

Soybean, Tilled Weed Control Studies

12-12-06 (06-6A-E150)

Southern Illinois University

Residual Control with Chlorimuron in Soybean.

Project Code: 06-6A-E150 Location: Belleville Research Center
Investigator: Bryan Young

Investigator: Bryan Young, Associate Professor, Southern Illinois University

City State Zip Country: Belleville IL 62221 USA
Trial Status: Final Updated: 8-4-06

Objective:

Compare the efficacy of chlorimuron in a reduced-till Roundup Ready soybean system.

Weed Code	Common Name	Scientific Name
1.	SETFA foxtail, giant	Setaria faberi Herrm.
2.	ABUTH velvetleaf	Abutilon theophrasti Medicus
3.	XANST cocklebur, common	Xanthium strumarium L.
4.	AMATA waterhemp, common	Amaranthus rudis Sauer

Crop 1:	GLXMA soybean	Variety:	Asgrow 4403 RR
Planting Method:	Seeded	Planting Date:	5-24-06
Rate:	75 lb/A	Depth:	1.0 IN
Row Spacing:	30 IN		

Plot Width, Unit:	10 FT	Plot Length, Unit:	25 FT	Reps:	3
Tillage Type:	Reduced-Till	Study Design:	Randomized complete block		
Previous Crop, Year:	ZEAMX, 2005				
Field Prep./Maintenance:	N 0 LB/A, P205 0 LB/A, K20 100 LB/A				

Soil Name:	Stoy	% OM:	1.6	pH:	6.3	CEC:	7
Texture:	Silt loam	Fert. Level:	P1: 105 LB/A, K: 448 LB/A				

APPLICATION DESCRIPTION

	A	B
Application Date:	5-25-06	6-13-06
Time of Day:	6:30	13:00
Application Method:	Spray	Spray
Application Timing:	PRE	2-4"W
Applic. Placement:	BROSOI	BROFOL
Air Temp., Unit:	80 F	76 F
% Relative Humidity:	94	54
Wind Velocity, Unit:	2-5 MPH	2-5 MPH
Soil Moisture:	ABONOR	NORMAL

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	GLXMA NA	GLXMA V2
Height, Unit:	NA NA	3 IN

WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code:		SETFA
Stage (leaves):		2-4
Height (inches):		2-6
Density:		High
Weed 2 Code:		ABUTH
Stage (leaves):		2-4
Height (inches):		0-6
Density:		High
Weed 3 Code:		XANST
Stage (leaves):		2-6
Height (inches):		1-6
Density:		High
Weed 4 Code:		AMATA
Stage (leaves):		2-5
Height (inches):		0-3
Density:		Low

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	CO2 sprayer	CO2 sprayer
Operating Pressure:	40 PSI	40 PSI
Nozzle Type:	Flat fan	Flat fan
Nozzle Size:	8003	8002
Boom Length, Unit:	7.5 FT	7.5 FT
Spray Volume, Unit:	20 GPA	20 GPA

NOTES:

Residual Control with Chlorimuron in Soybean.

Project Code: 06-6A-E150 Location: Belleville Research Center
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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA	GLXMA	GLXMA	SETFA	SETFA	ABUTH	XANST	XANST
										Injury Percent	Injury Percent	Injury Percent	Control Percent	Control Percent	Control Percent	Control Percent	Control Percent
										6-7-06	6-21-06	7-19-06	6-8-06	7-11-06	6-8-06	6-8-06	7-11-06
										14 DAP	28 DAP	56 DAP	-5 DAB	28 DAB	-5 DAB	-5 DAB	28 DAB
1	SYNCHRONY XP	28.4	WG			1.125	oz/a	PRE	A	0	0	0	0	94	12	3	83
1	->CLASSIC	25	WG	0.0151	lb ai/a			PRE	A								
1	->HARMONY GT XP	75	WG	0.0049	lb ai/a			PRE	A								
1	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
1	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
2	CANOPY EX	29.5	WG			1.1	oz/a	PRE	A	0	0	0	30	95	50	62	90
2	->CLASSIC	25	WG	0.0156	lb ai/a			PRE	A								
2	->EXPRESS	50	SG	0.0047	lb ai/a			PRE	A								
2	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
2	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
3	CANOPY	75	WG	0.103	lb ai/a		2.2 oz/a	PRE	A	0	0	0	0	91	0	0	87
3	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
3	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
4	PREVIEW	75	WG			3.7	oz/a	PRE	A	1	0	0	43	94	72	43	86
4	->CLASSIC	25	WG	0.0151	lb ai/a			PRE	A								
4	->SENCOR	75	WG	0.1581	lb ai/a			PRE	A								
4	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
4	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
5	LOROX PLUS	60	WG			8	oz/a	PRE	A	0	0	0	67	93	88	55	89
5	->CLASSIC	25	WG	0.0155	lb ai/a			PRE	A								
5	->LINEX	4	L	0.2844	lb ai/a			PRE	A								
5	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
5	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
6	CANOPY XL	56.3	WG			2.5	oz/a	PRE	A	1	0	0	60	94	75	68	88
6	->CLASSIC	25	WG	0.0147	lb ai/a			PRE	A								
6	->AUTHORITY	75	WG	0.073	lb ai/a			PRE	A								
6	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
6	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
7	CLASSIC	25	WG	0.0156	lb ai/a		1 oz/a	PRE	A	0	0	0	62	96	62	85	91
7	VALOR SX	51	WG	0.047	lb ai/a		1.47 oz/a	PRE	A								
7	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
7	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
8	SYNCHRONY XP	28.4	WG			1.125	oz/a	PRE	A	63	53	40	96	93	98	83	90
8	->CLASSIC	25	WG	0.0151	lb ai/a			PRE	A								
8	->HARMONY GT XP	75	WG	0.0049	lb ai/a			PRE	A								
8	KARMEX	80	WG	0.8	lb ai/a		1 lb/a	PRE	A								
8	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
8	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
9	SYNCHRONY XP	28.4	WG			2	oz/a	PRE	A	0	0	0	15	94	73	75	90
9	->CLASSIC	25	WG	0.027	lb ai/a			PRE	A								
9	->HARMONY GT XP	75	WG	0.0086	lb ai/a			PRE	A								
9	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
9	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
10	CANOPY EX	29.5	WG			1.9	oz/a	PRE	A	0	0	0	5	94	47	65	87
10	->CLASSIC	25	WG	0.0269	lb ai/a			PRE	A								
10	->EXPRESS	50	SG	0.008	lb ai/a			PRE	A								
10	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
10	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
11	CANOPY	75	WG	0.187	lb ai/a		4 oz/a	PRE	A	2	0	0	60	96	87	82	92
11	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
11	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
12	PREVIEW	75	WG			6.6	oz/a	PRE	A	1	0	0	75	92	88	85	90
12	->CLASSIC	25	WG	0.0268	lb ai/a			PRE	A								
12	->SENCOR	75	WG	0.2825	lb ai/a			PRE	A								
12	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
12	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								
13	LOROX PLUS	60	WG			13.9	oz/a	PRE	A	4	0	0	99	91	99	91	92
13	->CLASSIC	25	WG	0.0269	lb ai/a			PRE	A								
13	->LINEX	4	L	0.4938	lb ai/a			PRE	A								
13	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	2-4"	W B								
13	AMS	100	DRY	2.0	% w/w		17 lb/100 gal	2-4"	W B								

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Weed Code										SETFA	SETFA	ABUTH	XANST	XANST
Crop Code										GLXMA	GLXMA	GLXMA		
Rating Data Type										Injury	Injury	Injury	Control	Control
Rating Unit										Percent	Percent	Percent	Percent	Percent
Rating Date										6-7-06	6-21-06	7-19-06	6-8-06	7-11-06
Trt-Eval Interval										14 DAP	28 DAP	56 DAP	-5 DAB	28 DAB

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code								
14	CANOPY XL	56.3	WG			4.5	oz/a	PRE	A	1	0	0	80	93	82	80	91
14	->CLASSIC	25	WG	0.0264	lb ai/a			PRE	A								
14	->AUTHORITY	75	WG	0.132	lb ai/a			PRE	A								
14	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B								
14	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B								
15	CLASSIC	25	WG	0.0266	lb ai/a	1.7	oz/a	PRE	A	10	6	2	80	90	92	85	91
15	VALOR SX	51	WG	0.0794	lb ai/a	2.5	oz/a	PRE	A								
15	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B								
15	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B								
16	SYNCHRONY XP	28.4	WG			2	oz/a	PRE	A	63	42	39	98	91	99	88	86
16	->CLASSIC	25	WG	0.027	lb ai/a			PRE	A								
16	->HARMONY GT XP	75	WG	0.0086	lb ai/a			PRE	A								
16	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	PRE	A								
16	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B								
16	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B								
17	LINEX	4	L	0.5	lb ai/a	1	pt/a	PRE	A	0	0	0	93	87	90	32	78
17	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B								
17	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B								
18	LINEX	4	L	0.75	lb ai/a	1.5	pt/a	PRE	A	3	0	0	98	88	88	60	67
18	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B								
18	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B								
19	SENCOR	75	WG	0.281	lb ai/a	6	oz/a	PRE	A	0	0	0	45	92	85	0	79
19	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B								
19	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B								
20	NONTREATED									0	0	0	0	0	0	0	0
21	LINEX	4	L	0.375	lb ai/a	0.75	pt/a	PRE	A	1	2	0	68	86	90	47	91
21	SYNCHRONY XP	28.4	WG			0.33	oz/a	2-4"	W B								
21	->CLASSIC	25	WG	0.00444	lb ai/a			2-4"	W B								
21	->HARMONY GT XP	75	WG	0.00142	lb ai/a			2-4"	W B								
21	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B								
21	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B								
22	LINEX	4	L	0.5	lb ai/a	1.0	pt/a	PRE	A	0	3	5	90	88	92	48	86
22	SYNCHRONY XP	28.4	WG			0.33	oz/a	2-4"	W B								
22	->CLASSIC	25	WG	0.00444	lb ai/a			2-4"	W B								
22	->HARMONY GT XP	75	WG	0.00142	lb ai/a			2-4"	W B								
22	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B								
22	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B								
LSD (P=.05)										6.3	5.7	3.6	21.5	5.2	8.2	23.1	7.3
Replicate F										1.339	1.661	1.522	2.837	0.608	1.250	1.195	3.775
Replicate Prob(F)										0.2730	0.2021	0.2302	0.0699	0.5492	0.2969	0.3129	0.0311
Treatment F										69.155	49.303	83.281	21.843	117.360	115.831	14.953	57.786
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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Investigator: Bryan Young

Weed Code	AMATA	AMATA	IPOSS
Crop Code			
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Date	6-8-06	7-11-06	7-11-06
Trt-Eval Interval	-5 DAB	28 DAB	28 DAB

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code			
1	SYNCHRONY XP	28.4	WG			1.125	oz/a	PRE	A	10	93	94
1	->CLASSIC	25	WG	0.0151	lb ai/a			PRE	A			
1	->HARMONY GT XP	75	WG	0.0049	lb ai/a			PRE	A			
1	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
1	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
2	CANOPY EX	29.5	WG			1.1	oz/a	PRE	A	12	96	97
2	->CLASSIC	25	WG	0.0156	lb ai/a			PRE	A			
2	->EXPRESS	50	SG	0.0047	lb ai/a			PRE	A			
2	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
2	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
3	CANOPY	75	WG	0.103	lb ai/a	2.2	oz/a	PRE	A	0	98	96
3	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
3	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
4	PREVIEW	75	WG			3.7	oz/a	PRE	A	88	98	95
4	->CLASSIC	25	WG	0.0151	lb ai/a			PRE	A			
4	->SENCOR	75	WG	0.1581	lb ai/a			PRE	A			
4	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
4	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
5	LOROX PLUS	60	WG			8	oz/a	PRE	A	88	97	97
5	->CLASSIC	25	WG	0.0155	lb ai/a			PRE	A			
5	->LINEX	4	L	0.2844	lb ai/a			PRE	A			
5	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
5	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
6	CANOPY XL	56.3	WG			2.5	oz/a	PRE	A	93	97	97
6	->CLASSIC	25	WG	0.0147	lb ai/a			PRE	A			
6	->AUTHORITY	75	WG	0.073	lb ai/a			PRE	A			
6	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
6	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
7	CLASSIC	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A	63	96	96
7	VALOR SX	51	WG	0.047	lb ai/a	1.47	oz/a	PRE	A			
7	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
7	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
8	SYNCHRONY XP	28.4	WG			1.125	oz/a	PRE	A	96	99	95
8	->CLASSIC	25	WG	0.0151	lb ai/a			PRE	A			
8	->HARMONY GT XP	75	WG	0.0049	lb ai/a			PRE	A			
8	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	PRE	A			
8	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
8	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
9	SYNCHRONY XP	28.4	WG			2	oz/a	PRE	A	90	97	96
9	->CLASSIC	25	WG	0.027	lb ai/a			PRE	A			
9	->HARMONY GT XP	75	WG	0.0086	lb ai/a			PRE	A			
9	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
9	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
10	CANOPY EX	29.5	WG			1.9	oz/a	PRE	A	60	97	94
10	->CLASSIC	25	WG	0.0269	lb ai/a			PRE	A			
10	->EXPRESS	50	SG	0.008	lb ai/a			PRE	A			
10	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
10	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
11	CANOPY	75	WG	0.187	lb ai/a	4	oz/a	PRE	A	90	96	96
11	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
11	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
12	PREVIEW	75	WG			6.6	oz/a	PRE	A	92	95	93
12	->CLASSIC	25	WG	0.0268	lb ai/a			PRE	A			
12	->SENCOR	75	WG	0.2825	lb ai/a			PRE	A			
12	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
12	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			
13	LOROX PLUS	60	WG			13.9	oz/a	PRE	A	99	98	95
13	->CLASSIC	25	WG	0.0269	lb ai/a			PRE	A			
13	->LINEX	4	L	0.4938	lb ai/a			PRE	A			
13	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"	W B			
13	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"	W B			

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 Investigator: Bryan Young

Weed Code	AMATA	AMATA	IPOSS
Crop Code			
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Date	6-8-06	7-11-06	7-11-06
Trt-Eval Interval	-5 DAB	28 DAB	28 DAB

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code			
14	CANOPY XL	56.3	WG			4.5	oz/a	PRE	A	90	98	97
14	->CLASSIC	25	WG	0.0264	lb ai/a			PRE	A			
14	->AUTHORITY	75	WG	0.132	lb ai/a			PRE	A			
14	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W	B			
14	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"W	B			
15	CLASSIC	25	WG	0.0266	lb ai/a	1.7	oz/a	PRE	A	95	98	95
15	VALOR SX	51	WG	0.0794	lb ai/a	2.5	oz/a	PRE	A			
15	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W	B			
15	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"W	B			
16	SYNCHRONY XP	28.4	WG			2	oz/a	PRE	A	99	99	96
16	->CLASSIC	25	WG	0.027	lb ai/a			PRE	A			
16	->HARMONY GT XP	75	WG	0.0086	lb ai/a			PRE	A			
16	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	PRE	A			
16	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W	B			
16	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"W	B			
17	LINEX	4	L	0.5	lb ai/a	1	pt/a	PRE	A	90	99	94
17	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W	B			
17	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"W	B			
18	LINEX	4	L	0.75	lb ai/a	1.5	pt/a	PRE	A	88	99	95
18	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W	B			
18	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"W	B			
19	SENCOR	75	WG	0.281	lb ai/a	6	oz/a	PRE	A	90	96	95
19	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W	B			
19	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"W	B			
20	NONTREATED									0	0	0
21	LINEX	4	L	0.375	lb ai/a	0.75	pt/a	PRE	A	90	98	92
21	SYNCHRONY XP	28.4	WG			0.33	oz/a	2-4"W	B			
21	->CLASSIC	25	WG	0.00444	lb ai/a			2-4"W	B			
21	->HARMONY GT XP	75	WG	0.00142	lb ai/a			2-4"W	B			
21	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W	B			
21	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"W	B			
22	LINEX	4	L	0.5	lb ai/a	1.0	pt/a	PRE	A	90	98	90
22	SYNCHRONY XP	28.4	WG			0.33	oz/a	2-4"W	B			
22	->CLASSIC	25	WG	0.00444	lb ai/a			2-4"W	B			
22	->HARMONY GT XP	75	WG	0.00142	lb ai/a			2-4"W	B			
22	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W	B			
22	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	2-4"W	B			
LSD (P=.05)										9.5	2.7	4.0
Replicate F										1.585	0.284	0.010
Replicate Prob(F)										0.2169	0.7540	0.9899
Treatment F										105.013	466.778	206.819
Treatment Prob(F)										0.0001	0.0001	0.0001

Trial Comments

1. Protocol: DuPont.
2. Ratings: CI 14, 28 + 56 DAP; WC prior to POST and 28 DA POST.
3. Spraying instructions at application "B": The 2-4"W timing should not be any sooner than 28-42 DAP.
4. DAP = Days after planting. DA-B = Days after 2-4"W application.
Ratings at -5 DA-B are prior to POST.
5. IPOSS was IPOHE (ivyleaf morningglory) and IPOLA (pitted morningglory).
6. Not harvested.