

MSU Weed Science Research Program

Comparison of Different Weed Control Programs Containing CE

Trial ID: SOY03-06
 Conducted: T-10

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Date Planted: 5/8/2006	Row Spacing: 30 IN
Variety: Pioneer 91M91	No. of Reps: 4
Population: 152,000 seeds/acre	% OM: 2.4
Soil Type: Sandy Loam	pH: 7.8
Plot Size: 10 X 35 FT	Design: RANDOMIZED COMPLETE BLOCK

Tillage: Fall Moldboard Plow
 Spring Soil Finish X 2 5/8/06

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1.	AMBEL	RAGWEED, COMMON	AMBROSIA ELATIOR L.
2.	SOLPT	NIGHTSHADE, EASTERN BLACK	SOLANUM PTYCANTHUM DUNAL
3.	ANGR	Annual grass	mainly foxtail, panicum
4.	ABUTH	Velvetleaf	Abutilon theophrasti M.
5.	CHEAL	Common lambsquarters	Chenopodium album L.
6.	BRAKA/SINAR	MUSTARD, WILD	BRASSICA KABER

Crop	Code	Common Name
1.	GLXMA	SOYBEAN

Application Description

	A	B
Application Timing:	PRE	POST
Date Treated:	5/9/2006	6/20/2006
Time Treated:	8:30	
% Cloud Cover:	10	0
Air Temp., Unit:	54 F	65 F
% Relative Humidity:	54	63
Wind Speed/Unit/Dir:	6 mph E	5 mph N
Soil Temp., Unit:	55 F	66 F
Soil/Leaf Surface M:	5 -	3 5
Soil Moist (1=w 5=d):	5	3

Crop Stage at Each Application

	A	B
Crop Name:	GLXMA	GLXMA
Height (In.):		4"-8"
Stage (L):		2-4 tri

Weed Stage at Each Application

	A	B
Weed 1 Name:	AMBEL	AMBEL
Height (In.):	-	1/2"-5"
Stage (L):	-	4-many
Weed 2 Name:	SOLPT	SOLPT
Height (In.):	-	1/4"-5"
Stage (L):	-	2-many
Weed 3 Name:	ANGR	ANGR
Height (In.):	-	1/2"-6"
Stage (L):	-	2-6
Weed 4 Name:	ABUTH	ABUTH
Height (In.):	-	1/4"-3"
Stage (L):	-	coty-4
Weed 5 Name:	CHEAL	CHEAL
Height (In.):	-	1/2"-4"
Stage (L):	-	4-many
Weed 6 Name:	BRAKA/SINAR	BRAKA/SINAR
Height (In.):	-	6"-18"
Stage (L):	-	flowering

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Weed Density (plants/sq. ft.)

	1	2	3	4	5
Date:	7/21/2006	7/21/2006	7/21/2006	7/21/2006	7/21/2006
Weed Name:	CHEAL	ABUTH	ANGR	AMARE	AMBLE
Density:	1	<1	2	<1	<1

Application Equipment

Appl	Sprayer	Speed	Nozzle	Nozzle	Nozzle	Nozzle	Boom			
	Type	MPH	Type	Size	Height	Spacing	Width	GPA	Carrier	PSI
A	CUB	3.8	AirMix	11003	20"	20"	100"	19	water	27
B	Cub	3.8	AirMix	11003	22"	20"	100"	19	water	27

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Weed Code							ANGR	CHEAL	AMARE	AMBEL	ABUTH	BRAKA
Crop Code						GLXMA						
Rating Data Type						injury	control	control	control	control	control	control
Rating Unit						percent	percent	percent	percent	percent	percent	percent
Rating Date						6/9/2006	6/9/2006	6/9/2006	6/9/2006	6/9/2006	6/9/2006	6/9/2006
Trt-Eval Interval						31 DA-A	31 DA-A	31 DA-A	31 DA-A	31 DA-A	31 DA-A	31 DA-A

Trt No.	Treatment Name	Form Conc	Rate	Unit	Grow Stg	Appl Code							
1	Synchrony XP (1.125 oz/A)						3	60	99	99	78	98	99
1	Classic	25	0.97	oz/a	PRE	A							
1	Harmony GT (50%)	50	0.16	oz/a	PRE	A							
1	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
1	AMS		17	lb/100 gal	POST	B							
2	Canopy EX (1.1 oz/A)						0	53	99	99	84	98	99
2	Classic	25	1	oz/a	PRE	A							
2	Express (50%)	50	0.15	oz/a	PRE	A							
2	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
2	AMS		17	lb/100 gal	POST	B							
3	Canopy (2.2 oz/A)	75	2.2	oz/a	PRE	A	6	64	99	99	82	97	99
3	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
3	AMS		17	lb/100 gal	POST	B							
4	Preview (3.7 oz/A)						5	66	99	99	83	97	98
4	Classic	25	0.96	oz/a	PRE	A							
4	Sencor 75 DF	75	3.37	oz/a	PRE	A							
4	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
4	AMS		17	lb/100 gal	POST	B							
5	Lorox Plus (8 oz/A)						6	78	99	99	89	97	99
5	Classic	25	0.99	oz/a	PRE	A							
5	Linex	4	9.1	fl oz/a	PRE	A							
5	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
5	AMS		17	lb/100 gal	POST	B							
6	Canopy XL (2.5 oz/A)						3	60	99	99	81	98	98
6	Classic	25	0.94	oz/a	PRE	A							
6	Authority	75	1.56	oz/a	PRE	A							
6	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
6	AMS		17	lb/100 gal	POST	B							
7	Classic	25	1	oz/a	PRE	A	16	98	99	99	99	99	99
7	Valor	51	1.5	oz/a	PRE	A							
7	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
7	AMS		17	lb/100 gal	POST	B							
8	Synchrony XP (1.125 oz/A)						35	99	99	99	99	96	99
8	Classic	25	0.97	oz/a	PRE	A							
8	Harmony GT (50%)	50	0.16	oz/a	PRE	A							
8	Karmex	80	1	lb/a	PRE	A							
8	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
8	AMS		17	lb/100 gal	POST	B							
9	Untreated						0	0	0	0	0	0	0
9	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
9	AMS		17	lb/100 gal	POST	B							
10	Synchrony XP (2 oz/A)						9	70	99	99	86	98	99
10	Classic	25	1.72	oz/a	PRE	A							
10	Harmony GT (50%)	50	0.276	oz/a	PRE	A							
10	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
10	AMS		17	lb/100 gal	POST	B							
11	Canopy EX (1.9 oz/A)						10	69	99	99	87	96	99
11	Classic	25	1.72	oz/a	PRE	A							
11	Express (50%)	50	0.26	oz/a	PRE	A							
11	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
11	AMS		17	lb/100 gal	POST	B							

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Crop Code							GLXMA					
Rating Data Type							injury	control	control	control	control	control
Rating Unit							percent	percent	percent	percent	percent	percent
Rating Date							6/9/2006	6/9/2006	6/9/2006	6/9/2006	6/9/2006	6/9/2006
Trt-Eval Interval							31 DA-A	31 DA-A	31 DA-A	31 DA-A	31 DA-A	31 DA-A

Trt No.	Treatment Name	Form Conc	Rate	Unit	Grow Stg	Appl Code							
12	Canopy (4 oz/A)	75	4	oz/a	PRE	A	5	76	99	99	85	98	99
12	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
12	AMS		17	lb/100 gal	POST	B							
13	Preview (6.6 oz/A)						9	68	99	99	88	98	99
13	Classic	25	1.72	oz/a	PRE	A							
13	Sencor 75 DF	75	6	oz/a	PRE	A							
13	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
13	AMS		17	lb/100 gal	POST	B							
14	Lorox Plus (13.9 oz/A)						15	94	99	99	98	98	99
14	Classic	25	1.72	oz/a	PRE	A							
14	Linex	4	15.8	fl oz/a	PRE	A							
14	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
14	AMS		17	lb/100 gal	POST	B							
15	Canopy XL (4.5 oz/A)						5	64	99	99	83	99	99
15	Classic	25	1.69	oz/a	PRE	A							
15	Authority	75	2.81	oz/a	PRE	A							
15	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
15	AMS		17	lb/100 gal	POST	B							
16	Classic	25	1.7	oz/a	PRE	A	29	99	99	99	99	99	99
16	Valor	51	2.5	oz/a	PRE	A							
16	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
16	AMS		17	lb/100 gal	POST	B							
17	Synchrony XP (2 oz/A)						34	99	99	99	99	99	99
17	Classic	25	1.72	oz/a	PRE	A							
17	Harmony GT (50%)	50	0.276	oz/a	PRE	A							
17	Karmex	80	1	lb/a	PRE	A							
17	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
17	AMS		17	lb/100 gal	POST	B							
18	Linex	4	1	pt/a	PRE	A	1	58	99	99	77	80	97
18	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
18	AMS		17	lb/100 gal	POST	B							
19	Linex	4	1.5	pt/a	PRE	A	8	86	99	99	91	90	99
19	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
19	AMS		17	lb/100 gal	POST	B							
20	Sencor	75	6	oz/a	PRE	A	1	0	74	82	55	61	83
20	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
20	AMS		17	lb/100 gal	POST	B							
LSD (P=.05)							8.5	15.7	6.4	3.8	8.9	5.3	5.4
Standard Deviation							6.0	11.1	4.5	2.7	6.3	3.8	3.8
CV							60.72	16.32	4.85	2.91	7.67	4.21	4.13

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Crop Code						GLXMA							
Rating Data Type						injury	control	control	control	control	control		
Rating Unit						percent	percent	percent	percent	percent	percent		
Rating Date						6/19/2006	6/19/2006	6/19/2006	6/19/2006	6/19/2006	6/19/2006		
Trt-Eval Interval						41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A	41 DA-A		
Trt No.	Treatment Name	Form Conc	Rate	Unit	Grow Stg	Appl Code							
1	Synchrony XP (1.125 oz/A)						25	76	99	76	98	99	71
1	Classic	25	0.97	oz/a	PRE	A							
1	Harmony GT (50%)	50	0.16	oz/a	PRE	A							
1	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
1	AMS		17	lb/100 gal	POST	B							
2	Canopy EX (1.1 oz/A)						18	75	99	80	99	99	48
2	Classic	25	1	oz/a	PRE	A							
2	Express (50%)	50	0.15	oz/a	PRE	A							
2	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
2	AMS		17	lb/100 gal	POST	B							
3	Canopy (2.2 oz/A)						16	73	99	77	99	99	42
3	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
3	AMS		17	lb/100 gal	POST	B							
4	Preview (3.7 oz/A)						16	76	99	77	99	99	35
4	Classic	25	0.96	oz/a	PRE	A							
4	Sencor 75 DF	75	3.37	oz/a	PRE	A							
4	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
4	AMS		17	lb/100 gal	POST	B							
5	Lorox Plus (8 oz/A)						26	82	99	86	98	99	91
5	Classic	25	0.99	oz/a	PRE	A							
5	Linex	4	9.1	fl oz/a	PRE	A							
5	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
5	AMS		17	lb/100 gal	POST	B							
6	Canopy XL (2.5 oz/A)						15	76	99	79	99	99	72
6	Classic	25	0.94	oz/a	PRE	A							
6	Authority	75	1.56	oz/a	PRE	A							
6	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
6	AMS		17	lb/100 gal	POST	B							
7	Classic	25	1	oz/a	PRE	A	25	97	99	99	99	99	99
7	Valor	51	1.5	oz/a	PRE	A							
7	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
7	AMS		17	lb/100 gal	POST	B							
8	Synchrony XP (1.125 oz/A)						33	98	99	99	99	99	99
8	Classic	25	0.97	oz/a	PRE	A							
8	Harmony GT (50%)	50	0.16	oz/a	PRE	A							
8	Karmex	80	1	lb/a	PRE	A							
8	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
8	AMS		17	lb/100 gal	POST	B							
9	Untreated						0	0	0	0	0	0	0
9	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
9	AMS		17	lb/100 gal	POST	B							
10	Synchrony XP (2 oz/A)						33	83	99	86	99	99	76
10	Classic	25	1.72	oz/a	PRE	A							
10	Harmony GT (50%)	50	0.276	oz/a	PRE	A							
10	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
10	AMS		17	lb/100 gal	POST	B							
11	Canopy EX (1.9 oz/A)						31	86	99	90	99	99	76
11	Classic	25	1.72	oz/a	PRE	A							
11	Express (50%)	50	0.26	oz/a	PRE	A							
11	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
11	AMS		17	lb/100 gal	POST	B							

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Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	GLXMA injury percent 6/19/2006 41 DA-A	ANGR control percent 6/19/2006 41 DA-A	CHEAL control percent 6/19/2006 41 DA-A	AMBEL control percent 6/19/2006 41 DA-A	ABUTH control percent 6/19/2006 41 DA-A	BRAKA control percent 6/19/2006 41 DA-A	SOLPT control percent 6/19/2006 41 DA-A
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Trt No.	Treatment Name	Form Conc	Rate	Unit	Grow Stg	Appl Code	GLXMA injury percent 6/19/2006 41 DA-A	ANGR control percent 6/19/2006 41 DA-A	CHEAL control percent 6/19/2006 41 DA-A	AMBEL control percent 6/19/2006 41 DA-A	ABUTH control percent 6/19/2006 41 DA-A	BRAKA control percent 6/19/2006 41 DA-A	SOLPT control percent 6/19/2006 41 DA-A
12	Canopy (4 oz/A)	75	4	oz/a	PRE	A	34	89	99	86	99	99	79
12	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
12	AMS		17	lb/100 gal	POST	B							
13	Preview (6.6 oz/A)						30	76	99	94	99	99	76
13	Classic	25	1.72	oz/a	PRE	A							
13	Sencor 75 DF	75	6	oz/a	PRE	A							
13	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
13	AMS		17	lb/100 gal	POST	B							
14	Lorox Plus (13.9 oz/A)						34	91	99	98	99	99	98
14	Classic	25	1.72	oz/a	PRE	A							
14	Linex	4	15.8	fl oz/a	PRE	A							
14	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
14	AMS		17	lb/100 gal	POST	B							
15	Canopy XL (4.5 oz/A)						23	76	99	85	99	99	87
15	Classic	25	1.69	oz/a	PRE	A							
15	Authority	75	2.81	oz/a	PRE	A							
15	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
15	AMS		17	lb/100 gal	POST	B							
16	Classic	25	1.7	oz/a	PRE	A	33	97	99	99	99	99	99
16	Valor	51	2.5	oz/a	PRE	A							
16	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
16	AMS		17	lb/100 gal	POST	B							
17	Synchrony XP (2 oz/A)						48	99	99	99	99	99	99
17	Classic	25	1.72	oz/a	PRE	A							
17	Harmony GT (50%)	50	0.276	oz/a	PRE	A							
17	Karmex	80	1	lb/a	PRE	A							
17	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
17	AMS		17	lb/100 gal	POST	B							
18	Linex	4	1	pt/a	PRE	A	5	44	99	59	25	99	99
18	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
18	AMS		17	lb/100 gal	POST	B							
19	Linex	4	1.5	pt/a	PRE	A	4	88	99	88	89	99	99
19	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
19	AMS		17	lb/100 gal	POST	B							
20	Sencor	75	6	oz/a	PRE	A	0	5	0	0	0	84	0
20	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
20	AMS		17	lb/100 gal	POST	B							

LSD (P=.05)	7.7	12.7	0.0	14.2	10.5	5.3	20.5
Standard Deviation	5.4	9.0	0.0	10.0	7.4	3.7	14.5
CV	24.36	12.05	0.0	12.89	8.77	4.0	20.11

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Rating Unit						percent	percent	percent	percent	percent	percent		
Rating Date						7/19/2006	7/20/2006	7/20/2006	7/20/2006	7/20/2006	7/20/2006		
Trt-Eval Interval						71 DA-A	72 DA-A	72 DA-A	72 DA-A	72 DA-A	72 DA-A		
Trt No.	Treatment Name	Form Conc	Rate	Unit	Grow Stg	Appl Code							
1	Synchrony XP (1.125 oz/A)						14	92	98	95	98	98	96
1	Classic	25	0.97	oz/a	PRE	A							
1	Harmony GT (50%)	50	0.16	oz/a	PRE	A							
1	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
1	AMS		17	lb/100 gal	POST	B							
2	Canopy EX (1.1 oz/A)						10	94	98	94	96	98	92
2	Classic	25	1	oz/a	PRE	A							
2	Express (50%)	50	0.15	oz/a	PRE	A							
2	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
2	AMS		17	lb/100 gal	POST	B							
3	Canopy (2.2 oz/A)						9	93	97	89	99	97	98
3	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
3	AMS		17	lb/100 gal	POST	B							
4	Preview (3.7 oz/A)						10	95	98	97	98	99	94
4	Classic	25	0.96	oz/a	PRE	A							
4	Sencor 75 DF	75	3.37	oz/a	PRE	A							
4	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
4	AMS		17	lb/100 gal	POST	B							
5	Lorox Plus (8 oz/A)						14	97	98	96	99	98	93
5	Classic	25	0.99	oz/a	PRE	A							
5	Linex	4	9.1	fl oz/a	PRE	A							
5	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
5	AMS		17	lb/100 gal	POST	B							
6	Canopy XL (2.5 oz/A)						8	97	99	93	96	98	97
6	Classic	25	0.94	oz/a	PRE	A							
6	Authority	75	1.56	oz/a	PRE	A							
6	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
6	AMS		17	lb/100 gal	POST	B							
7	Classic	25	1	oz/a	PRE	A	11	94	99	99	99	98	99
7	Valor	51	1.5	oz/a	PRE	A							
7	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
7	AMS		17	lb/100 gal	POST	B							
8	Synchrony XP (1.125 oz/A)						19	96	99	99	98	98	99
8	Classic	25	0.97	oz/a	PRE	A							
8	Harmony GT (50%)	50	0.16	oz/a	PRE	A							
8	Karmex	80	1	lb/a	PRE	A							
8	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
8	AMS		17	lb/100 gal	POST	B							
9	Untreated						0	74	46	96	91	99	99
9	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
9	AMS		17	lb/100 gal	POST	B							
10	Synchrony XP (2 oz/A)						26	96	99	95	98	98	91
10	Classic	25	1.72	oz/a	PRE	A							
10	Harmony GT (50%)	50	0.276	oz/a	PRE	A							
10	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
10	AMS		17	lb/100 gal	POST	B							
11	Canopy EX (1.9 oz/A)						26	96	99	93	97	98	93
11	Classic	25	1.72	oz/a	PRE	A							
11	Express (50%)	50	0.26	oz/a	PRE	A							
11	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
11	AMS		17	lb/100 gal	POST	B							

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Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Weed Code							ANGR	CHEAL	AMBEL	ABUTH	BRAKA	SOLPT
Crop Code						GLXMA						
Rating Data Type						injury	control	control	control	control	control	control
Rating Unit						percent	percent	percent	percent	percent	percent	percent
Rating Date						7/19/2006	7/20/2006	7/20/2006	7/20/2006	7/20/2006	7/20/2006	7/20/2006
Trt-Eval Interval						71 DA-A	72 DA-A	72 DA-A	72 DA-A	72 DA-A	72 DA-A	72 DA-A

Trt No.	Treatment Name	Form Conc	Rate	Unit	Grow Stg	Appl Code							
12	Canopy (4 oz/A)	75	4	oz/a	PRE	A	28	96	98	95	98	98	
12	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
12	AMS		17	lb/100 gal	POST	B							
13	Preview (6.6 oz/A)						21	91	97	97	99	99	
13	Classic	25	1.72	oz/a	PRE	A							
13	Sencor 75 DF	75	6	oz/a	PRE	A							
13	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
13	AMS		17	lb/100 gal	POST	B							
14	Lorox Plus (13.9 oz/A)						28	97	99	96	98	98	
14	Classic	25	1.72	oz/a	PRE	A							
14	Linex	4	15.8	fl oz/a	PRE	A							
14	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
14	AMS		17	lb/100 gal	POST	B							
15	Canopy XL (4.5 oz/A)						15	96	99	95	97	99	
15	Classic	25	1.69	oz/a	PRE	A							
15	Authority	75	2.81	oz/a	PRE	A							
15	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
15	AMS		17	lb/100 gal	POST	B							
16	Classic	25	1.7	oz/a	PRE	A	26	95	99	97	98	99	
16	Valor	51	2.5	oz/a	PRE	A							
16	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
16	AMS		17	lb/100 gal	POST	B							
17	Synchrony XP (2 oz/A)						34	98	99	99	99	99	
17	Classic	25	1.72	oz/a	PRE	A							
17	Harmony GT (50%)	50	0.276	oz/a	PRE	A							
17	Karmex	80	1	lb/a	PRE	A							
17	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
17	AMS		17	lb/100 gal	POST	B							
18	Linex	4	1	pt/a	PRE	A	0	97	97	96	99	99	
18	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
18	AMS		17	lb/100 gal	POST	B							
19	Linex	4	1.5	pt/a	PRE	A	0	96	98	98	99	99	
19	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
19	AMS		17	lb/100 gal	POST	B							
20	Sencor	75	6	oz/a	PRE	A	0	97	83	99	95	93	
20	Roundup WeatherMax	4.5	22	fl oz/a	POST	B							
20	AMS		17	lb/100 gal	POST	B							
LSD (P=.05)							5.5	5.3	4.0	4.9	3.0	4.4	9.4
Standard Deviation							3.9	3.8	2.8	3.4	2.1	3.1	6.6
CV							25.98	4.0	2.99	3.59	2.17	3.19	6.9

MSU Weed Science Research Program

Comparison of Different Weed Control Programs Containing CE

Trial ID: SOY03-06
 Conducted: T-10

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Weed Code	AMARE		
Crop Code		GLXMA	GLXMA
Rating Data Type	control	moisture	yield
Rating Unit	percent	percent	bu/acre
Rating Date	7/20/2006	9/26/2006	9/26/2006
Trt-Eval Interval	72 DA-A	140 DA-A	at 13% M

Trt No.	Treatment Name	Form Conc	Rate	Unit	Grow Stg	Appl Code			
1	Synchrony XP (1.125 oz/A)						99	14.2	58.2
1	Classic	25	0.97	oz/a	PRE	A			
1	Harmony GT (50%)	50	0.16	oz/a	PRE	A			
1	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
1	AMS		17	lb/100 gal	POST	B			
2	Canopy EX (1.1 oz/A)						99	14.1	58.1
2	Classic	25	1	oz/a	PRE	A			
2	Express (50%)	50	0.15	oz/a	PRE	A			
2	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
2	AMS		17	lb/100 gal	POST	B			
3	Canopy (2.2 oz/A)	75	2.2	oz/a	PRE	A	99	14.0	56.3
3	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
3	AMS		17	lb/100 gal	POST	B			
4	Preview (3.7 oz/A)						99	14.1	57.3
4	Classic	25	0.96	oz/a	PRE	A			
4	Sencor 75 DF	75	3.37	oz/a	PRE	A			
4	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
4	AMS		17	lb/100 gal	POST	B			
5	Lorox Plus (8 oz/A)						99	14.1	54.1
5	Classic	25	0.99	oz/a	PRE	A			
5	Linex	4	9.1	fl oz/a	PRE	A			
5	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
5	AMS		17	lb/100 gal	POST	B			
6	Canopy XL (2.5 oz/A)						99	14.2	57.8
6	Classic	25	0.94	oz/a	PRE	A			
6	Authority	75	1.56	oz/a	PRE	A			
6	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
6	AMS		17	lb/100 gal	POST	B			
7	Classic	25	1	oz/a	PRE	A	99	13.9	56.0
7	Valor	51	1.5	oz/a	PRE	A			
7	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
7	AMS		17	lb/100 gal	POST	B			
8	Synchrony XP (1.125 oz/A)						99	14.1	55.9
8	Classic	25	0.97	oz/a	PRE	A			
8	Harmony GT (50%)	50	0.16	oz/a	PRE	A			
8	Karmex	80	1	lb/a	PRE	A			
8	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
8	AMS		17	lb/100 gal	POST	B			
9	Untreated						73	14.4	59.1
9	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
9	AMS		17	lb/100 gal	POST	B			
10	Synchrony XP (2 oz/A)						99	14.1	52.2
10	Classic	25	1.72	oz/a	PRE	A			
10	Harmony GT (50%)	50	0.276	oz/a	PRE	A			
10	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
10	AMS		17	lb/100 gal	POST	B			
11	Canopy EX (1.9 oz/A)						99	14.4	51.2
11	Classic	25	1.72	oz/a	PRE	A			
11	Express (50%)	50	0.26	oz/a	PRE	A			
11	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
11	AMS		17	lb/100 gal	POST	B			

MSU Weed Science Research Program

Comparison of Different Weed Control Programs Containing CE

Trial ID: SOY03-06
 Conducted: T-10

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Weed Code	AMARE		
Crop Code		GLXMA	GLXMA
Rating Data Type	control	moisture	yield
Rating Unit	percent	percent	bu/acre
Rating Date	7/20/2006	9/26/2006	9/26/2006
Trt-Eval Interval	72 DA-A	140 DA-A	at 13% M

Trt No.	Treatment Name	Form Conc	Rate	Unit	Grow Stg	Appl Code			
12	Canopy (4 oz/A)	75	4	oz/a	PRE	A	99	14.0	49.1
12	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
12	AMS		17	lb/100 gal	POST	B			
13	Preview (6.6 oz/A)						99	14.0	55.7
13	Classic	25	1.72	oz/a	PRE	A			
13	Sencor 75 DF	75	6	oz/a	PRE	A			
13	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
13	AMS		17	lb/100 gal	POST	B			
14	Lorox Plus (13.9 oz/A)						99	13.9	51.5
14	Classic	25	1.72	oz/a	PRE	A			
14	Linex	4	15.8	fl oz/a	PRE	A			
14	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
14	AMS		17	lb/100 gal	POST	B			
15	Canopy XL (4.5 oz/A)						98	13.8	55.9
15	Classic	25	1.69	oz/a	PRE	A			
15	Authority	75	2.81	oz/a	PRE	A			
15	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
15	AMS		17	lb/100 gal	POST	B			
16	Classic	25	1.7	oz/a	PRE	A	99	13.8	51.6
16	Valor	51	2.5	oz/a	PRE	A			
16	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
16	AMS		17	lb/100 gal	POST	B			
17	Synchrony XP (2 oz/A)						99	14.6	46.1
17	Classic	25	1.72	oz/a	PRE	A			
17	Harmony GT (50%)	50	0.276	oz/a	PRE	A			
17	Karmex	80	1	lb/a	PRE	A			
17	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
17	AMS		17	lb/100 gal	POST	B			
18	Linex	4	1	pt/a	PRE	A	85	14.1	64.6
18	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
18	AMS		17	lb/100 gal	POST	B			
19	Linex	4	1.5	pt/a	PRE	A	97	14.0	60.2
19	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
19	AMS		17	lb/100 gal	POST	B			
20	Sencor	75	6	oz/a	PRE	A	85	14.2	63.0
20	Roundup WeatherMax	4.5	22	fl oz/a	POST	B			
20	AMS		17	lb/100 gal	POST	B			

LSD (P=.05)	9.1	0.57	5.36
Standard Deviation	6.4	0.40	3.79
CV	6.71	2.87	6.81