY MTZ ROUNDUP P-MAX ANTHEM MAXX XTENDIMAX	45 WG 5.5 SL 4.3 SC 2.9 SL		14.0 oz/a 32.0 oz/a 3.25 oz/a 22.0 oz/a	PRE POST POST POST	A B B B				5.0 de	99.0 a	99.0 a	5.0 b	96.8 a	95.5 a
4 AUTHORITY ELITE ROUNDUP P-MAX ANTHEM MAXX XTENDIMAX	7 EC 5.5 SL 4.3 SC 2.9 SL		26.0 oz/a 32.0 oz/a 3.25 oz/a 22.0 oz/a	PRE POST POST POST	A B B B				20.0 ab	99.0 a	99.0 a	7.5 b	99.0 a	98.0 a
5 AUTHORITY SUPREME ROUNDUP P-MAX ANTHEM MAXX XTENDIMAX	4.16 SC 5.5 SL 4.3 SC 2.9 SL		6.4 oz/a 32.0 oz/a 3.25 oz/a 22.0 oz/a	PRE POST POST POST	A B B B				15.0 a-d	99.0 a	98.0 a	7.5 b	99.0 a	96.8 a
6 AUTHORITY ELITE METRIBUZIN ROUNDUP P-MAX ANTHEM MAXX XTENDIMAX	7 EC 75 DG 5.5 SL 4.3 SC 2.9 SL		26.0 oz/a 6.0 oz/a 32.0 oz/a 3.25 oz/a 22.0 oz/a	PRE PRE POST POST POST	A A B B B				18.8 abc	99.0 a	99.0 a	7.5 b	99.0 a	98.0 a
7 ROWEL ROUNDUP P-MAX WARRANT XTENDIMAX	51 WG 5.5 SL 3 CS 2.9 SL		2.0 oz/a 32.0 oz/a 48.0 oz/a 22.0 oz/a	PRE POST POST POST	A B B B				7.5 cde	99.0 a	99.0 a	2.5 b	99.0 a	99.0 a
8 ZIDUA PRO ROUNDUP P-MAX ENGENIA OUTLOOK	4.09 SC 5.5 SL 5 SL 6 EC		6.0 oz/a 32.0 oz/a 12.8 oz/a 12.0 oz/a	PRE POST POST POST	A B B B				22.5 a	99.0 a	98.0 a	25.0 a	99.0 a	99.0 a
9 FIERCE ROUNDUP P-MAX DUAL MAGNUM XTENDIMAX	76 WG 5.5 SL 7.62 EC 2.9 SL		3.0 oz/a 32.0 oz/a 16.0 oz/a 22.0 oz/a	PRE POST POST POST	A B B B				10.0 b-e	99.0 a	99.0 a	3.8 b	99.0 a	99.0 a
10 BOUNDARY ROUNDUP P-MAX PREFIX XTENDIMAX	6.5 SC 5.5 SL 5.29 EC 2.9 SL		24.0 oz/a 32.0 oz/a 32.0 oz/a 22.0 oz/a	PRE POST POST POST	A B B B				7.5 cde	99.0 a	99.0 a	0.0 b	99.0 a	97.0 a
11 METRIBUZIN ROUNDUP P-MAX REFLEX	75 DG 5.5 SL 2 SL		5.3 oz/a 32.0 oz/a 24.0 oz/a	PRE POST POST	A B B				2.5 e	99.0 a	99.0 a	2.5 b	99.0 a	92.3 a
12 NTC									0.0 e	0.0 b	0.0 b	0.0 b	0.0 b	0.0 b
Tukey's HSD P=.10									12.03	.	2.24	11.51	2.94	7.03
Standard Deviation									5.31	0.00	0.99	5.08	1.30	3.10
CV									55.99	0.0	1.2	91.96	1.58	3.84
Grand Mean									9.48	82.50	82.25	5.52	82.31	80.75
Levene's F									1.524	0.00	0.818	1.953		1.441
Levene's Prob(F)									0.166	0.00*	0.623	0.064		0.198
Replicate F									1.054	0.000	1.247	7.672	1.000	5.986
Replicate Prob(F)									0.3819	1.0000	0.3083	0.0005	0.4051	0.0023
Treatment F									8.691	0.000	6026.568	7.119	3505.000	594.109
Treatment Prob(F)									0.0001	1.0000	0.0001	0.0001	0.0001	0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Could not calculate Tukey's HSD (% mean diff) for columns 2,9,10,12 because error mean square = 0.

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Weed Code						AMAPA	AGRASS	AMAPA	AGRASS				
Crop Code						-----	-----	-----	-----				
Part Rated						GLYMA	GLYMA						
Rating Data Type						PLANT -	LEAF -						
Rating Unit						STUNTING	NECROSIS	CONTROL	CONTROL				
Rating Date						PERCENT	PERCENT	PERCENT	PERCENT				
Trt-Eval Interval						Jun-19-18	Jun-19-18	Jun-19-18	Jun-19-18				
PRM Data Type						36 DA-A	36 DA-A	36 DA-A	36 DA-A				
# Subsamples, Dec.								73 DA-A	73 DA-A				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code						
								7	8				
								9	10				
								11	12				
1	NTC							0.0 e	0.0 d	0.0 b	0.0 b	0.0 b	0.0 b
2	AUTHORITY MAXX	66	WG	5.0	oz/a	PRE	A	7.5 b-e	20.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B						
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B						
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B						
3	AUTHORITY MTZ	45	WG	14.0	oz/a	PRE	A	2.5 cde	16.3 a	99.0 a	99.0 a	99.0 a	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B						
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B						
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B						
4	AUTHORITY ELITE	7	EC	26.0	oz/a	PRE	A	12.5 b	18.8 a	99.0 a	99.0 a	99.0 a	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B						
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B						
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B						
5	AUTHORITY SUPREME	4.16	SC	6.4	oz/a	PRE	A	15.0 b	16.3 a	99.0 a	99.0 a	99.0 a	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B						
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B						
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B						
6	AUTHORITY ELITE	7	EC	26.0	oz/a	PRE	A	13.8 b	15.0 ab	99.0 a	99.0 a	99.0 a	99.0 a
	METRIBUZIN	75	DG	6.0	oz/a	PRE	A						
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B						
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B						
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B						
7	ROWEL	51	WG	2.0	oz/a	PRE	A	1.3 de	0.0 d	99.0 a	99.0 a	99.0 a	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B						
	WARRANT	3	CS	48.0	oz/a	POST	B						
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B						
8	ZIDUA PRO	4.09	SC	6.0	oz/a	PRE	A	30.0 a	8.8 c	99.0 a	99.0 a	99.0 a	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B						
	ENGENIA	5	SL	12.8	oz/a	POST	B						
	OUTLOOK	6	EC	12.0	oz/a	POST	B						
9	FIERCE	76	WG	3.0	oz/a	PRE	A	7.5 b-e	10.0 bc	99.0 a	99.0 a	99.0 a	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B						
10	BOUNDARY	6.5	SC	24.0	oz/a	PRE	A	10.0 bcd	20.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B						
	PREFIX	5.29	EC	32.0	oz/a	POST	B						
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B						
11	METRIBUZIN	75	DG	5.3	oz/a	PRE	A	11.3 bc	20.0 a	99.0 a	99.0 a	98.0 a	99.0 a
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B						
	REFLEX	2	SL	24.0	oz/a	POST	B						
12	NTC							0.0 e	0.0 d	0.0 b	0.0 b	0.0 b	0.0 b
	Tukey's HSD P=.10							9.77	5.16	.	.	1.31	.
	Standard Deviation							4.31	2.28	0.00	0.00	0.58	0.00
	CV							46.49	18.83	0.0	0.0	0.7	0.0
	Grand Mean							9.27	12.08	82.50	82.50	82.42	82.50
	Levene's F							1.194	2.182	0.00	0.00		0.00
	Levene's Prob(F)							0.326	0.039*	0.00*	0.00*		0.00*
	Replicate F							0.776	0.268	0.000	0.000	1.000	0.000
	Replicate Prob(F)							0.5159	0.8478	1.0000	1.0000	0.4051	1.0000
	Treatment F							15.382	51.220	0.000	0.000	17785.002	0.000
	Treatment Prob(F)							0.0001	0.0001	1.0000	1.0000	0.0001	1.0000

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Could not calculate Tukey's HSD (% mean diff) for columns 2,9,10,12 because error mean square = 0.

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Weed Code						-----	-----	-----
Crop Code						GLYMA	GLYMA	GLYMA
Part Rated						PLANT -	PLOT -	PLOT -
Rating Data Type						STUNTING	YIELD	YIELD
Rating Unit						PERCENT	LBS/PLOT	BU/A
Rating Date						Jul-26-18	Oct-30-18	Oct-30-18
Trt-Eval Interval						73 DA-A	169 DA-A	169 DA-A
PRM Data Type								TY1
# Subsamples, Dec.							- 1	- 1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	
1	NTC							0.0 b
2	AUTHORITY MAXX	66	WG	5.0	oz/a	PRE	A	1.3 b
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	8.2 ab
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	39.8 ab
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	
3	AUTHORITY MTZ	45	WG	14.0	oz/a	PRE	A	0.0 b
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	8.5 ab
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	41.0 ab
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	
4	AUTHORITY ELITE	7	EC	26.0	oz/a	PRE	A	3.8 b
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	8.4 ab
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	40.4 ab
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	
5	AUTHORITY SUPREME	4.16	SC	6.4	oz/a	PRE	A	1.3 b
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	9.2 ab
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	44.5 ab
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	
6	AUTHORITY ELITE	7	EC	26.0	oz/a	PRE	A	2.5 b
	METRIBUZIN	75	DG	6.0	oz/a	PRE	A	8.7 ab
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	42.0 ab
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	
7	ROWEL	51	WG	2.0	oz/a	PRE	A	1.3 b
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	10.2 a
	WARRANT	3	CS	48.0	oz/a	POST	B	49.2 a
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	
8	ZIDUA PRO	4.09	SC	6.0	oz/a	PRE	A	18.8 a
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	7.0 b
	ENGENIA	5	SL	12.8	oz/a	POST	B	33.9 b
	OUTLOOK	6	EC	12.0	oz/a	POST	B	
9	FIERCE	76	WG	3.0	oz/a	PRE	A	0.0 b
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	9.3 ab
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	45.0 ab
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	
10	BOUNDARY	6.5	SC	24.0	oz/a	PRE	A	2.5 b
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	8.0 ab
	PREFIX	5.29	EC	32.0	oz/a	POST	B	38.6 ab
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	
11	METRIBUZIN	75	DG	5.3	oz/a	PRE	A	0.0 b
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	8.9 ab
	REFLEX	2	SL	24.0	oz/a	POST	B	43.1 ab
12	NTC							0.0 b
								0.0 c
								0.0 c
	Tukey's HSD P=.10							7.77
	Standard Deviation							2.61
	CV							1.15
	Grand Mean							15.99
	Levene's F							2.60
	Levene's Prob(F)							7.19
	Replicate F							34.80
	Replicate Prob(F)							1.256
	Treatment F							1.256
	Treatment Prob(F)							0.288
								0.162
								1.279
								0.9209
								0.2978
								9.322
								35.943
								0.0001
								0.0001
								0.0001

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)
 Could not calculate Tukey's HSD (% mean diff) for columns 2,9,10,12 because error mean square = 0.

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FMC PRODUCTS IN XTEND SOYBEANS

Trial ID: SB-06-18 Study Dir.: CRAIG HEIM
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.

Part Rated

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

LEAF = LEAF / FOLIAGE

PRM Data Type

TY1 = 4.84*[14]

University of Georgia

FMC PRODUCTS IN XTEND SOYBEANS														
Trial ID: SB-06-18		Study Dir.: CRAIG HEIM												
Location: PONDER FARM		Investigator: Eric P. Probst												
Weed Code						-----	AMAPA	AGRASS	-----	AMAPA	AGRASS			
Crop Code						GLYMA	-----	-----	GLYMA	-----	-----			
Part Rated						PLANT -			PLANT -					
Rating Data Type						STUNTING	CONTROL	CONTROL	STUNTING	CONTROL	CONTROL			
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT			
Rating Date						May-24-18	May-24-18	May-24-18	Jun-4-18	Jun-4-18	Jun-4-18			
Trt-Eval Interval						10 DA-A	10 DA-A	10 DA-A	21 DA-A	21 DA-A	21 DA-A			
PRM Data Type														
# Subsamples, Dec.														
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	Plot	1	2	3	4	5	6
1	NTC							101	0.0	0.0	0.0	0.0	0.0	0.0
								205	0.0	0.0	0.0	0.0	0.0	0.0
								309	0.0	0.0	0.0	0.0	0.0	0.0
								403	0.0	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0
2	AUTHORITY MAXX	66	WG	5.0	oz/a	PRE	A	102	10.0	99.0	99.0	10.0	99.0	85.0
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	203	10.0	99.0	95.0	10.0	99.0	95.0
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	307	0.0	99.0	99.0	0.0	99.0	99.0
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	404	0.0	99.0	99.0	0.0	99.0	99.0
								Mean =	5.0	99.0	98.0	5.0	99.0	94.5
3	AUTHORITY MTZ	45	WG	14.0	oz/a	PRE	A	103	10.0	99.0	99.0	20.0	90.0	85.0
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	211	0.0	99.0	99.0	0.0	99.0	99.0
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	303	10.0	99.0	99.0	0.0	99.0	99.0
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	411	0.0	99.0	99.0	0.0	99.0	99.0
								Mean =	5.0	99.0	99.0	5.0	96.8	95.5
4	AUTHORITY ELITE	7	EC	26.0	oz/a	PRE	A	104	20.0	99.0	99.0	20.0	99.0	99.0
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	201	20.0	99.0	99.0	10.0	99.0	95.0
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	304	20.0	99.0	99.0	0.0	99.0	99.0
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	402	20.0	99.0	99.0	0.0	99.0	99.0
								Mean =	20.0	99.0	99.0	7.5	99.0	98.0
5	AUTHORITY SUPREME	4.16	SC	6.4	oz/a	PRE	A	105	20.0	99.0	95.0	20.0	99.0	90.0
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	207	20.0	99.0	99.0	10.0	99.0	99.0
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	311	10.0	99.0	99.0	0.0	99.0	99.0
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	407	10.0	99.0	99.0	0.0	99.0	99.0
								Mean =	15.0	99.0	98.0	7.5	99.0	96.8
6	AUTHORITY ELITE	7	EC	26.0	oz/a	PRE	A	106	15.0	99.0	99.0	20.0	99.0	95.0
	METRIBUZIN	75	DG	6.0	oz/a	PRE	A	209	20.0	99.0	99.0	10.0	99.0	99.0
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	310	10.0	99.0	99.0	0.0	99.0	99.0
	ANTHEM MAXX	4.3	SC	3.25	oz/a	POST	B	401	30.0	99.0	99.0	0.0	99.0	99.0
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B							
								Mean =	18.8	99.0	99.0	7.5	99.0	98.0
7	ROWEL	51	WG	2.0	oz/a	PRE	A	107	0.0	99.0	99.0	0.0	99.0	99.0
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	208	10.0	99.0	99.0	10.0	99.0	99.0
	WARRANT	3	CS	48.0	oz/a	POST	B	302	10.0	99.0	99.0	0.0	99.0	99.0
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	408	10.0	99.0	99.0	0.0	99.0	99.0
								Mean =	7.5	99.0	99.0	2.5	99.0	99.0
8	ZIDUA PRO	4.09	SC	6.0	oz/a	PRE	A	108	20.0	99.0	95.0	25.0	99.0	99.0
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	206	30.0	99.0	99.0	25.0	99.0	99.0
	ENGENIA	5	SL	12.8	oz/a	POST	B	308	20.0	99.0	99.0	25.0	99.0	99.0
	OUTLOOK	6	EC	12.0	oz/a	POST	B	406	20.0	99.0	99.0	25.0	99.0	99.0
								Mean =	22.5	99.0	98.0	25.0	99.0	99.0
9	FIERCE	76	WG	3.0	oz/a	PRE	A	109	10.0	99.0	99.0	5.0	99.0	99.0
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	204	10.0	99.0	99.0	10.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	312	20.0	99.0	99.0	0.0	99.0	99.0
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	405	0.0	99.0	99.0	0.0	99.0	99.0
								Mean =	10.0	99.0	99.0	3.8	99.0	99.0
10	BOUNDARY	6.5	SC	24.0	oz/a	PRE	A	110	10.0	99.0	99.0	0.0	99.0	95.0
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	212	10.0	99.0	99.0	0.0	99.0	99.0
	PREFIX	5.29	EC	32.0	oz/a	POST	B	301	0.0	99.0	99.0	0.0	99.0	99.0
	XTENDIMAX	2.9	SL	22.0	oz/a	POST	B	409	10.0	99.0	99.0	0.0	99.0	95.0
								Mean =	7.5	99.0	99.0	0.0	99.0	97.0
11	METRIBUZIN	75	DG	5.3	oz/a	PRE	A	111	0.0	99.0	99.0	0.0	99.0	85.0
	ROUNDUP P-MAX	5.5	SL	32.0	oz/a	POST	B	202	10.0	99.0	99.0	10.0	99.0	90.0
	REFLEX	2	SL	24.0	oz/a	POST	B	305	0.0	99.0	99.0	0.0	99.0	99.0
								412	0.0	99.0	99.0	0.0	99.0	95.0
								Mean =	2.5	99.0	99.0	2.5	99.0	92.3

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Weed Code	----- GLYMA	AMAPA	AGRASS	----- GLYMA	AMAPA	AGRASS
Crop Code	----- PLANT -	-----	-----	----- PLANT -	-----	-----
Part Rated	STUNTING	CONTROL	CONTROL	STUNTING	CONTROL	CONTROL
Rating Data Type	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Unit	May-24-18	May-24-18	May-24-18	Jun-4-18	Jun-4-18	Jun-4-18
Rating Date	10 DA-A	10 DA-A	10 DA-A	21 DA-A	21 DA-A	21 DA-A
Trt-Eval Interval						
PRM Data Type						
# Subsamples, Dec.						
Trt Treatment	Form Form	Rate Grow	Appl			
No. Name	Conc Type	Rate Unit	Stg	Code	Plot	
					1	2
					3	4
					5	6
12 NTC				112	0.0	0.0
				210	0.0	0.0
				306	0.0	0.0
				410	0.0	0.0
				Mean =	0.0	0.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval PRM Data Type # Subsamples, Dec.						----- GLYMA PLANT - STUNTING PERCENT Jun-19-18 36 DA-A	----- GLYMA LEAF - NECROSIS PERCENT Jun-19-18 36 DA-A	AMAPA ----- CONTROL PERCENT Jun-19-18 36 DA-A	AGRASS ----- CONTROL PERCENT Jun-19-18 36 DA-A	AMAPA ----- CONTROL PERCENT Jul-26-18 73 DA-A
Trt Treatment No. Name	Form Form Conc Type	Rate Rate Unit	Grow Stg	Appl Code	Plot	7	8	9	10	11
1 NTC					101	0.0	0.0	0.0	0.0	0.0
					205	0.0	0.0	0.0	0.0	0.0
					309	0.0	0.0	0.0	0.0	0.0
					403	0.0	0.0	0.0	0.0	0.0
					Mean =	0.0	0.0	0.0	0.0	0.0
2 AUTHORITY MAXX	66 WG	5.0 oz/a	PRE	A	102	0.0	20.0	99.0	99.0	99.0
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST	B	203	10.0	20.0	99.0	99.0	99.0
ANTHEM MAXX	4.3 SC	3.25 oz/a	POST	B	307	10.0	20.0	99.0	99.0	99.0
XTENDIMAX	2.9 SL	22.0 oz/a	POST	B	404	10.0	20.0	99.0	99.0	99.0
					Mean =	7.5	20.0	99.0	99.0	99.0
3 AUTHORITY MTZ	45 WG	14.0 oz/a	PRE	A	103	0.0	20.0	99.0	99.0	99.0
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST	B	211	0.0	10.0	99.0	99.0	99.0
ANTHEM MAXX	4.3 SC	3.25 oz/a	POST	B	303	0.0	15.0	99.0	99.0	99.0
XTENDIMAX	2.9 SL	22.0 oz/a	POST	B	411	10.0	20.0	99.0	99.0	99.0
					Mean =	2.5	16.3	99.0	99.0	99.0
4 AUTHORITY ELITE	7 EC	26.0 oz/a	PRE	A	104	10.0	20.0	99.0	99.0	99.0
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST	B	201	10.0	20.0	99.0	99.0	99.0
ANTHEM MAXX	4.3 SC	3.25 oz/a	POST	B	304	15.0	20.0	99.0	99.0	99.0
XTENDIMAX	2.9 SL	22.0 oz/a	POST	B	402	15.0	15.0	99.0	99.0	99.0
					Mean =	12.5	18.8	99.0	99.0	99.0
5 AUTHORITY SUPREME	4.16 SC	6.4 oz/a	PRE	A	105	20.0	15.0	99.0	99.0	99.0
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST	B	207	20.0	20.0	99.0	99.0	99.0
ANTHEM MAXX	4.3 SC	3.25 oz/a	POST	B	311	10.0	15.0	99.0	99.0	99.0
XTENDIMAX	2.9 SL	22.0 oz/a	POST	B	407	10.0	15.0	99.0	99.0	99.0
					Mean =	15.0	16.3	99.0	99.0	99.0
6 AUTHORITY ELITE	7 EC	26.0 oz/a	PRE	A	106	20.0	15.0	99.0	99.0	99.0
METRIBUZIN	75 DG	6.0 oz/a	PRE	A	209	10.0	10.0	99.0	99.0	99.0
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST	B	310	10.0	20.0	99.0	99.0	99.0
ANTHEM MAXX	4.3 SC	3.25 oz/a	POST	B	401	15.0	15.0	99.0	99.0	99.0
XTENDIMAX	2.9 SL	22.0 oz/a	POST	B						
					Mean =	13.8	15.0	99.0	99.0	99.0
7 ROWEL	51 WG	2.0 oz/a	PRE	A	107	0.0	0.0	99.0	99.0	99.0
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST	B	208	0.0	0.0	99.0	99.0	99.0
WARRANT	3 CS	48.0 oz/a	POST	B	302	5.0	0.0	99.0	99.0	99.0
XTENDIMAX	2.9 SL	22.0 oz/a	POST	B	408	0.0	0.0	99.0	99.0	99.0
					Mean =	1.3	0.0	99.0	99.0	99.0
8 ZIDUA PRO	4.09 SC	6.0 oz/a	PRE	A	108	30.0	5.0	99.0	99.0	99.0
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST	B	206	30.0	10.0	99.0	99.0	99.0
ENGENIA	5 SL	12.8 oz/a	POST	B	308	30.0	10.0	99.0	99.0	99.0
OUTLOOK	6 EC	12.0 oz/a	POST	B	406	30.0	10.0	99.0	99.0	99.0
					Mean =	30.0	8.8	99.0	99.0	99.0
9 FIERCE	76 WG	3.0 oz/a	PRE	A	109	10.0	10.0	99.0	99.0	99.0
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST	B	204	10.0	10.0	99.0	99.0	99.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	B	312	0.0	10.0	99.0	99.0	99.0
XTENDIMAX	2.9 SL	22.0 oz/a	POST	B	405	10.0	10.0	99.0	99.0	99.0
					Mean =	7.5	10.0	99.0	99.0	99.0
10 BOUNDARY	6.5 SC	24.0 oz/a	PRE	A	110	10.0	20.0	99.0	99.0	99.0
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST	B	212	0.0	20.0	99.0	99.0	99.0
PREFIX	5.29 EC	32.0 oz/a	POST	B	301	10.0	20.0	99.0	99.0	99.0
XTENDIMAX	2.9 SL	22.0 oz/a	POST	B	409	20.0	20.0	99.0	99.0	99.0
					Mean =	10.0	20.0	99.0	99.0	99.0
11 METRIBUZIN	75 DG	5.3 oz/a	PRE	A	111	10.0	20.0	99.0	99.0	99.0
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST	B	202	15.0	20.0	99.0	99.0	99.0
REFLEX	2 SL	24.0 oz/a	POST	B	305	10.0	20.0	99.0	99.0	99.0
					412	10.0	20.0	99.0	99.0	95.0
					Mean =	11.3	20.0	99.0	99.0	98.0

University of Georgia

Weed Code				-----	-----	AMAPA	AGRASS	AMAPA
Crop Code				GLYMA	GLYMA	-----	-----	-----
Part Rated				PLANT -	LEAF -			
Rating Data Type				STUNTING	NECROSIS	CONTROL	CONTROL	CONTROL
Rating Unit				PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date				Jun-19-18	Jun-19-18	Jun-19-18	Jun-19-18	Jul-26-18
Trt-Eval Interval				36 DA-A	36 DA-A	36 DA-A	36 DA-A	73 DA-A
PRM Data Type								
# Subsamples, Dec.								
Trt	Treatment	Form	Form	Rate	Grow	Appl		
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot
								7
								8
								9
								10
								11
12	NTC						112	0.0
							210	0.0
							306	0.0
							410	0.0
							Mean =	0.0

University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval PRM Data Type # Subsamples, Dec.						AGRASS ----- CONTROL PERCENT Jul-26-18 73 DA-A	----- GLYMA PLANT - STUNTING PERCENT Jul-26-18 73 DA-A	----- GLYMA PLOT - YIELD LBS/PLOT Oct-30-18 169 DA-A	----- GLYMA PLOT - YIELD BU/A Oct-30-18 169 DA-A TY1 - 1
Trt Treatment No. Name	Form Form Conc Type	Rate Rate Rate Unit	Grow Stg	Appl Code Code Plot	12	13	14	15	
1 NTC				101	0.0	0.0	0.0	0.0	
				205	0.0	0.0	0.0	0.0	
				309	0.0	0.0	0.0	0.0	
				403	0.0	0.0	0.0	0.0	
				Mean =	0.0	0.0	0.0	0.0	
2 AUTHORITY MAXX	66 WG	5.0 oz/a	PRE A	102	99.0	5.0	6.1	29.5	
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST B	203	99.0	0.0	9.2	44.5	
ANTHEM MAXX	4.3 SC	3.25 oz/a	POST B	307	99.0	0.0	9.1	44.0	
XTENDIMAX	2.9 SL	22.0 oz/a	POST B	404	99.0	0.0	8.5	41.1	
				Mean =	99.0	1.3	8.2	39.8	
3 AUTHORITY MTZ	45 WG	14.0 oz/a	PRE A	103	99.0	0.0	7.7	37.3	
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST B	211	99.0	0.0	7.1	34.4	
ANTHEM MAXX	4.3 SC	3.25 oz/a	POST B	303	99.0	0.0	10.1	48.9	
XTENDIMAX	2.9 SL	22.0 oz/a	POST B	411	99.0	0.0	9.0	43.6	
				Mean =	99.0	0.0	8.5	41.0	
4 AUTHORITY ELITE	7 EC	26.0 oz/a	PRE A	104	99.0	10.0	8.7	42.1	
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST B	201	99.0	0.0	7.7	37.3	
ANTHEM MAXX	4.3 SC	3.25 oz/a	POST B	304	99.0	0.0	10.0	48.4	
XTENDIMAX	2.9 SL	22.0 oz/a	POST B	402	99.0	5.0	7.0	33.9	
				Mean =	99.0	3.8	8.4	40.4	
5 AUTHORITY SUPREME	4.16 SC	6.4 oz/a	PRE A	105	99.0	0.0	7.5	36.3	
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST B	207	99.0	5.0	10.3	49.9	
ANTHEM MAXX	4.3 SC	3.25 oz/a	POST B	311	99.0	0.0	9.8	47.4	
XTENDIMAX	2.9 SL	22.0 oz/a	POST B	407	99.0	0.0	9.2	44.5	
				Mean =	99.0	1.3	9.2	44.5	
6 AUTHORITY ELITE	7 EC	26.0 oz/a	PRE A	106	99.0	0.0	8.5	41.1	
METRIBUZIN	75 DG	6.0 oz/a	PRE A	209	99.0	10.0	8.7	42.1	
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST B	310	99.0	0.0	9.9	47.9	
ANTHEM MAXX	4.3 SC	3.25 oz/a	POST B	401	99.0	0.0	7.6	36.8	
XTENDIMAX	2.9 SL	22.0 oz/a	POST B						
				Mean =	99.0	2.5	8.7	42.0	
7 ROWEL	51 WG	2.0 oz/a	PRE A	107	99.0	0.0	9.7	46.9	
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST B	208	99.0	0.0	10.8	52.3	
WARRANT	3 CS	48.0 oz/a	POST B	302	99.0	5.0	9.9	47.9	
XTENDIMAX	2.9 SL	22.0 oz/a	POST B	408	99.0	0.0	10.3	49.9	
				Mean =	99.0	1.3	10.2	49.2	
8 ZIDUA PRO	4.09 SC	6.0 oz/a	PRE A	108	99.0	20.0	8.2	39.7	
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST B	206	99.0	10.0	7.2	34.8	
ENGENIA	5 SL	12.8 oz/a	POST B	308	99.0	25.0	7.2	34.8	
OUTLOOK	6 EC	12.0 oz/a	POST B	406	99.0	20.0	5.4	26.1	
				Mean =	99.0	18.8	7.0	33.9	
9 FIERCE	76 WG	3.0 oz/a	PRE A	109	99.0	0.0	10.7	51.8	
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST B	204	99.0	0.0	9.4	45.5	
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST B	312	99.0	0.0	7.9	38.2	
XTENDIMAX	2.9 SL	22.0 oz/a	POST B	405	99.0	0.0	9.2	44.5	
				Mean =	99.0	0.0	9.3	45.0	
10 BOUNDARY	6.5 SC	24.0 oz/a	PRE A	110	99.0	0.0	8.6	41.6	
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST B	212	99.0	0.0	5.7	27.6	
PREFIX	5.29 EC	32.0 oz/a	POST B	301	99.0	0.0	8.2	39.7	
XTENDIMAX	2.9 SL	22.0 oz/a	POST B	409	99.0	10.0	9.4	45.5	
				Mean =	99.0	2.5	8.0	38.6	
11 METRIBUZIN	75 DG	5.3 oz/a	PRE A	111	99.0	0.0	6.8	32.9	
ROUNDUP P-MAX	5.5 SL	32.0 oz/a	POST B	202	99.0	0.0	9.8	47.4	
REFLEX	2 SL	24.0 oz/a	POST B	305	99.0	0.0	10.6	51.3	
				412	99.0	0.0	8.4	40.7	
				Mean =	99.0	0.0	8.9	43.1	

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Weed Code	AGRASS			
Crop Code	-----			
Part Rated	-----			
Rating Data Type	CONTROL	STUNTING	YIELD	YIELD
Rating Unit	PERCENT	PERCENT	LBS/PLOT	BU/A
Rating Date	Jul-26-18	Jul-26-18	Oct-30-18	Oct-30-18
Trt-Eval Interval	73 DA-A	73 DA-A	169 DA-A	169 DA-A
PRM Data Type				TY1
# Subsamples, Dec.			- 1	- 1
Trt Treatment	Form Form	Rate Grow	Appl	
No. Name	Conc Type	Rate Unit	Stg Code	Plot
12 NTC				12
				13
				14
				15
	112			0.0
	210			0.0
	306			0.0
	410			0.0
	Mean =			0.0

University of Georgia

FMC PRODUCTS IN XTEND SOYBEANS

Trial ID: SB-06-18 Study Dir.: CRAIG HEIM
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.

Part Rated

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

LEAF = LEAF / FOLIAGE

PRM Data Type

TY1 = 4.84*[14]