

Authority Maxx Weed and Crop Fit - FMC.

Trial ID: 14-DSO-FMC-AuthMaxxFit Location: De Soto, IL Trial Year: 2014
Investigator: Ronald F. Krausz

Trial Status: Fone-year/final Initiation Date: 5-6-14 Completion Date: 10-30-14	Trial Location City: De Soto Country: USA State/Prov.: Illinois IL Postal Code: 62924
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Objectives:
Evaluate preemergence programs for control of glyphosate-resistant waterhemp with Authority Maxx and other residual herbicides.

Study Director: Ronald F. Krausz Organization: Belleville Research Center - Southern Illinois Univ Carbondale Address: 2036 Charles Lane City+State/Prov: Belleville, IL Postal Code: 62221 Country: USA	Contacts Title: Researcher/Farm Manager Phone No.: 618-566-4761 E-mail: rkrausz@siu.edu
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Crop 1: GLXMA Glycine max Variety: AG3832 Description: RR2Y	Soybean BBCH Scale: BSOY Planting Rate, Unit: 140000 S/A Depth, Unit: 1 IN Row Spacing, Unit: 30 IN	Crop Description Planting Date: 5-6-14 Planting Method: SEEDED
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Pest 1 Type: W Code: AMATA Amaranthus rudis Sauer Common Name: waterhemp, common Description: glyphosate-resistant waterhemp	Pest Description
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Treated Plot Width: 6.67 FT Total Plot Width: 10 FT Treated Plot Length: 30 FT Total Plot Length: 30 FT Replications: 4 Untreated Arrangement: INCLUDED single control randomized in each block	Site and Design Site Type: FIELD Experimental Unit: 1 PLOT Tillage Type: NOTILL no-till Study Design: RACOB L Randomized Complete Block (RCB)
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No.	Previous Crop	Year
1.	GLXMA	2013

Maintenance <table border="1"> <thead> <tr> <th>No.</th> <th>Maintenance Product Name</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>N 0 LB/A, P2O5 0 LB/A, K2O 0 LB/A</td> </tr> </tbody> </table>	No.	Maintenance Product Name	1.	N 0 LB/A, P2O5 0 LB/A, K2O 0 LB/A
No.	Maintenance Product Name			
1.	N 0 LB/A, P2O5 0 LB/A, K2O 0 LB/A			

% Sand: 15.4 % OM: 2.15 Texture: SIL silt loam % Silt: 64.7 pH: 6.9 Soil Name: Okaw % Clay: 19.9 CEC: 12.4	Soil Description
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Element	Quantity	Unit
P1	94	lb/A
K	468	lb/A

Overall Moisture Conditions: NORMAL Closest Weather Station: SOUTHERN IL AIRPORT (93810)	Moisture and Weather Conditions Distance, Unit: 1.5 MI
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Authority Maxx Weed and Crop Fit - FMC.

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No.	Date	Amount	Unit	Type	Type Description	Interval	Unit	Min Temp	Max Temp	Temp Unit
1.	4-15-14					7	DAY	31	77	F
2.	4-22-14					7	DAY	41	77	F
3.	4-24-14	1.13	IN	RAIN	rain	2	DAY			
4.	4-27-14	2.02	IN	RAIN	rain	2	DAY			
5.	4-29-14					7	DAY	39	84	F
6.	5-6-14					7	DAY	54	83	F
7.	5-8-14	1.25	IN	RAIN	rain	2	DAY			
8.	5-11-14	0.34	IN	RAIN	rain	1	DAY			
9.	5-13-14	2.53	IN	RAIN	rain	3	DAY			
10.	5-13-14					7	DAY	39	80	F
11.	5-20-14					7	DAY	46	85	F
12.	5-22-14	0.06	IN	RAIN	rain	1	DAY			
13.	5-25-14	0.07	IN	RAIN	rain	2	DAY			
14.	5-27-14					7	DAY	62	88	F
15.	5-30-14	0.09	IN	RAIN	rain	1	DAY			
16.	6-1-14	0.66	IN	RAIN	rain	2	DAY			
17.	6-3-14					7	DAY	64	88	F
18.	6-4-14	0.91	IN	RAIN	rain	1	DAY			
19.	6-7-14	0.32	IN	RAIN	rain	1	DAY			
20.	6-9-14	0.71	IN	RAIN	rain	2	DAY			
21.	6-10-14					7	DAY	51	91	F
22.	6-12-14	0.06	IN	RAIN	rain	1	DAY			
23.	6-17-14					7	DAY	69	93	F
24.	6-24-14	1.69	IN	RAIN	rain	1	DAY			
25.	6-24-14					7	DAY	67	92	F
26.	6-29-14	0.08	IN	RAIN	rain	1	DAY			
27.	7-1-14	0.81	IN	RAIN	rain	1	DAY			
28.	7-1-14					7	DAY	55	90	F
29.	7-8-14	0.15	IN	RAIN	rain	1	DAY			
30.	7-13-14	0.71	IN	RAIN	rain	2	DAY			
31.	7-15-14					7	DAY	54	85	F
32.	7-22-14					7	DAY	56	91	F
33.	7-23-14	0.16	IN	RAIN	rain	1	DAY			
34.	7-29-14					7	DAY	55	87	F
35.	8-5-14	0.13	IN	RAIN	rain	1	DAY			
36.	8-5-14					7	DAY	63	89	F
37.	8-7-14	1.95	IN	RAIN	rain	3	DAY			
38.	8-11-14	0.19	IN	RAIN	rain	1	DAY			
39.	8-12-14					7	DAY	56	84	F
40.	8-16-14	0.77	IN	RAIN	rain	2	DAY			
41.	8-19-14					7	DAY	66	93	F
42.	8-26-14					7	DAY	68	94	F
43.	8-28-14	0.02	IN	RAIN	rain	1	DAY			
44.	8-30-14	0.49	IN	RAIN	rain	1	DAY			
45.	9-2-14					7	DAY	50	93	F
46.	9-9-14					7	DAY	43	85	F
47.	9-10-14	1.96	IN	RAIN	rain	2	DAY			
48.	9-16-14					7	DAY	43	85	F
49.	9-21-14	0.07	IN	RAIN	rain	1	DAY			
50.	9-23-14					7	DAY	42	86	F
51.	9-30-14					7	DAY	35	86	F
52.	10-2-14	0.52	IN	RAIN	rain	2	DAY			
53.	10-6-14	0.08	IN	RAIN	rain	2	DAY			
54.	10-7-14					7	DAY	45	81	F
55.	10-9-14	0.66	IN	RAIN	rain	4	DAY			
56.	10-13-14	0.98	IN	RAIN	rain	3	DAY			
57.	10-14-14					7	DAY	35	76	F
58.	10-21-14					7	DAY	33	81	F
59.	10-28-14	0.55	IN	RAIN	rain	1	DAY			
60.	10-28-14					7	DAY	22	70	F
61.	11-4-14	0.84	IN	RAIN	rain	1	DAY			
62.	11-4-14					7	DAY	24	69	F

Authority Maxx Weed and Crop Fit - FMC.

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Application Description

	A	B
Application Date:	5-6-14	5-28-14
Appl. Start Time:	10:40	12:00
Appl. Stop Time:	11:20	12:30
Application Method:	Spray	Spray
Application Timing:	PRE	2-3"GR
Application Placement:	BROSOI	BROFOL
Applied By:	LXF	RJW
Air Temperature, Unit:	87 F	79 F
% Relative Humidity:	46	67
Wind Velocity, Unit:	2 MPH	5 MPH
Wind Direction:	W	E
Dew Presence (Y/N):	N	N
Soil Temperature, Unit:	73 F	77 F
Soil Moisture:	NORMAL	NORMAL
% Cloud Cover:	10	25
Next Moisture Occurred On:	5-8-14	5-30-14
Time to Next Moisture, Unit:	2 DAY	2 DAY

Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	GLXMA	GLXMA
Stage Scale Used:	DESC	DESC
Stage Majority, Percent:	NA	V2
Stage Minimum, Percent:		V1
Stage Maximum, Percent:		V2
Height, Unit:		4 IN
Height Minimum, Maximum:		3 4

Pest Stage At Each Application

	A	B
Pest 1 Code, Type, Scale:	AMATA W	AMATA W
Stage Majority, Percent:	NA	NA

Application Equipment

	A	B
Appl. Equipment:	CO2 sprayer	CO2 sprayer
Equipment Type:	BACSPR	BACSPR
Operation Pressure, Unit:	30 PSI	30 PSI
Nozzle Type:	XR	XR
Nozzle Size:	8002	8002
Boom Length, Unit:	6.67 FT	6.67 FT
Spray Volume, Unit:	15 GPA	15 GPA

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Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval						GLXMA 10-30-14 Moisture Percent	GLXMA 10-30-14 Test wt. lb/bu	GLXMA 10-30-14 Yield bu/A	GLXMA 5-21-14 Injury Percent 15 DA-A	GLXMA 6-5-14 Injury Percent 30 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Other Rate	Other Rate	Growth Unit	Appl Stage	Code	
1	AUTHORITY MAXX SELECT MAX COC (PRIME OIL) N-PAK AMS	66 WG 0.97 EC 100 SL 100 SL		0.268 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	6.5 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB			16.0 a 56.1 a 37 a 10 bc 12 ab
2	AUTHORITY MAXX SELECT MAX COC (PRIME OIL) N-PAK AMS	66 WG 0.97 EC 100 SL 100 SL		0.33 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	8 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB			16.0 a 56.1 a 29 a 17 a 15 a
3	AUTHORITY XL SELECT MAX COC (PRIME OIL) N-PAK AMS	70 WG 0.97 EC 100 SL 100 SL		0.228 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	5.2 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB			16.4 a 55.9 a 37 a 12 ab 12 ab
4	VALOR XLT SELECT MAX COC (PRIME OIL) N-PAK AMS	40.3 WG 0.97 EC 100 SL 100 SL		0.101 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	4 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB			16.2 a 56.0 a 33 a 6 cd 1 c
5	AUTHORITY FIRST DF SELECT MAX COC (PRIME OIL) N-PAK AMS	70 WG 0.97 EC 100 SL 100 SL		0.28 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	6.4 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB			15.9 a 56.2 a 46 a 17 a 15 a
6	VALOR SX FIRSTRATE SELECT MAX COC (PRIME OIL) N-PAK AMS	51 WG 84 WG 0.97 EC 100 SL 100 SL		0.096 lb ai/a 0.0315 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	3 oz/a 0.6 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A PRE A 2-3"GRB 2-3"GRB 2-3"GRB			16.3 a 55.9 a 33 a 11 b 6 bc
7	OPTILL PRO (CO-PACK) OPTILL OUTLOOK SELECT MAX COC (PRIME OIL) N-PAK AMS	68 WG 6 EC 0.97 EC 100 SL 100 SL		0.085 lb ai/a 0.47 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	2 oz/a 10 fl oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A PRE A 2-3"GRB 2-3"GRB 2-3"GRB			16.4 a 55.9 a 38 a 9 bc 6 bc
8	OPTILL PROWL H2O SELECT MAX COC (PRIME OIL) N-PAK AMS	68 WG 3.8 CS 0.97 EC 100 SL 100 SL		0.085 lb ai/a 0.71 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	2 oz/a 1.5 pt/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A PRE A 2-3"GRB 2-3"GRB 2-3"GRB			16.1 a 56.0 a 34 a 8 bcd 1 c
9	AUTHORITY ELITE SELECT MAX COC (PRIME OIL) N-PAK AMS	7 SC 0.97 EC 100 SL 100 SL		1.75 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	32 fl oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB			16.7 a 55.7 a 41 a 9 bc 1 c
10	PREFIX SELECT MAX COC (PRIME OIL) N-PAK AMS	5.29 EC 0.97 EC 100 SL 100 SL		1.32 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	2 pt/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB			15.8 a 56.1 a 44 a 5 cde 3 c
11	FIERCE SELECT MAX COC (PRIME OIL) N-PAK AMS	76 WG 0.97 EC 100 SL 100 SL		0.143 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	3 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB			16.4 a 55.9 a 32 a 9 bc 0 c
12	FIERCE XLT SELECT MAX COC (PRIME OIL) N-PAK AMS	55.68 WG 0.97 EC 100 SL 100 SL		0.13 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	3.75 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB			16.0 a 56.1 a 32 a 13 ab 17 a

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Missing data estimates are included in columns: Average=10,11

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Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval							GLXMA 10-30-14 Moisture Percent	GLXMA 10-30-14 Test wt. lb/bu	GLXMA 10-30-14 Yield bu/A	GLXMA 5-21-14 Injury Percent 15 DA-A	GLXMA 6-5-14 Injury Percent 30 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
13	INTIMIDATOR	4.81	SL	1.5 lb ai/a	2.5	pt/a	PRE	A	15.8 a	56.1 a	43 a
	AUTHORITY XL	70	WG	0.14 lb ai/a	3.2	oz/a	PRE	A			3 de
	SELECT MAX	0.97	EC	0.156 lb ai/a	20.6	fl oz/a	2-3"	GRB			5 bc
	COC (PRIME OIL)	100	SL	1 % v/v	1 %	v/v	2-3"	GRB			
	N-PAK AMS	100	SL	2.5 % v/v	2.5 %	v/v	2-3"	GRB			
14	NONTREATED								15.9 a	56.0 a	38 a
										0 e	0 c
LSD (P=.05)							0.69	0.31	11.3	5.0	7.2
Standard Deviation							0.48	0.22	7.9	3.5	5.0
CV							2.98	0.39	21.35	37.56	76.62
Replicate F							1.050	2.080	0.599	2.135	2.626
Replicate Prob(F)							0.3812	0.1186	0.6194	0.1153	0.0652
Treatment F							1.236	1.262	1.644	7.434	5.862
Treatment Prob(F)							0.2923	0.2766	0.1144	0.0001	0.0001

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Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval										AMATA-HR	AMATA-HR	AMATA-HR
										6-5-14 Control Percent	7-5-14 Control Percent	8-4-14 Control Percent
										30 DA-A	60 DA-A	90 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Unit	Growth Stage	Appl Code			
1	AUTHORITY MAXX SELECT MAX COC (PRIME OIL) N-PAK AMS	66 WG 0.97 EC 100 SL 100 SL		0.268 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a v/v v/v	6.5 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB		91 a	3 b	0 a
2	AUTHORITY MAXX SELECT MAX COC (PRIME OIL) N-PAK AMS	66 WG 0.97 EC 100 SL 100 SL		0.33 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a v/v v/v	8 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB		93 a	0 c	0 a
3	AUTHORITY XL SELECT MAX COC (PRIME OIL) N-PAK AMS	70 WG 0.97 EC 100 SL 100 SL		0.228 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a v/v v/v	5.2 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB		88 a	0 c	0 a
4	VALOR XLT SELECT MAX COC (PRIME OIL) N-PAK AMS	40.3 WG 0.97 EC 100 SL 100 SL		0.101 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a v/v v/v	4 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB		77 ab	0 c	0 a
5	AUTHORITY FIRST DF SELECT MAX COC (PRIME OIL) N-PAK AMS	70 WG 0.97 EC 100 SL 100 SL		0.28 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a v/v v/v	6.4 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB		95 a	6 a	0 a
6	VALOR SX FIRSTRATE SELECT MAX COC (PRIME OIL) N-PAK AMS	51 WG 84 WG 0.97 EC 100 SL 100 SL		0.096 lb ai/a 0.0315 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a ai/a v/v v/v	3 oz/a 0.6 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A PRE A 2-3"GRB 2-3"GRB 2-3"GRB		68 bc	0 c	0 a
7	OPTILL PRO (CO-PACK) OPTILL OUTLOOK SELECT MAX COC (PRIME OIL) N-PAK AMS	68 WG 6 EC 0.97 EC 100 SL 100 SL		0.085 lb ai/a 0.47 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a ai/a v/v v/v	2 oz/a 10 fl oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A PRE A PRE A 2-3"GRB 2-3"GRB 2-3"GRB		6 de	1 bc	0 a
8	OPTILL PROWL H2O SELECT MAX COC (PRIME OIL) N-PAK AMS	68 WG 3.8 CS 0.97 EC 100 SL 100 SL		0.085 lb ai/a 0.71 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a ai/a v/v v/v	2 oz/a 1.5 pt/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A PRE A 2-3"GRB 2-3"GRB 2-3"GRB		21 d	0 c	0 a
9	AUTHORITY ELITE SELECT MAX COC (PRIME OIL) N-PAK AMS	7 SC 0.97 EC 100 SL 100 SL		1.75 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a v/v v/v	32 fl oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB		81 ab	0 c	0 a
10	PREFIX SELECT MAX COC (PRIME OIL) N-PAK AMS	5.29 EC 0.97 EC 100 SL 100 SL		1.32 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a v/v v/v	2 pt/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB		20 d	0 c	0 a
11	FIERCE SELECT MAX COC (PRIME OIL) N-PAK AMS	76 WG 0.97 EC 100 SL 100 SL		0.143 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a v/v v/v	3 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB		57 c	0 c	0 a
12	FIERCE XLT SELECT MAX COC (PRIME OIL) N-PAK AMS	55.68 WG 0.97 EC 100 SL 100 SL		0.13 lb ai/a 0.156 lb ai/a 1 % v/v 2.5 % v/v	ai/a ai/a v/v v/v	3.75 oz/a 20.6 fl oz/a 1 % v/v 2.5 % v/v		PRE A 2-3"GRB 2-3"GRB 2-3"GRB		83 ab	0 c	0 a

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Pest Code										AMATA-HR	AMATA-HR	AMATA-HR
Crop Code										6-5-14	7-5-14	8-4-14
Rating Date										Control	Control	Control
Rating Type										Percent	Percent	Percent
Rating Unit												
Rating Timing												
Trt-Eval Interval										30 DA-A	60 DA-A	90 DA-A
Trt Treatment	Form	Form	Rate	Other	Other	Growth	Appl					
No. Name	Conc	Type	Rate	Unit	Rate	Rate	Unit	Stage	Code			
13 INTIMIDATOR	4.81	SL	1.5	lb ai/a	2.5	pt/a		PRE	A	85 ab	1 bc	0 a
AUTHORITY XL	70	WG	0.14	lb ai/a	3.2	oz/a		PRE	A			
SELECT MAX	0.97	EC	0.156	lb ai/a	20.6	fl oz/a		2-3"GR	B			
COC (PRIME OIL)	100	SL	1%	v/v	1%	v/v		2-3"GR	B			
N-PAK AMS	100	SL	2.5%	v/v	2.5%	v/v		2-3"GR	B			
14 NONTREATED										0 e	0 c	0 a
LSD (P=.05)										18.4	2.5	0.0
Standard Deviation										12.9	1.7	0.0
CV										20.87	214.27	0.0
Replicate F										4.199	1.757	0.000
Replicate Prob(F)										0.0114	0.1714	1.0000
Treatment F										28.917	4.089	0.000
Treatment Prob(F)										0.0001	0.0003	1.0000

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Trial Comments

1. Protocol: FMC (Auth Maxx Weed Crop Fit).
2. Ratings: CI 15 and 30 DA-A; WC 30, 60, and 90 DA-A.
3. Yield if possible.
4. Photos.
5. Applications B is 2-3 inch grassy weeds, consider a blanket to all plots 10 ft wide.
6. AMATA-HR = Herbicide-resistant waterhemp (glyphosate).
7. Following the PRE application, rainfall was 4.12 inch within the next 9 days.
8. Soybean crop emerged by 5-12-14 however some plots had poor emergence and a crop injury rating was not possible for all plots on 5-21-14 (missing data).
9. Harvested 10-30-14, (2) 30 inch rows by 27 ft.