

Weed control using chlorimuron-ethyl premixtures in LibertyLink soybean

Trial ID: SOY01-17 Study Dir.: Sprague, Powell, Stiles
 Conducted: Campus C-12 Investigator: Christy Sprague

Planting Date: May-9-2017 **Row Spacing:** 30 IN
Variety: CZ2312LL **No. of Reps:** 4
Population: 155000 seeds/A **% OM:** 3.3
Soil Type: L loam **pH:** 7.4
Plot Size: 10 X 30 FT **Study Design:** Randomized Complete Block (RCB)

Tillage/Previous Crops: Fall chisel plow; spring soil finish twice
Fertilizer:

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1	ANGR	mainly foxtail species	Annual grass
2	CHEAL	lambquarters, common	Chenopodium album
3	AMAPO	Powell amaranth	Amaranthus powellii
4	AMBEL	ragweed, common	Ambrosia artemisiifolia
5	ABUTH	velvetleaf	Abutilon theophrasti
6	SINAR	mustard, wild	Sinapis arvensis
Crop	Code	Common Name	
1	GLXMA	Soybean	

Application Description

	A	B
Application Timing:	PRE	POST
Date Treated:	May-9-2017	Jun-13-2017
Time Treated:	3:30 PM	11:20 AM
% Cloud Cover:	5	80
Air Temp., Unit:	62 F	82 F
% Relative Humidity:	24	56
Wind Speed/Unit/Dir:	3 mph W	3 mph N
Soil Temp, Unit:	60 F	72 F
Leaf Moist/Dew Presence (Y/N):	5	5
Soil Moist:	3	5

Crop Stage at Each Application

	A	B
Crop 1 Name:	GLXMA	GLXMA
Height:		6-7 " (6.5)
Stage:		V3

Weed Stage at Each Application

	A	B
Weed 1 Name:	ANGR	ANGR
Height:		1-6 " (4)
Stage:		4L
Weed 2 Name:	CHEAL	CHEAL
Height:		1-4 " (3)
Stage:		8-12L
Weed 3 Name:	AMAPO	AMAPO
Height:		4 "
Stage:		8-10L
Weed 4 Name:	AMBEL	AMBEL
Height:		2-4 " (4)
Stage:		6-8L
Weed 5 Name:	ABUTH	ABUTH
Height:		
Stage:		
Weed 6 Name:	SINAR	SINAR
Height:		2-7 " (5)
Stage:		flower

Weed Density

	1	2	3	4	5	6
Date:	Jun-13-2017	Jun-13-2017	Jun-13-2017	Jun-13-2017	Jun-13-2017	Jun-13-2017
Weed Name:	ANGR	CHEAL	AMAPO	AMBEL	ABUTH	SINAR
Density:	28 FT2	19 FT2	17 FT2	1 FT2	0.25 FT2	0.25 FT2

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Appl	Sprayer Type	Ground Speed	Nozzle Type	Nozzle Size	Application Equipment			Spray Volume	Carrier	Operation Pressure
					Nozzle Height	Nozzle Spacing	Boom Width			
A	Cub	3.8 MPH	AIXR	11003	22 "	20 "	100 "	19 GPA	WATER	30 PSI
B	Cub	3.8 MPH	AIXR	11003	24 "	20 "	100 "	19 GPA	WATER	30 PSI

Comments: The common ragweed population at this location is resistant to the ALS-inhibiting (Group 2) herbicides.

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Location: Campus C-12

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	GLXMA	ANGR	CHEAL	AMBEL	ABUTH	GLXMA
Crop Code	May-30-2017	May-30-2017	May-30-2017	May-30-2017	May-30-2017	Jun-12-2017
Rating Date	injury	control	control	control	control	injury
Rating Type	percent	percent	percent	percent	percent	percent
Rating Unit	21 DA-A	21 DA-A	21 DA-A	21 DA-A	21 DA-A	34 DA-A
Trt-Eval Interval	0	0	0	0	0	0
Number of Decimals						

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*
1	Trivence	61.3	WG	8 oz/a		A	1	84	99	90	99	0
1	Liberty	2.37	L	29 fl oz/a		B						
1	Cinch	7.64	L	1 pt/a		B						
1	AMS		WG	8.5 lb/100 gal		B						
2	Trivence	61.3	WG	8 oz/a		A	1	90	100	94	100	0
2	Zidua	85	WG	1.5 oz/a		A						
2	Liberty	2.37	L	29 fl oz/a		B						
2	Cinch	7.64	L	1 pt/a		B						
2	AMS		WG	8.5 lb/100 gal		B						
3	Untreated						0	0	0	0	0	0
4	Canopy Blend	58.3	WG	5.15 oz/a		A	1	75	90	81	98	0
4	Liberty	2.37	L	29 fl oz/a		B						
4	Cinch	7.64	L	1 pt/a		B						
4	AMS		WG	8.5 lb/100 gal		B						
5	Canopy Blend	58.3	WG	5.15 oz/a		A	1	51	88	83	94	0
5	Metribuzin	75	WG	4 oz/a		A						
5	Liberty	2.37	L	29 fl oz/a		B						
5	Cinch	7.64	L	1 pt/a		B						
5	AMS		WG	8.5 lb/100 gal		B						
6	Canopy Blend	58.3	WG	3 oz/a		A	0	51	83	60	91	0
6	Liberty	2.37	L	29 fl oz/a		B						
6	Cinch	7.64	L	1 pt/a		B						
6	AMS		WG	8.5 lb/100 gal		B						
7	Canopy Blend	58.3	WG	3 oz/a		A	1	79	86	66	91	0
7	Cinch	7.64	L	1 pt/a		A						
7	Liberty	2.37	L	29 fl oz/a		B						
7	Cinch	7.64	L	1 pt/a		B						
7	AMS		WG	8.5 lb/100 gal		B						
8	Canopy Blend	58.3	WG	3 oz/a		A	0	44	90	75	99	0
8	Metribuzin	75	WG	6 oz/a		A						
8	Liberty	2.37	L	29 fl oz/a		B						
8	Cinch	7.64	L	1 pt/a		B						
8	AMS		WG	8.5 lb/100 gal		B						
9	Canopy Blend	58.3	WG	3 oz/a		A	1	68	95	68	94	0
9	Metribuzin	75	WG	3 oz/a		A						
9	Cinch	7.64	L	1 pt/a		A						
9	Liberty	2.37	L	29 fl oz/a		B						
9	Cinch	7.64	L	1 pt/a		B						
9	AMS		WG	8.5 lb/100 gal		B						

* Adjusted means

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Pest Code	GLXMA	ANGR	CHEAL	AMBEL	ABUTH	GLXMA
Crop Code	GLXMA					GLXMA
Rating Date	May-30-2017	May-30-2017	May-30-2017	May-30-2017	May-30-2017	Jun-12-2017
Rating Type	injury	control	control	control	control	injury
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	21 DA-A	21 DA-A	21 DA-A	21 DA-A	21 DA-A	34 DA-A
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*
10	Canopy Blend	58.3	WG	3 oz/a		A	1	45	89	74	96	0
10	Boundary	6.5	L	1.5 pt/a		A						
10	Liberty	2.37	L	29 fl oz/a		B						
10	Cinch	7.64	L	1 pt/a		B						
10	AMS		WG	8.5 lb/100 gal		B						
11	Envive	41.3	WG	3.5 oz/a		A	1	71	91	73	96	0
11	Liberty	2.37	L	29 fl oz/a		B						
11	Cinch	7.64	L	1 pt/a		B						
11	AMS		WG	8.5 lb/100 gal		B						
12	Boundary	6.5	L	1.5 pt/a		A	1	68	68	58	86	0
12	Liberty	2.37	L	29 fl oz/a		B						
12	Cinch	7.64	L	1 pt/a		B						
12	AMS		WG	8.5 lb/100 gal		B						
LSD P=.05							1.9	29.6	9.1	16.2	6.0	.
Standard Deviation							1.3	20.6	6.3	11.3	4.2	0.0
CV							235.39	34.06	7.75	16.48	4.82	0.0

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Pest Code	ANGR	CHEAL	AMBEL	SINAR	GLXMA	ANGR
Crop Code						
Rating Date	Jun-12-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017	Jun-27-2017	Jun-27-2017
Rating Type	control	control	control	control	injury	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	34 DA-A	34 DA-A	34 DA-A	34 DA-A	14 DA-B	14 DA-B
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*
1	Trivence	61.3	WG	8 oz/a		A	83	95	83	100	1	99
1	Liberty	2.37	L	29 fl oz/a		B						
1	Cinch	7.64	L	1 pt/a		B						
1	AMS		WG	8.5 lb/100 gal		B						
2	Trivence	61.3	WG	8 oz/a		A	91	99	83	100	2	99
2	Zidua	85	WG	1.5 oz/a		A						
2	Liberty	2.37	L	29 fl oz/a		B						
2	Cinch	7.64	L	1 pt/a		B						
2	AMS		WG	8.5 lb/100 gal		B						
3	Untreated						0	0	0	0	0	0
4	Canopy Blend	58.3	WG	5.15 oz/a		A	78	90	71	100	2	99
4	Liberty	2.37	L	29 fl oz/a		B						
4	Cinch	7.64	L	1 pt/a		B						
4	AMS		WG	8.5 lb/100 gal		B						
5	Canopy Blend	58.3	WG	5.15 oz/a		A	72	91	80	100	2	100
5	Metribuzin	75	WG	4 oz/a		A						
5	Liberty	2.37	L	29 fl oz/a		B						
5	Cinch	7.64	L	1 pt/a		B						
5	AMS		WG	8.5 lb/100 gal		B						
6	Canopy Blend	58.3	WG	3 oz/a		A	58	81	60	100	2	99
6	Liberty	2.37	L	29 fl oz/a		B						
6	Cinch	7.64	L	1 pt/a		B						
6	AMS		WG	8.5 lb/100 gal		B						
7	Canopy Blend	58.3	WG	3 oz/a		A	81	78	61	99	2	100
7	Cinch	7.64	L	1 pt/a		A						
7	Liberty	2.37	L	29 fl oz/a		B						
7	Cinch	7.64	L	1 pt/a		B						
7	AMS		WG	8.5 lb/100 gal		B						
8	Canopy Blend	58.3	WG	3 oz/a		A	70	84	80	100	2	97
8	Metribuzin	75	WG	6 oz/a		A						
8	Liberty	2.37	L	29 fl oz/a		B						
8	Cinch	7.64	L	1 pt/a		B						
8	AMS		WG	8.5 lb/100 gal		B						
9	Canopy Blend	58.3	WG	3 oz/a		A	82	89	70	100	3	100
9	Metribuzin	75	WG	3 oz/a		A						
9	Cinch	7.64	L	1 pt/a		A						
9	Liberty	2.37	L	29 fl oz/a		B						
9	Cinch	7.64	L	1 pt/a		B						
9	AMS		WG	8.5 lb/100 gal		B						

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Pest Code	ANGR	CHEAL	AMBEL	SINAR		ANGR
Crop Code					GLXMA	
Rating Date	Jun-12-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017	Jun-27-2017	Jun-27-2017
Rating Type	control	control	control	control	injury	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	34 DA-A	34 DA-A	34 DA-A	34 DA-A	14 DA-B	14 DA-B
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*
10	Canopy Blend	58.3	WG	3 oz/a		A	76	81	71	94	0	99
10	Boundary	6.5	L	1.5 pt/a		A						
10	Liberty	2.37	L	29 fl oz/a		B						
10	Cinch	7.64	L	1 pt/a		B						
10	AMS		WG	8.5 lb/100 gal		B						
11	Envive	41.3	WG	3.5 oz/a		A	73	88	71	100	2	99
11	Liberty	2.37	L	29 fl oz/a		B						
11	Cinch	7.64	L	1 pt/a		B						
11	AMS		WG	8.5 lb/100 gal		B						
12	Boundary	6.5	L	1.5 pt/a		A	75	53	63	100	3	99
12	Liberty	2.37	L	29 fl oz/a		B						
12	Cinch	7.64	L	1 pt/a		B						
12	AMS		WG	8.5 lb/100 gal		B						
LSD P=.05							16.4	15.9	10.2	5.2	2.4	2.5
Standard Deviation							11.4	11.1	7.1	3.6	1.6	1.7
CV							16.3	14.32	10.73	3.97	100.92	1.9

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Pest Code	CHEAL	AMAPO	AMBEL	SINAR	GLXMA	ANGR						
Crop Code												
Rating Date	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jul-11-2017	Jul-11-2017						
Rating Type	control	control	control	control	injury	control						
Rating Unit	percent	percent	percent	percent	percent	percent						
Trt-Eval Interval	14 DA-B	14 DA-B	14 DA-B	14 DA-B	28 DA-B	28 DA-B						
Number of Decimals	0	0	0	0	0	0						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*
1	Trivence	61.3	WG	8 oz/a		A	100	100	100	100	0	99
1	Liberty	2.37	L	29 fl oz/a		B						
1	Cinch	7.64	L	1 pt/a		B						
1	AMS		WG	8.5 lb/100 gal		B						
2	Trivence	61.3	WG	8 oz/a		A	100	100	99	100	0	100
2	Zidua	85	WG	1.5 oz/a		A						
2	Liberty	2.37	L	29 fl oz/a		B						
2	Cinch	7.64	L	1 pt/a		B						
2	AMS		WG	8.5 lb/100 gal		B						
3	Untreated						0	0	0	0	0	0
4	Canopy Blend	58.3	WG	5.15 oz/a		A	97	100	99	100	0	100
4	Liberty	2.37	L	29 fl oz/a		B						
4	Cinch	7.64	L	1 pt/a		B						
4	AMS		WG	8.5 lb/100 gal		B						
5	Canopy Blend	58.3	WG	5.15 oz/a		A	98	100	100	100	0	99
5	Metribuzin	75	WG	4 oz/a		A						
5	Liberty	2.37	L	29 fl oz/a		B						
5	Cinch	7.64	L	1 pt/a		B						
5	AMS		WG	8.5 lb/100 gal		B						
6	Canopy Blend	58.3	WG	3 oz/a		A	94	100	99	100	0	92
6	Liberty	2.37	L	29 fl oz/a		B						
6	Cinch	7.64	L	1 pt/a		B						
6	AMS		WG	8.5 lb/100 gal		B						
7	Canopy Blend	58.3	WG	3 oz/a		A	93	100	100	100	0	98
7	Cinch	7.64	L	1 pt/a		A						
7	Liberty	2.37	L	29 fl oz/a		B						
7	Cinch	7.64	L	1 pt/a		B						
7	AMS		WG	8.5 lb/100 gal		B						
8	Canopy Blend	58.3	WG	3 oz/a		A	94	100	100	100	0	97
8	Metribuzin	75	WG	6 oz/a		A						
8	Liberty	2.37	L	29 fl oz/a		B						
8	Cinch	7.64	L	1 pt/a		B						
8	AMS		WG	8.5 lb/100 gal		B						
9	Canopy Blend	58.3	WG	3 oz/a		A	98	100	99	100	0	99
9	Metribuzin	75	WG	3 oz/a		A						
9	Cinch	7.64	L	1 pt/a		A						
9	Liberty	2.37	L	29 fl oz/a		B						
9	Cinch	7.64	L	1 pt/a		B						
9	AMS		WG	8.5 lb/100 gal		B						

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Pest Code	CHEAL	AMAPO	AMBEL	SINAR	GLXMA	ANGR
Crop Code						
Rating Date	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jul-11-2017	Jul-11-2017
Rating Type	control	control	control	control	injury	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-B	14 DA-B	14 DA-B	14 DA-B	28 DA-B	28 DA-B
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*
10	Canopy Blend	58.3	WG	3 oz/a		A	96	100	100	100	0	97
10	Boundary	6.5	L	1.5 pt/a		A						
10	Liberty	2.37	L	29 fl oz/a		B						
10	Cinch	7.64	L	1 pt/a		B						
10	AMS		WG	8.5 lb/100 gal		B						
11	Envive	41.3	WG	3.5 oz/a		A	96	100	100	100	0	95
11	Liberty	2.37	L	29 fl oz/a		B						
11	Cinch	7.64	L	1 pt/a		B						
11	AMS		WG	8.5 lb/100 gal		B						
12	Boundary	6.5	L	1.5 pt/a		A	80	100	97	100	0	100
12	Liberty	2.37	L	29 fl oz/a		B						
12	Cinch	7.64	L	1 pt/a		B						
12	AMS		WG	8.5 lb/100 gal		B						
	LSD P=.05						4.9	.	3.1	.	.	5.0
	Standard Deviation						3.4	0.0	2.2	0.0	0.0	3.5
	CV						3.94	0.0	2.39	0.0	0.0	3.89

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Pest Code	CHEAL	AMBEL	SINAR	GLXMA	ANGR	CHEAL						
Crop Code												
Rating Date	Jul-11-2017	Jul-11-2017	Jul-11-2017	Jul-25-2017	Jul-25-2017	Jul-25-2017						
Rating Type	control	control	control	injury	control	control						
Rating Unit	percent	percent	percent	percent	percent	percent						
Trt-Eval Interval	28 DA-B	28 DA-B	28 DA-B	42 DA-B	42 DA-B	42 DA-B						
Number of Decimals	0	0	0	0	0	0						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*
1	Trivence	61.3	WG	8 oz/a		A	99	100	100	0	100	99
1	Liberty	2.37	L	29 fl oz/a		B						
1	Cinch	7.64	L	1 pt/a		B						
1	AMS		WG	8.5 lb/100 gal		B						
2	Trivence	61.3	WG	8 oz/a		A	98	99	100	1	100	98
2	Zidua	85	WG	1.5 oz/a		A						
2	Liberty	2.37	L	29 fl oz/a		B						
2	Cinch	7.64	L	1 pt/a		B						
2	AMS		WG	8.5 lb/100 gal		B						
3	Untreated						0	0	0	0	0	0
4	Canopy Blend	58.3	WG	5.15 oz/a		A	99	98	100	1	100	99
4	Liberty	2.37	L	29 fl oz/a		B						
4	Cinch	7.64	L	1 pt/a		B						
4	AMS		WG	8.5 lb/100 gal		B						
5	Canopy Blend	58.3	WG	5.15 oz/a		A	98	99	100	0	99	100
5	Metribuzin	75	WG	4 oz/a		A						
5	Liberty	2.37	L	29 fl oz/a		B						
5	Cinch	7.64	L	1 pt/a		B						
5	AMS		WG	8.5 lb/100 gal		B						
6	Canopy Blend	58.3	WG	3 oz/a		A	97	99	100	1	98	97
6	Liberty	2.37	L	29 fl oz/a		B						
6	Cinch	7.64	L	1 pt/a		B						
6	AMS		WG	8.5 lb/100 gal		B						
7	Canopy Blend	58.3	WG	3 oz/a		A	95	99	100	0	100	93
7	Cinch	7.64	L	1 pt/a		A						
7	Liberty	2.37	L	29 fl oz/a		B						
7	Cinch	7.64	L	1 pt/a		B						
7	AMS		WG	8.5 lb/100 gal		B						
8	Canopy Blend	58.3	WG	3 oz/a		A	91	99	100	1	97	94
8	Metribuzin	75	WG	6 oz/a		A						
8	Liberty	2.37	L	29 fl oz/a		B						
8	Cinch	7.64	L	1 pt/a		B						
8	AMS		WG	8.5 lb/100 gal		B						
9	Canopy Blend	58.3	WG	3 oz/a		A	98	100	100	1	100	98
9	Metribuzin	75	WG	3 oz/a		A						
9	Cinch	7.64	L	1 pt/a		A						
9	Liberty	2.37	L	29 fl oz/a		B						
9	Cinch	7.64	L	1 pt/a		B						
9	AMS		WG	8.5 lb/100 gal		B						

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Could not calculate LSD (% mean diff) for columns 6,14,16,17,21,26 because error mean square = 0.

Weed control using chlorimuron-ethyl premixtures in LibertyLink soybean

Trial ID: SOY01-17

Location: Campus C-12

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	CHEAL	AMBEL	SINAR	GLXMA	ANGR	CHEAL
Crop Code						
Rating Date	Jul-11-2017	Jul-11-2017	Jul-11-2017	Jul-25-2017	Jul-25-2017	Jul-25-2017
Rating Type	control	control	control	injury	control	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	28 DA-B	28 DA-B	28 DA-B	42 DA-B	42 DA-B	42 DA-B
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*	*
10	Canopy Blend	58.3	WG	3 oz/a		A	96	100	100	0	98	96
10	Boundary	6.5	L	1.5 pt/a		A						
10	Liberty	2.37	L	29 fl oz/a		B						
10	Cinch	7.64	L	1 pt/a		B						
10	AMS		WG	8.5 lb/100 gal		B						
11	Envive	41.3	WG	3.5 oz/a		A	98	99	100	0	98	97
11	Liberty	2.37	L	29 fl oz/a		B						
11	Cinch	7.64	L	1 pt/a		B						
11	AMS		WG	8.5 lb/100 gal		B						
12	Boundary	6.5	L	1.5 pt/a		A	82	99	100	0	100	81
12	Liberty	2.37	L	29 fl oz/a		B						
12	Cinch	7.64	L	1 pt/a		B						
12	AMS		WG	8.5 lb/100 gal		B						
LSD P=.05							8.5	1.6	.	1.6	3.4	4.9
Standard Deviation							5.9	1.1	0.0	1.1	2.4	3.4
CV							6.76	1.22	0.0	309.64	2.61	3.89

* Adjusted means

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Weed control using chlorimuron-ethyl premixtures in LibertyLink soybean

Trial ID: SOY01-17

Location: Campus C-12

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	AMBEL	SINAR
Crop Code		
Rating Date	Jul-25-2017	Jul-25-2017
Rating Type	control	control
Rating Unit	percent	percent
Trt-Eval Interval	42 DA-B	42 DA-B
Number of Decimals	0	0

Trt	Treatment	Form	Form	Rate	Appl		
No.	Name	Conc	Type	Rate	Code	*	*
				Unit			
1	Trivence	61.3	WG	8 oz/a	A	100	100
1	Liberty	2.37	L	29 fl oz/a	B		
1	Cinch	7.64	L	1 pt/a	B		
1	AMS		WG	8.5 lb/100 gal	B		
2	Trivence	61.3	WG	8 oz/a	A	99	100
2	Zidua	85	WG	1.5 oz/a	A		
2	Liberty	2.37	L	29 fl oz/a	B		
2	Cinch	7.64	L	1 pt/a	B		
2	AMS		WG	8.5 lb/100 gal	B		
3	Untreated					0	0
4	Canopy Blend	58.3	WG	5.15 oz/a	A	95	100
4	Liberty	2.37	L	29 fl oz/a	B		
4	Cinch	7.64	L	1 pt/a	B		
4	AMS		WG	8.5 lb/100 gal	B		
5	Canopy Blend	58.3	WG	5.15 oz/a	A	99	100
5	Metribuzin	75	WG	4 oz/a	A		
5	Liberty	2.37	L	29 fl oz/a	B		
5	Cinch	7.64	L	1 pt/a	B		
5	AMS		WG	8.5 lb/100 gal	B		
6	Canopy Blend	58.3	WG	3 oz/a	A	97	100
6	Liberty	2.37	L	29 fl oz/a	B		
6	Cinch	7.64	L	1 pt/a	B		
6	AMS		WG	8.5 lb/100 gal	B		
7	Canopy Blend	58.3	WG	3 oz/a	A	100	100
7	Cinch	7.64	L	1 pt/a	A		
7	Liberty	2.37	L	29 fl oz/a	B		
7	Cinch	7.64	L	1 pt/a	B		
7	AMS		WG	8.5 lb/100 gal	B		
8	Canopy Blend	58.3	WG	3 oz/a	A	98	100
8	Metribuzin	75	WG	6 oz/a	A		
8	Liberty	2.37	L	29 fl oz/a	B		
8	Cinch	7.64	L	1 pt/a	B		
8	AMS		WG	8.5 lb/100 gal	B		
9	Canopy Blend	58.3	WG	3 oz/a	A	99	100
9	Metribuzin	75	WG	3 oz/a	A		
9	Cinch	7.64	L	1 pt/a	A		
9	Liberty	2.37	L	29 fl oz/a	B		
9	Cinch	7.64	L	1 pt/a	B		
9	AMS		WG	8.5 lb/100 gal	B		

* Adjusted means

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Weed control using chlorimuron-ethyl premixtures in LibertyLink soybean

Trial ID: SOY01-17

Location: Campus C-12

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	AMBEL	SINAR
Crop Code		
Rating Date	Jul-25-2017	Jul-25-2017
Rating Type	control	control
Rating Unit	percent	percent
Trt-Eval Interval	42 DA-B	42 DA-B
Number of Decimals	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*
10	Canopy Blend	58.3	WG	3 oz/a		A	100	100
10	Boundary	6.5	L	1.5 pt/a		A		
10	Liberty	2.37	L	29 fl oz/a		B		
10	Cinch	7.64	L	1 pt/a		B		
10	AMS		WG	8.5 lb/100 gal		B		
11	Envive	41.3	WG	3.5 oz/a		A	99	100
11	Liberty	2.37	L	29 fl oz/a		B		
11	Cinch	7.64	L	1 pt/a		B		
11	AMS		WG	8.5 lb/100 gal		B		
12	Boundary	6.5	L	1.5 pt/a		A	96	100
12	Liberty	2.37	L	29 fl oz/a		B		
12	Cinch	7.64	L	1 pt/a		B		
12	AMS		WG	8.5 lb/100 gal		B		
LSD P=.05							2.8	.
Standard Deviation							1.9	0.0
CV							2.15	0.0

* Adjusted means

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