

Comparison of various weed control programs in Enlist soybean

Trial ID: SOY04-20 Study Dir.: Sprague, Powell, Stiles
 Conducted: Campus, T-10 Investigator: Christy Sprague

Planting Date: May-24-2020 **Row Spacing:** 30 IN
Variety: P25T09E **No. of Reps:** 4
Population: 156000 seeds/A **% OM:** 2.6
Soil Type: L loam **pH:** 7.5
Plot Size: 10 X 35 FT **Study Design:** Randomized Complete Block (RCB)

Tillage/Previous Crops: Fall chisel plow andl soil finish; Spring soil finish (2X)

Fertilizer:

Crop and Weed Description

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

Application Description

	A	B
Application Timing:	PRE	POST
Date Treated:	May-25-2020	Jun-25-2020
Time Treated:	7:28 AM	12:50 PM
% Cloud Cover:	3	50
Air Temp., Unit:	71 F	75 F
% Relative Humidity:	98	44
Wind Speed/Unit/Dir:	1 mph E	6 mph W
Soil Temp, Unit:	63 F	62 F
Leaf Moist/Dew Presence (Y/N):		5
Soil Moist:		5

Crop Stage at Each Application

	A	B
Crop 1 Name:	GLXMA	GLXMA
Height:		6 "
Stage:		V3

Weed Stage at Each Application

	A	B
Weed 1 Name:	ANGR	ANGR
Height:		4-9 " (6.5)
Stage:		4L
Weed 2 Name:	CHEAL	CHEAL
Height:		3-6 " (4.5)
Stage:		6-8L
Weed 3 Name:	AMAPO	AMAPO
Height:		
Stage:		
Weed 4 Name:	AMBEL	AMBEL
Height:		3-6 " (4.5)
Stage:		
Weed 5 Name:	ABUTH	ABUTH
Height:		
Stage:		

Weed Density

	1	2	3	4	5
Date:	Jun-25-2020	Jun-25-2020	Jun-25-2020	Jun-25-2020	Jun-25-2020
Weed Name:	ANGR	CHEAL	AMAPO	AMBEL	ABUTH
Density:	11 FT2	3 FT2	1 FT2	7 FT2	1 FT2

Application Equipment

Appl	Sprayer Type	Ground Speed	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width	Spray Volume	Carrier	Operation Pressure
A	CUB	3.8 mph	AIXR	11003	20 "	20 "	100 "	19 GPA	WATER	30 psi
B	CUB	3.8 mph	AIXR	11003	26 "	20 "	100 "	19 GPA	WATER	30 psi

Comments: There was substantial seedling disease throughout this trial that exacerbated soybean injury from some of the treatments. The common ragweed (AMBEL) population in this trial is resistant to the Group 2 herbicides.

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Project ID:

Study Director: Sprague, Powell, Stiles

Sponsor Contact:

Pest Code						ANGR	CHEAL	AMBEL	ABUTH			
Crop Type, Code						C GLXMA				C GLXMA		
Rating Date						Jun-24-2020	Jun-24-2020	Jun-24-2020	Jun-24-2020	Jun-24-2020	Jul-2-2020	
Rating Type						injury	control	control	control	control	injury	
Rating Unit						percent	percent	percent	percent	percent	percent	
Trt-Eval Interval						30 DA-A	30 DA-A	30 DA-A	30 DA-A	30 DA-A	7 DA-B	
Number of Decimals						0	0	0	0	0	0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Appl Timing	Appl Code						
12	Zidua PRO	4.09 L		6 fl oz/a	PRE	A	9	93	100	93	100	23
	Flexstar	1.88 L		1 pt/a	POST	B						
	Roundup PowerMax	4.5 SL		32 fl oz/a	POST	B						
	MSO	L		1 % v/v	POST	B						
	AMS	WG		17 lb/100 gal	POST	B						
	LSD P=.05						2.9	8.5	2.1	6.3	.	3.7
	Standard Deviation						2.0	5.9	1.4	4.4	0.0	2.6
	CV						82.18	7.76	1.58	5.89	0.0	48.5

Could not calculate LSD (% mean diff) for columns 5,8,10,12,13,14,15,16,18,19,21,23,24,26 because error mean square = 0.

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Investigator (Creator): Christy Sprague

Project ID:

Study Director: Sprague, Powell, Stiles

Sponsor Contact:

Pest Code	ANGR	CHEAL	AMBEL	ABUTH	C GLXMA	ANGR	CHEAL
Crop Type, Code	Jul-2-2020	Jul-2-2020	Jul-2-2020	Jul-2-2020	Jul-9-2020	Jul-9-2020	Jul-9-2020
Rating Date	control	control	control	control	injury	control	control
Rating Type	percent	percent	percent	percent	percent	percent	percent
Rating Unit	7 DA-B	7 DA-B	7 DA-B	7 DA-B	14 DA-B	14 DA-B	14 DA-B
Trt-Eval Interval	0	0	0	0	0	0	0
Number of Decimals							

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Appl Timing	Appl Code							
1	Sonic	70	WG	4.5 oz/a	PRE	A	99	100	100	100	0	100	100
	Enlist Duo	3.33	L	4.75 pt/a	POST	B							
	AMS		WG	17 lb/100 gal	POST	B							
2	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	98	100	0	100	100
	Enlist One	3.8	L	2 pt/a	POST	B							
	Durango DMA	4	SL	32 fl oz/a	POST	B							
	AMS		WG	17 lb/100 gal	POST	B							
3	Sonic	70	WG	4.5 oz/a	PRE	A	97	100	99	100	0	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B							
	AMS		WG	17 lb/100 gal	POST	B							
4	Sonic	70	WG	4.5 oz/a	PRE	A	98	100	99	100	4	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B							
	Enlist One	3.8	L	2 pt/a	POST	B							
	Durango DMA	4	SL	32 fl oz/a	POST	B							
	AMS		WG	17 lb/100 gal	POST	B							
5	Sonic	70	WG	4.5 oz/a	PRE	A	93	100	98	100	0	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B							
	Enlist One	3.8	L	2 pt/a	POST	B							
	Select Max	0.97	L	9 fl oz/a	POST	B							
	Crop oil concentrate		L	1 % v/v	POST	B							
	AMS		WG	17 lb/100 gal	POST	B							
6	Untreated						0	0	0	0	0	0	0
7	Sonic	70	WG	4.5 oz/a	PRE	A	99	100	100	100	2	100	100
	EverpreX	7.62	L	1 pt/a	POST	B							
	Enlist One	3.8	L	2 pt/a	POST	B							
	Durango DMA	4	SL	32 fl oz/a	POST	B							
	AMS		WG	17 lb/100 gal	POST	B							
8	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	100	100	100	3	100	100
	Enlist Duo	3.33	L	3.5 pt/a	POST	B							
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B							
	AMS		WG	17 lb/100 gal	POST	B							
9	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	98	100	100	100	3	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B							
	Roundup PowerMax	4.5	SL	32 fl oz/a	POST	B							
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B							
	AMS		WG	17 lb/100 gal	POST	B							
10	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	98	100	99	100	0	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B							
	Enlist One	3.8	L	32 fl oz/a	POST	B							
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B							
	AMS		WG	17 lb/100 gal	POST	B							
11	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	100	100	100	0	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B							
	Enlist One	3.8	L	32 fl oz/a	POST	B							
	Roundup PowerMax	4.5	SL	32 fl oz/a	POST	B							
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B							
	AMS		WG	17 lb/100 gal	POST	B							

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Project ID:

Study Director: Sprague, Powell, Stiles

Sponsor Contact:

Pest Code		ANGR	CHEAL	AMBEL	ABUTH		ANGR	CHEAL
Crop Type, Code						C GLXMA		
Rating Date		Jul-2-2020	Jul-2-2020	Jul-2-2020	Jul-2-2020	Jul-9-2020	Jul-9-2020	Jul-9-2020
Rating Type		control	control	control	control	injury	control	control
Rating Unit		percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval		7 DA-B	7 DA-B	7 DA-B	7 DA-B	14 DA-B	14 DA-B	14 DA-B
Number of Decimals		0	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Appl Timing	Appl Code							
12	Zidua PRO	4.09	L	6	fl oz/a	PRE	A	100	100	100	100	6	100	100
	Flexstar	1.88	L	1	pt/a	POST	B							
	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B							
	MSO		L	1	% v/v	POST	B							
	AMS		WG	17	lb/100 gal	POST	B							
	LSD P=.05							2.6	.	2.3	.	3.0	.	.
	Standard Deviation							1.8	0.0	1.6	0.0	2.1	0.0	0.0
	CV							2.0	0.0	1.75	0.0	140.47	0.0	0.0

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Project ID:

Study Director: Sprague, Powell, Stiles

Sponsor Contact:

Pest Code	AMAPO	AMBEL	C GLXMA	ANGR	CHEAL	AMAPO
Crop Type, Code	Jul-9-2020	Jul-9-2020	Jul-23-2020	Jul-23-2020	Jul-23-2020	Jul-23-2020
Rating Date	control	control	injury	control	control	control
Rating Type	percent	percent	percent	percent	percent	percent
Rating Unit	14 DA-B	14 DA-B	28 DA-B	28 DA-B	28 DA-B	28 DA-B
Trt-Eval Interval	0	0	0	0	0	0
Number of Decimals						

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Appl Timing	Appl Code						
1	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	0	100	100	100
	Enlist Duo	3.33	L	4.75 pt/a	POST	B						
	AMS		WG	17 lb/100 gal	POST	B						
2	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	0	100	100	100
	Enlist One	3.8	L	2 pt/a	POST	B						
	Durango DMA	4	SL	32 fl oz/a	POST	B						
	AMS		WG	17 lb/100 gal	POST	B						
3	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	0	97	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B						
	AMS		WG	17 lb/100 gal	POST	B						
4	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	0	99	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B						
	Enlist One	3.8	L	2 pt/a	POST	B						
	Durango DMA	4	SL	32 fl oz/a	POST	B						
	AMS		WG	17 lb/100 gal	POST	B						
5	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	0	99	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B						
	Enlist One	3.8	L	2 pt/a	POST	B						
	Select Max	0.97	L	9 fl oz/a	POST	B						
	Crop oil concentrate		L	1 % v/v	POST	B						
	AMS		WG	17 lb/100 gal	POST	B						
6	Untreated						0	0	0	0	0	0
7	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	0	100	100	100
	EverpreX	7.62	L	1 pt/a	POST	B						
	Enlist One	3.8	L	2 pt/a	POST	B						
	Durango DMA	4	SL	32 fl oz/a	POST	B						
	AMS		WG	17 lb/100 gal	POST	B						
8	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	100	0	100	100	100
	Enlist Duo	3.33	L	3.5 pt/a	POST	B						
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B						
	AMS		WG	17 lb/100 gal	POST	B						
9	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	100	0	100	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B						
	Roundup PowerMax	4.5	SL	32 fl oz/a	POST	B						
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B						
	AMS		WG	17 lb/100 gal	POST	B						
10	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	100	0	100	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B						
	Enlist One	3.8	L	32 fl oz/a	POST	B						
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B						
	AMS		WG	17 lb/100 gal	POST	B						
11	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	100	0	100	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B						
	Enlist One	3.8	L	32 fl oz/a	POST	B						
	Roundup PowerMax	4.5	SL	32 fl oz/a	POST	B						
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B						
	AMS		WG	17 lb/100 gal	POST	B						

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Project ID:

Study Director: Sprague, Powell, Stiles

Sponsor Contact:

Pest Code	AMAPO	AMBEL	C GLXMA	ANGR	CHEAL	AMAPO
Crop Type, Code						
Rating Date	Jul-9-2020	Jul-9-2020	Jul-23-2020	Jul-23-2020	Jul-23-2020	Jul-23-2020
Rating Type	control	control	injury	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-B	14 DA-B	28 DA-B	28 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 Unit	Rate	Appl Timing	Appl Code	AMAPO	AMBEL	C GLXMA	ANGR	CHEAL	AMAPO
12	Zidua PRO	4.09 L	L	6 fl oz/a	6	PRE	A	100	100	0	100	100	100
	Flexstar	1.88 L	L	1 pt/a	1	POST	B						
	Roundup PowerMax	4.5 SL	SL	32 fl oz/a	32	POST	B						
	MSO	L	L	1 % v/v	1	POST	B						
	AMS	WG	WG	17 lb/100 gal	17	POST	B						
	LSD P=.05										1.3		
	Standard Deviation							0.0	0.0	0.0	0.9	0.0	0.0
	CV							0.0	0.0	0.0	0.99	0.0	0.0

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Project ID:

Study Director: Sprague, Powell, Stiles

Sponsor Contact:

Pest Code	AMBEL	ABUTH	ANGR	CHEAL	AMAPO	AMBEL
Crop Type, Code						
Rating Date	Jul-23-2020	Jul-23-2020	Oct-14-2020	Oct-14-2020	Oct-14-2020	Oct-14-2020
Rating Type	control	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	28 DA-B	28 DA-B	111 DA-B	111 DA-B	111 DA-B	111 DA-B
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Appl Timing	Appl Code					
1	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	94	100	100
	Enlist Duo	3.33	L	4.75 pt/a	POST	B					
	AMS		WG	17 lb/100 gal	POST	B					
2	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	99	100	100
	Enlist One	3.8	L	2 pt/a	POST	B					
	Durango DMA	4	SL	32 fl oz/a	POST	B					
	AMS		WG	17 lb/100 gal	POST	B					
3	Sonic	70	WG	4.5 oz/a	PRE	A	97	100	89	100	98
	Liberty	2.34	L	32 fl oz/a	POST	B					
	AMS		WG	17 lb/100 gal	POST	B					
4	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	95	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B					
	Enlist One	3.8	L	2 pt/a	POST	B					
	Durango DMA	4	SL	32 fl oz/a	POST	B					
	AMS		WG	17 lb/100 gal	POST	B					
5	Sonic	70	WG	4.5 oz/a	PRE	A	99	100	93	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B					
	Enlist One	3.8	L	2 pt/a	POST	B					
	Select Max	0.97	L	9 fl oz/a	POST	B					
	Crop oil concentrate		L	1 % v/v	POST	B					
	AMS		WG	17 lb/100 gal	POST	B					
6	Untreated						0	0	0	0	0
7	Sonic	70	WG	4.5 oz/a	PRE	A	100	100	100	100	100
	EverpreX	7.62	L	1 pt/a	POST	B					
	Enlist One	3.8	L	2 pt/a	POST	B					
	Durango DMA	4	SL	32 fl oz/a	POST	B					
	AMS		WG	17 lb/100 gal	POST	B					
8	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	100	100	100	100
	Enlist Duo	3.33	L	3.5 pt/a	POST	B					
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B					
	AMS		WG	17 lb/100 gal	POST	B					
9	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	98	100	100	100	96
	Liberty	2.34	L	32 fl oz/a	POST	B					
	Roundup PowerMax	4.5	SL	32 fl oz/a	POST	B					
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B					
	AMS		WG	17 lb/100 gal	POST	B					
10	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	100	98	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B					
	Enlist One	3.8	L	32 fl oz/a	POST	B					
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B					
	AMS		WG	17 lb/100 gal	POST	B					
11	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	100	100	100	100
	Liberty	2.34	L	32 fl oz/a	POST	B					
	Enlist One	3.8	L	32 fl oz/a	POST	B					
	Roundup PowerMax	4.5	SL	32 fl oz/a	POST	B					
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B					
	AMS		WG	17 lb/100 gal	POST	B					

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Project ID:

Study Director: Sprague, Powell, Stiles

Sponsor Contact:

Pest Code	AMBEL	ABUTH	ANGR	CHEAL	AMAPO	AMBEL
Crop Type, Code						
Rating Date	Jul-23-2020	Jul-23-2020	Oct-14-2020	Oct-14-2020	Oct-14-2020	Oct-14-2020
Rating Type	control	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	28 DA-B	28 DA-B	111 DA-B	111 DA-B	111 DA-B	111 DA-B
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Appl Timing	Appl Code					
12	Zidua PRO	4.09	L	6	fl oz/a	PRE	A	100	100	99	100	100
	Flexstar	1.88	L	1	pt/a	POST	B					98
	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
	MSO		L	1	% v/v	POST	B					
	AMS		WG	17	lb/100 gal	POST	B					
	LSD P=.05							2.3	.	5.5	.	3.4
	Standard Deviation							1.6	0.0	3.8	0.0	2.4
	CV							1.79	0.0	4.3	0.0	2.63

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Study Director: Sprague, Powell, Stiles

Sponsor Contact:

Pest Code	ABUTH			
Crop Type, Code		C GLXMA	C GLXMA	
Rating Date	Oct-14-2020	Oct-14-2020	Oct-14-2020	
Rating Type	control	moisture	yield	
Rating Unit	percent	percent	bu/A	
Trt-Eval Interval	111 DA-B	111 DA-B	at 13% M	
Number of Decimals	0	1	1	

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Appl Timing	Appl Code			
1	Sonic	70	WG	4.5 oz/a	PRE	A	100	13.3	54.4
	Enlist Duo	3.33	L	4.75 pt/a	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			
2	Sonic	70	WG	4.5 oz/a	PRE	A	100	12.6	50.3
	Enlist One	3.8	L	2 pt/a	POST	B			
	Durango DMA	4	SL	32 fl oz/a	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			
3	Sonic	70	WG	4.5 oz/a	PRE	A	100	13.0	57.3
	Liberty	2.34	L	32 fl oz/a	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			
4	Sonic	70	WG	4.5 oz/a	PRE	A	100	12.8	56.8
	Liberty	2.34	L	32 fl oz/a	POST	B			
	Enlist One	3.8	L	2 pt/a	POST	B			
	Durango DMA	4	SL	32 fl oz/a	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			
5	Sonic	70	WG	4.5 oz/a	PRE	A	100	13.1	51.8
	Liberty	2.34	L	32 fl oz/a	POST	B			
	Enlist One	3.8	L	2 pt/a	POST	B			
	Select Max	0.97	L	9 fl oz/a	POST	B			
	Crop oil concentrate		L	1 % v/v	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			
6	Untreated						0	12.9	23.2
7	Sonic	70	WG	4.5 oz/a	PRE	A	100	12.7	51.0
	EverpreX	7.62	L	1 pt/a	POST	B			
	Enlist One	3.8	L	2 pt/a	POST	B			
	Durango DMA	4	SL	32 fl oz/a	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			
8	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	12.7	53.5
	Enlist Duo	3.33	L	3.5 pt/a	POST	B			
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			
9	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	13.0	57.5
	Liberty	2.34	L	32 fl oz/a	POST	B			
	Roundup PowerMax	4.5	SL	32 fl oz/a	POST	B			
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			
10	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	13.0	54.5
	Liberty	2.34	L	32 fl oz/a	POST	B			
	Enlist One	3.8	L	32 fl oz/a	POST	B			
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			
11	Zidua PRO	4.09	L	4.5 fl oz/a	PRE	A	100	13.0	57.3
	Liberty	2.34	L	32 fl oz/a	POST	B			
	Enlist One	3.8	L	32 fl oz/a	POST	B			
	Roundup PowerMax	4.5	SL	32 fl oz/a	POST	B			
	Zidua SC	4.17	L	2.5 fl oz/a	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			

Comparison of various weed control programs in Enlist soybean

Trial ID: SOY04-20

Location: Campus, T-10

Trial Year: 2020

Protocol ID: SOY04-20

Investigator (Creator): Christy Sprague

Project ID:

Study Director: Sprague, Powell, Stiles

Sponsor Contact:

Pest Code	ABUTH		
Crop Type, Code		C GLXMA	C GLXMA
Rating Date	Oct-14-2020	Oct-14-2020	Oct-14-2020
Rating Type	control	moisture	yield
Rating Unit	percent	percent	bu/A
Trt-Eval Interval	111 DA-B	111 DA-B	at 13% M
Number of Decimals	0	1	1

Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Appl Timing	Appl Code			
12	Zidua PRO	4.09	L	6 fl oz/a	PRE	A	100	12.7	53.6
	Flexstar	1.88	L	1 pt/a	POST	B			
	Roundup PowerMax	4.5	SL	32 fl oz/a	POST	B			
	MSO		L	1 % v/v	POST	B			
	AMS		WG	17 lb/100 gal	POST	B			
	LSD P=.05							1.15	10.85
	Standard Deviation						0.0	0.80	7.54
	CV						0.0	6.2	14.57