

Comparison of commercial weed control programs in Enlist E3 soybean

Trial ID: SOY19-22 Study Dir.: Sprague, Stiles, Powell
 Conducted: Campus, T-12 Investigator:

Planting Date: May-17-2022 **Row Spacing:** 30 IN
Variety: P24T35E **No. of Reps:** 4
Population: 150000 seeds/A **% OM:** 3.7
Soil Type: CL clay loam **pH:** 6.7
Plot Size: 10 X 35 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	annual grass	mainly foxtail species
2	CHEAL	common lambsquarters	Chenopodium album
3	AMAPO	Powell amaranth	Amaranthus powellii
4	AMBEL	common ragweed	Ambrosia artemisiifolia
5	ABUTH	velvetleaf	Abutilon theophrasti
6	SINAR	wild mustard	Sinapis arvensis
Crop	Code	Common Name	
1	GLXMA	Soybean	

Application Description

	A	B	C
Application Timing:	PRE	EPOS	POST
Date Treated:	May-17-2022	Jun-13-2022	Jun-20-2022
Time Treated:	6:00 PM	9:20 AM	10:30 AM
% Cloud Cover:	30	0	10
Air Temp., Unit:	67 F	67 F	74 F
% Relative Humidity:	38	67	52
Wind Speed/Unit/Dir:	8 MPH NW	1.4 MPH NW	6 MPH SW
Soil Temp, Unit:	70 F	67 F	70 F
Leaf Moist/Dew Presence (Y/N):	N	N	N
Soil Moist:	5	5	5

Crop Stage at Each Application

	A	B	C
Crop 1 Name:	GLXMA	GLXMA	GLXMA
Height:		2-4 " (4)	6 "
Stage:		V1-V2 (V1)	V3

Weed Stage at Each Application

	A	B	C
Weed 1 Name:	ANGR	ANGR	ANGR
Height:		7-9 " (7)	3-7 " (5)
Stage:		3L-5L (4 L)	4L-8L (6 L)
Weed 2 Name:	CHEAL	CHEAL	CHEAL
Height:		1-2 " (2)	
Stage:		4L	
Weed 3 Name:	AMAPO	AMAPO	AMAPO
Height:			
Stage:			
Weed 4 Name:	AMBEL	AMBEL	AMBEL
Height:		1-2 " (2)	2-6 " (4)
Stage:		4L	2L-12L (7 L)
Weed 5 Name:	ABUTH	ABUTH	ABUTH
Height:			
Stage:			
Weed 6 Name:	SINAR	SINAR	SINAR
Height:		1-3 " (3)	6 "
Stage:		4L-6L (5 L)	FLOWER

Weed Density

	1	2	3	4	5	6
Date:	Jun-20-2022	Jun-20-2022	Jun-20-2022	Jun-20-2022	Jun-20-2022	Jun-20-2022
Weed Name:	ANGR	CHEAL	AMAPO	AMBEL	ABUTH	SINAR
Density:	10 FT2	1 FT2	1 FT2	3 FT2	1 FT2	1 FT2

Application Equipment

Comparison of commercial weed control programs in Enlist E3 soybean

Trial ID: SOY19-22

Study Dir.: Sprague, Stiles, Powell

Conducted: Campus, T-12

Investigator:

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	18.0 "	20 "	100 "	19 GAL/AC	WATER	30 PSI
B	CUB	3.8 MPH	AIXR	11003	18.0 "	20 "	100 "	19 GAL/AC	WATER	30 PSI
C	CUB	3.8 MPH	AIXR	11003	26.0 "	20 "	100 "	19 GAL/AC	WATER	30 PSI

Comments:

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 Project ID: Project ID 2: Project ID 3:
 Study Director: Sprague, Stiles, Powell Sponsor Contact:
 Investigator (Creator): Christy Sprague

Pest Code	ANGR	CHEAL	AMAPO	AMBEL	ABUTH	SINAR
Crop Type, Code	C, GLXMA					
Rating Date	Jun-8-2022	Jun-8-2022	Jun-8-2022	Jun-8-2022	Jun-8-2022	Jun-8-2022
Rating Type	injury	control	control	control	control	control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code						
1	Zidua PRO	4.5 fl oz/a		PRE	A	7	90	100	100	100	100
	Liberty	32 fl oz/a		POST	C						
	Roundup PowerMax	30 fl oz/a		POST	C						
	AMS	3 lb/a		POST	C						
2	Preview 2.1	25 fl oz/a		PRE	A	1	96	100	100	99	100
	InterMoc	2 qt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
3	Verdict	5 fl oz/a		PRE	A	9	93	100	100	99	100
	Metribuzin	5 oz/a		PRE	A						
	Liberty	32 fl oz/a		POST	C						
	Roundup PowerMax	30 fl oz/a		POST	C						
	AMS	3 lb/a		POST	C						
4	Valor EZ	2 fl oz/a		PRE	A	7	80	100	100	94	100
	Mauler	8 fl oz/a		PRE	A						
	Warrant	3 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Liberty	32 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
5	Fierce MTZ	1 pt/a		PRE	A	7	98	100	100	99	100
	Warrant	3 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Liberty	32 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
6	Untreated					0	0	0	0	0	0
7	Kyber	1 pt/a		PRE	A	6	96	100	100	99	100
	Enlist Duo	4.75 pt/a		POST	C						
	AMSOL	2.4 qt/a		POST	C						
8	Authority Edge	7 fl oz/a		PRE	A	6	99	100	100	96	100
	Metribuzin	6 oz/a		PRE	A						
	Anthem MAXX	3 fl oz/a		POST	C						
	Enlist Duo	4.75 pt/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
9	Fierce EZ	6 fl oz/a		PRE	A	7	98	100	100	99	100
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						
10	FirstRate	0.6 oz/a		PRE	A	3	98	100	100	100	100
	Fierce EZ	6 fl oz/a		PRE	A						
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						
11	Fierce XLT	4 oz/a		PRE	A	8	100	100	100	100	100
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						

Missing data estimates are included in columns: Average=36,37
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Investigator (Creator): Christy Sprague

Pest Code				ANGR	CHEAL	AMAPO	AMBEL	ABUTH	SINAR			
Crop Type, Code	C, GLXMA											
Rating Date	Jun-8-2022	Jun-8-2022	Jun-8-2022	Jun-8-2022	Jun-8-2022	Jun-8-2022	Jun-8-2022	Jun-8-2022	Jun-8-2022			
Rating Type	injury	control	control	control	control	control	control	control	control			
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100			
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A			
Number of Decimals	0	0	0	0	0	0	0	0	0			
Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code							
12	Boundary Sequence	1.75	pt/a	PRE	A	3	99	98	100	91	98	100
	Enlist One	2.75	pt/a	POST	C							
	Class Act Ridion	2	pt/a	POST	C							
		1	% v/v	POST	C							
13	Tendovo Sequence	1.75	qt/a	PRE	A	4	99	100	100	99	100	100
	Enlist One	2.75	pt/a	POST	C							
	Class Act Ridion	2	pt/a	POST	C							
		1	% v/v	POST	C							
14	Authority Edge	8	fl oz/a	PRE	A	4	99	100	100	99	100	100
	Metribuzin	6	oz/a	PRE	A							
	Liberty	32	fl oz/a	POST	C							
	Enlist One	2	pt/a	POST	C							
	AMS	17	lb/100 gal	POST	C							
15	Kyber	1	pt/a	PRE	A	4	98	100	100	99	100	100
	Enlist One	2	pt/a	POST	C							
	Liberty	32	fl oz/a	POST	C							
	Crop oil concentrate	1	% v/v	POST	C							
	AMSOL	3	qt/a	POST	C							
16	Preview 2.1	25	fl oz/a	PRE	A	10	99	100	100	100	100	100
	Interline	29	fl oz/a	POST	C							
	Enlist One	2	pt/a	POST	C							
	Roundup PowerMax 3	30	fl oz/a	POST	C							
	AMS	17	lb/100 gal	POST	C							
17	Roundup PowerMax 3	30	fl oz/a	EPOS	B	0	0	0	0	0	0	0
	AMS	17	lb/100 gal	EPOS	B							
18	Liberty	32	fl oz/a	EPOS	B	0	0	0	0	0	0	0
	AMS	17	lb/100 gal	EPOS	B							
19	Roundup PowerMax 3	30	fl oz/a	EPOS	B	0	0	0	0	0	0	0
	Liberty	32	fl oz/a	EPOS	B							
	AMS	17	lb/100 gal	EPOS	B							
20	Enlist Duo	4.75	pt/a	EPOS	B	0	0	0	0	0	0	0
	AMS	17	lb/100 gal	EPOS	B							
21	Liberty	32	fl oz/a	EPOS	B	0	0	0	0	0	0	0
	Enlist One	2	pt/a	EPOS	B							
	AMS	17	lb/100 gal	EPOS	B							
	LSD P=.05					4.6	8.3	1.5	.	4.5	1.5	0.8
	Standard Deviation					3.3	5.9	1.1	0.0	3.1	1.1	0.5
	CV					81.36	8.59	1.53	0.0	4.49	1.53	0.76

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Crop Type, Code	C, GLXMA					
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Rating Type	injury	control	control	control	control	control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	7 DA-B	7 DA-B	7 DA-B	7 DA-B	7 DA-B	7 DA-B
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code						
1	Zidua PRO	4.5 fl oz/a		PRE	A	0	82	100	100	98	100
	Liberty	32 fl oz/a		POST	C						
	Roundup PowerMax	30 fl oz/a		POST	C						
	AMS	3 lb/a		POST	C						
2	Preview 2.1	25 fl oz/a		PRE	A	0	90	100	100	96	100
	InterMoc	2 qt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
3	Verdict	5 fl oz/a		PRE	A	0	84	100	100	93	95
	Metribuzin	5 oz/a		PRE	A						
	Liberty	32 fl oz/a		POST	C						
	Roundup PowerMax	30 fl oz/a		POST	C						
	AMS	3 lb/a		POST	C						
4	Valor EZ	2 fl oz/a		PRE	A	0	71	100	100	86	100
	Mauler	8 fl oz/a		PRE	A						
	Warrant	3 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Liberty	32 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
5	Fierce MTZ	1 pt/a		PRE	A	0	96	100	100	99	100
	Warrant	3 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Liberty	32 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
6	Untreated					0	0	0	0	0	0
7	Kyber	1 pt/a		PRE	A	0	92	100	100	95	100
	Enlist Duo	4.75 pt/a		POST	C						
	AMSOL	2.4 qt/a		POST	C						
8	Authority Edge	7 fl oz/a		PRE	A	1	96	100	100	96	100
	Metribuzin	6 oz/a		PRE	A						
	Anthem MAXX	3 fl oz/a		POST	C						
	Enlist Duo	4.75 pt/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
9	Fierce EZ	6 fl oz/a		PRE	A	0	96	99	100	99	100
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						
10	FirstRate	0.6 oz/a		PRE	A	0	95	100	100	98	100
	Fierce EZ	6 fl oz/a		PRE	A						
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						
11	Fierce XLT	4 oz/a		PRE	A	1	99	100	100	100	100
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						

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Pest Code				ANGR	CHEAL	AMAPO	AMBEL	ABUTH			
Crop Type, Code		C, GLXMA									
Rating Date		Jun-20-2022	Jun-20-2022	Jun-20-2022	Jun-20-2022	Jun-20-2022	Jun-20-2022	Jun-20-2022			
Rating Type		injury	control	control	control	control	control	control			
Rating Unit/Min/Max		%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100			
Trt-Eval Interval		7 DA-B	7 DA-B	7 DA-B	7 DA-B	7 DA-B	7 DA-B	7 DA-B			
Number of Decimals		0	0	0	0	0	0	0			
Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code						
12	Boundary Sequence	1.75	pt/a	PRE	A	0	96	100	100		
	Enlist One	2.75	pt/a	POST	C						
	Class Act Ridion	2	pt/a	POST	C						
		1	% v/v	POST	C						
13	Tendovo Sequence	1.75	qt/a	PRE	A	0	98	100	100		
	Enlist One	2.75	pt/a	POST	C						
	Class Act Ridion	2	pt/a	POST	C						
		1	% v/v	POST	C						
14	Authority Edge	8	fl oz/a	PRE	A	0	96	100	100		
	Metribuzin	6	oz/a	PRE	A						
	Liberty	32	fl oz/a	POST	C						
	Enlist One	2	pt/a	POST	C						
	AMS	17	lb/100 gal	POST	C						
15	Kyber	1	pt/a	PRE	A	1	89	100	100		
	Enlist One	2	pt/a	POST	C						
	Liberty	32	fl oz/a	POST	C						
	Crop oil concentrate	1	% v/v	POST	C						
	AMSOL	3	qt/a	POST	C						
16	Preview 2.1	25	fl oz/a	PRE	A	1	93	100	100		
	Interline	29	fl oz/a	POST	C						
	Enlist One	2	pt/a	POST	C						
	Roundup PowerMax 3	30	fl oz/a	POST	C						
	AMS	17	lb/100 gal	POST	C						
17	Roundup PowerMax 3	30	fl oz/a	EPOS	B	0	99	100	100		
	AMS	17	lb/100 gal	EPOS	B						
18	Liberty	32	fl oz/a	EPOS	B	2	94	99	100		
	AMS	17	lb/100 gal	EPOS	B						
19	Roundup PowerMax 3	30	fl oz/a	EPOS	B	1	99	100	100		
	Liberty	32	fl oz/a	EPOS	B						
	AMS	17	lb/100 gal	EPOS	B						
20	Enlist Duo	4.75	pt/a	EPOS	B	3	92	100	100		
	AMS	17	lb/100 gal	EPOS	B						
21	Liberty	32	fl oz/a	EPOS	B	3	92	100	100		
	Enlist One	2	pt/a	EPOS	B						
	AMS	17	lb/100 gal	EPOS	B						
LSD P=.05						1.1	10.4	0.7	.	7.7	3.2
Standard Deviation						0.8	7.3	0.5	0.0	5.4	2.2
CV						143.73	8.34	0.53	0.0	5.97	2.35

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Pest Code	SINAR	C, GLXMA	ANGR	CHEAL	AMAPO	AMBEL
Crop Type, Code	Jun-20-2022	Jun-27-2022	Jun-27-2022	Jun-27-2022	Jun-27-2022	Jun-27-2022
Rating Date	control	injury	control	control	control	control
Rating Type	% , 0, 100	% , 0, 100	% , 0, 100	% , 0, 100	% , 0, 100	% , 0, 100
Rating Unit/Min/Max	7 DA-B	7 DA-C	7 DA-C	7 DA-C	7 DA-C	7 DA-C
Trt-Eval Interval	0	0	0	0	0	0
Number of Decimals						

Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code						
1	Zidua PRO	4.5 fl oz/a		PRE	A	100	1	100	100	100	100
	Liberty	32 fl oz/a		POST	C						
	Roundup PowerMax	30 fl oz/a		POST	C						
	AMS	3 lb/a		POST	C						
2	Preview 2.1	25 fl oz/a		PRE	A	100	3	100	100	100	100
	InterMoc	2 qt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
3	Verdict	5 fl oz/a		PRE	A	100	1	99	100	100	100
	Metribuzin	5 oz/a		PRE	A						
	Liberty	32 fl oz/a		POST	C						
	Roundup PowerMax	30 fl oz/a		POST	C						
	AMS	3 lb/a		POST	C						
4	Valor EZ	2 fl oz/a		PRE	A	100	1	100	100	100	100
	Mauler	8 fl oz/a		PRE	A						
	Warrant	3 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Liberty	32 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
5	Fierce MTZ	1 pt/a		PRE	A	100	2	100	100	100	100
	Warrant	3 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Liberty	32 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
6	Untreated					0	0	0	0	0	0
7	Kyber	1 pt/a		PRE	A	100	2	100	100	100	99
	Enlist Duo	4.75 pt/a		POST	C						
	AMSOL	2.4 qt/a		POST	C						
8	Authority Edge	7 fl oz/a		PRE	A	100	14	100	100	100	98
	Metribuzin	6 oz/a		PRE	A						
	Anthem MAXX	3 fl oz/a		POST	C						
	Enlist Duo	4.75 pt/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
9	Fierce EZ	6 fl oz/a		PRE	A	100	16	100	100	100	100
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						
10	FirstRate	0.6 oz/a		PRE	A	100	14	100	100	100	100
	Fierce EZ	6 fl oz/a		PRE	A						
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						
11	Fierce XLT	4 oz/a		PRE	A	100	15	100	100	100	100
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
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Pest Code		SINAR		ANGR	CHEAL	AMAPO	AMBEL				
Crop Type, Code		C, GLXMA									
Rating Date		Jun-20-2022	Jun-27-2022	Jun-27-2022	Jun-27-2022	Jun-27-2022	Jun-27-2022				
Rating Type		control	injury	control	control	control	control				
Rating Unit/Min/Max		%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100				
Trt-Eval Interval		7 DA-B	7 DA-C	7 DA-C	7 DA-C	7 DA-C	7 DA-C				
Number of Decimals		0	0	0	0	0	0				
Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code						
12	Boundary Sequence	1.75	pt/a	PRE	A	100	2	100	99	100	91
	Enlist One	2.75	pt/a	POST	C						
	Class Act Ridion	2	pt/a	POST	C						
		1	% v/v	POST	C						
13	Tendovo Sequence	1.75	qt/a	PRE	A	100	3	99	100	100	100
	Enlist One	2.75	pt/a	POST	C						
	Class Act Ridion	2	pt/a	POST	C						
		1	% v/v	POST	C						
14	Authority Edge	8	fl oz/a	PRE	A	100	2	100	100	100	100
	Metribuzin	6	oz/a	PRE	A						
	Liberty	32	fl oz/a	POST	C						
	Enlist One	2	pt/a	POST	C						
	AMS	17	lb/100 gal	POST	C						
15	Kyber	1	pt/a	PRE	A	100	3	100	100	100	100
	Enlist One	2	pt/a	POST	C						
	Liberty	32	fl oz/a	POST	C						
	Crop oil concentrate	1	% v/v	POST	C						
	AMSOL	3	qt/a	POST	C						
16	Preview 2.1	25	fl oz/a	PRE	A	100	2	100	100	100	100
	Interline	29	fl oz/a	POST	C						
	Enlist One	2	pt/a	POST	C						
	Roundup PowerMax 3	30	fl oz/a	POST	C						
	AMS	17	lb/100 gal	POST	C						
17	Roundup PowerMax 3	30	fl oz/a	EPOS	B	100	0	98	98	100	93
	AMS	17	lb/100 gal	EPOS	B						
18	Liberty	32	fl oz/a	EPOS	B	99	0	90	89	100	96
	AMS	17	lb/100 gal	EPOS	B						
19	Roundup PowerMax 3	30	fl oz/a	EPOS	B	99	0	98	98	99	94
	Liberty	32	fl oz/a	EPOS	B						
	AMS	17	lb/100 gal	EPOS	B						
20	Enlist Duo	4.75	pt/a	EPOS	B	100	3	81	100	100	98
	AMS	17	lb/100 gal	EPOS	B						
21	Liberty	32	fl oz/a	EPOS	B	99	2	93	100	100	100
	Enlist One	2	pt/a	EPOS	B						
	AMS	17	lb/100 gal	EPOS	B						
	LSD P=.05					0.9	1.6	3.4	1.3	0.5	3.7
	Standard Deviation					0.7	1.1	2.4	0.9	0.4	2.6
	CV					0.7	28.18	2.55	0.98	0.4	2.76

Missing data estimates are included in columns: Average=36,37
 Could not calculate LSD (% mean diff) for columns 4,11,29 because error mean square = 0.

Michigan State University

Comparison of commercial weed control programs in Enlist E3 soybean

Trial ID: SOY19-22
 Protocol ID: SOY19-22 Location: Campus, T-12 Trial Year: 2022
 Project ID: Project ID 2: Project ID 3:
 Study Director: Sprague, Stiles, Powell Sponsor Contact:
 Investigator (Creator): Christy Sprague

Pest Code	ABUTH	SINAR	C, GLXMA	ANGR	CHEAL	AMAPO	AMBEL
Crop Type, Code							
Rating Date	Jun-27-2022	Jun-27-2022	Jul-5-2022	Jul-5-2022	Jul-5-2022	Jul-5-2022	Jul-5-2022
Rating Type	control	control	injury	control	control	control	control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	7 DA-C	7 DA-C	15 DA-C	15 DA-C	15 DA-C	15 DA-C	15 DA-C
Number of Decimals	0	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code	ABUTH	SINAR	C, GLXMA	ANGR	CHEAL	AMAPO	AMBEL
1	Zidua PRO	4.5 fl oz/a		PRE	A	100	100	0	100	100	100	100
	Liberty	32 fl oz/a		POST	C							
	Roundup PowerMax	30 fl oz/a		POST	C							
	AMS	3 lb/a		POST	C							
2	Preview 2.1	25 fl oz/a		PRE	A	100	100	4	100	100	100	100
	InterMoc	2 qt/a		POST	C							
	Roundup PowerMax 3	30 fl oz/a		POST	C							
	AMS	17 lb/100 gal		POST	C							
3	Verdict	5 fl oz/a		PRE	A	100	100	0	99	100	100	100
	Metribuzin	5 oz/a		PRE	A							
	Liberty	32 fl oz/a		POST	C							
	Roundup PowerMax	30 fl oz/a		POST	C							
	AMS	3 lb/a		POST	C							
4	Valor EZ	2 fl oz/a		PRE	A	100	100	1	100	100	100	100
	Mauler	8 fl oz/a		PRE	A							
	Warrant	3 pt/a		POST	C							
	Roundup PowerMax 3	30 fl oz/a		POST	C							
	Liberty	32 fl oz/a		POST	C							
	AMS	17 lb/100 gal		POST	C							
5	Fierce MTZ	1 pt/a		PRE	A	100	100	1	100	100	100	100
	Warrant	3 pt/a		POST	C							
	Roundup PowerMax 3	30 fl oz/a		POST	C							
	Liberty	32 fl oz/a		POST	C							
	AMS	17 lb/100 gal		POST	C							
6	Untreated					0	0	0	0	0	0	0
7	Kyber	1 pt/a		PRE	A	100	100	0	100	100	100	100
	Enlist Duo	4.75 pt/a		POST	C							
	AMSOL	2.4 qt/a		POST	C							
8	Authority Edge	7 fl oz/a		PRE	A	100	100	7	100	100	100	100
	Metribuzin	6 oz/a		PRE	A							
	Anthem MAXX	3 fl oz/a		POST	C							
	Enlist Duo	4.75 pt/a		POST	C							
	AMS	17 lb/100 gal		POST	C							
9	Fierce EZ	6 fl oz/a		PRE	A	100	100	10	100	100	100	100
	Perpetuo	6 fl oz/a		POST	C							
	Enlist One	2 pt/a		POST	C							
	Roundup PowerMax 3	30 fl oz/a		POST	C							
	Surfactant	0.25 % v/v		POST	C							
	AMS	1.5 lb/a		POST	C							
10	FirstRate	0.6 oz/a		PRE	A	100	100	9	100	100	100	100
	Fierce EZ	6 fl oz/a		PRE	A							
	Perpetuo	6 fl oz/a		POST	C							
	Enlist One	2 pt/a		POST	C							
	Roundup PowerMax 3	30 fl oz/a		POST	C							
	Surfactant	0.25 % v/v		POST	C							
	AMS	1.5 lb/a		POST	C							
11	Fierce XLT	4 oz/a		PRE	A	100	100	9	100	100	100	100
	Perpetuo	6 fl oz/a		POST	C							
	Enlist One	2 pt/a		POST	C							
	Roundup PowerMax 3	30 fl oz/a		POST	C							
	Surfactant	0.25 % v/v		POST	C							
	AMS	1.5 lb/a		POST	C							

Missing data estimates are included in columns: Average=36,37
 Could not calculate LSD (% mean diff) for columns 4,11,29 because error mean square = 0.

Michigan State University

Comparison of commercial weed control programs in Enlist E3 soybean

Trial ID: SOY19-22

Protocol ID: SOY19-22 Location: Campus, T-12 Trial Year: 2022

Project ID: Project ID 2: Project ID 3:

Study Director: Sprague, Stiles, Powell Sponsor Contact:

Investigator (Creator): Christy Sprague

Pest Code				ABUTH	SINAR	C, GLXMA	ANGR	CHEAL	AMAPO	AMBEL	
Crop Type, Code											
Rating Date				Jun-27-2022	Jun-27-2022	Jul-5-2022	Jul-5-2022	Jul-5-2022	Jul-5-2022	Jul-5-2022	
Rating Type				control	control	injury	control	control	control	control	
Rating Unit/Min/Max				%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	
Trt-Eval Interval				7 DA-C	7 DA-C	15 DA-C	15 DA-C	15 DA-C	15 DA-C	15 DA-C	
Number of Decimals				0	0	0	0	0	0	0	
Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code						
12	Boundary Sequence	1.75	pt/a	PRE	A	100	100	3	100	100	100
	Enlist One	2.75	pt/a	POST	C						
	Class Act Ridion	2	pt/a	POST	C						
	Class Act Ridion	1	% v/v	POST	C						
13	Tendovo Sequence	1.75	qt/a	PRE	A	100	100	3	100	100	100
	Enlist One	2.75	pt/a	POST	C						
	Class Act Ridion	2	pt/a	POST	C						
	Class Act Ridion	1	% v/v	POST	C						
14	Authority Edge	8	fl oz/a	PRE	A	100	100	0	100	100	100
	Metribuzin	6	oz/a	PRE	A						
	Liberty	32	fl oz/a	POST	C						
	Enlist One	2	pt/a	POST	C						
	AMS	17	lb/100 gal	POST	C						
15	Kyber	1	pt/a	PRE	A	100	100	1	100	100	100
	Enlist One	2	pt/a	POST	C						
	Liberty	32	fl oz/a	POST	C						
	Crop oil concentrate	1	% v/v	POST	C						
	AMSOL	3	qt/a	POST	C						
16	Preview 2.1	25	fl oz/a	PRE	A	100	100	0	100	100	100
	Interline	29	fl oz/a	POST	C						
	Enlist One	2	pt/a	POST	C						
	Roundup PowerMax 3	30	fl oz/a	POST	C						
	AMS	17	lb/100 gal	POST	C						
17	Roundup PowerMax 3	30	fl oz/a	EPOS	B	100	99	0	91	89	85
	AMS	17	lb/100 gal	EPOS	B						
18	Liberty	32	fl oz/a	EPOS	B	94	95	0	84	82	88
	AMS	17	lb/100 gal	EPOS	B						
19	Roundup PowerMax 3	30	fl oz/a	EPOS	B	97	100	0	88	91	88
	Liberty	32	fl oz/a	EPOS	B						
	AMS	17	lb/100 gal	EPOS	B						
20	Enlist Duo	4.75	pt/a	EPOS	B	100	98	0	100	100	100
	AMS	17	lb/100 gal	EPOS	B						
21	Liberty	32	fl oz/a	EPOS	B	100	100	0	89	100	98
	Enlist One	2	pt/a	EPOS	B						
	AMS	17	lb/100 gal	EPOS	B						
	LSD P=.05					2.4	3.3	1.6	4.7	2.9	3.8
	Standard Deviation					1.7	2.3	1.2	3.3	2.1	2.7
	CV					1.8	2.43	54.91	3.55	2.22	2.84

Missing data estimates are included in columns: Average=36,37

Could not calculate LSD (% mean diff) for columns 4,11,29 because error mean square = 0.

Michigan State University

Comparison of commercial weed control programs in Enlist E3 soybean

Trial ID: SOY19-22
 Protocol ID: SOY19-22 Location: Campus, T-12 Trial Year: 2022
 Project ID: Project ID 2: Project ID 3:
 Study Director: Sprague, Stiles, Powell Sponsor Contact:
 Investigator (Creator): Christy Sprague

Pest Code	ABUTH	SINAR	C, GLXMA	ANGR	CHEAL	AMAPO	AMBEL
Crop Type, Code							
Rating Date	Jul-5-2022	Jul-5-2022	Jul-11-2022	Jul-11-2022	Jul-11-2022	Jul-11-2022	Jul-11-2022
Rating Type	control	control	injury	control	control	control	control
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100
Trt-Eval Interval	15 DA-C	15 DA-C	21 DA-C	21 DA-C	21 DA-C	21 DA-C	21 DA-C
Number of Decimals	0	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code						
1	Zidua PRO	4.5 fl oz/a		PRE	A	100	100	0	99	100	100
	Liberty	32 fl oz/a		POST	C						
	Roundup PowerMax	30 fl oz/a		POST	C						
	AMS	3 lb/a		POST	C						
2	Preview 2.1	25 fl oz/a		PRE	A	100	100	0	100	100	100
	InterMoc	2 qt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
3	Verdict	5 fl oz/a		PRE	A	100	100	0	96	98	97
	Metribuzin	5 oz/a		PRE	A						
	Liberty	32 fl oz/a		POST	C						
	Roundup PowerMax	30 fl oz/a		POST	C						
	AMS	3 lb/a		POST	C						
4	Valor EZ	2 fl oz/a		PRE	A	100	100	0	100	100	100
	Mauler	8 fl oz/a		PRE	A						
	Warrant	3 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Liberty	32 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
5	Fierce MTZ	1 pt/a		PRE	A	100	100	0	100	100	100
	Warrant	3 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Liberty	32 fl oz/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
6	Untreated					0	0	0	0	0	0
7	Kyber	1 pt/a		PRE	A	100	100	0	99	100	100
	Enlist Duo	4.75 pt/a		POST	C						
	AMSOL	2.4 qt/a		POST	C						
8	Authority Edge	7 fl oz/a		PRE	A	100	100	0	99	100	100
	Metribuzin	6 oz/a		PRE	A						
	Anthem MAXX	3 fl oz/a		POST	C						
	Enlist Duo	4.75 pt/a		POST	C						
	AMS	17 lb/100 gal		POST	C						
9	Fierce EZ	6 fl oz/a		PRE	A	100	100	0	100	100	100
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						
10	FirstRate	0.6 oz/a		PRE	A	100	100	0	99	100	100
	Fierce EZ	6 fl oz/a		PRE	A						
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						
11	Fierce XLT	4 oz/a		PRE	A	100	100	0	100	100	100
	Perpetuo	6 fl oz/a		POST	C						
	Enlist One	2 pt/a		POST	C						
	Roundup PowerMax 3	30 fl oz/a		POST	C						
	Surfactant	0.25 % v/v		POST	C						
	AMS	1.5 lb/a		POST	C						

Missing data estimates are included in columns: Average=36,37
 Could not calculate LSD (% mean diff) for columns 4,11,29 because error mean square = 0.

Michigan State University

Comparison of commercial weed control programs in Enlist E3 soybean

Trial ID: SOY19-22
 Protocol ID: SOY19-22 Location: Campus, T-12 Trial Year: 2022
 Project ID: Project ID 2: Project ID 3:
 Study Director: Sprague, Stiles, Powell Sponsor Contact:
 Investigator (Creator): Christy Sprague

Pest Code		ABUTH	SINAR	C, GLXMA	ANGR	CHEAL	AMAPO	AMBEL			
Crop Type, Code											
Rating Date		Jul-5-2022	Jul-5-2022	Jul-11-2022	Jul-11-2022	Jul-11-2022	Jul-11-2022	Jul-11-2022			
Rating Type		control	control	injury	control	control	control	control			
Rating Unit/Min/Max		%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100	%, 0, 100			
Trt-Eval Interval		15 DA-C	15 DA-C	21 DA-C	21 DA-C	21 DA-C	21 DA-C	21 DA-C			
Number of Decimals		0	0	0	0	0	0	0			
Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code						
12	Boundary Sequence	1.75	pt/a	PRE	A	100	100	0	100	100	100
	Enlist One	2.75	pt/a	POST	C						
	Class Act Ridion	2	pt/a	POST	C						
		1	% v/v	POST	C						
13	Tendovo Sequence	1.75	qt/a	PRE	A	100	100	0	100	100	100
	Enlist One	2.75	pt/a	POST	C						
	Class Act Ridion	2	pt/a	POST	C						
		1	% v/v	POST	C						
14	Authority Edge	8	fl oz/a	PRE	A	100	100	0	99	100	100
	Metribuzin	6	oz/a	PRE	A						
	Liberty	32	fl oz/a	POST	C						
	Enlist One	2	pt/a	POST	C						
	AMS	17	lb/100 gal	POST	C						
15	Kyber	1	pt/a	PRE	A	100	100	0	99	100	100
	Enlist One	2	pt/a	POST	C						
	Liberty	32	fl oz/a	POST	C						
	Crop oil concentrate	1	% v/v	POST	C						
	AMSOL	3	qt/a	POST	C						
16	Preview 2.1	25	fl oz/a	PRE	A	100	100	0	99	100	100
	Interline	29	fl oz/a	POST	C						
	Enlist One	2	pt/a	POST	C						
	Roundup PowerMax 3	30	fl oz/a	POST	C						
	AMS	17	lb/100 gal	POST	C						
17	Roundup PowerMax 3	30	fl oz/a	EPOS	B	100	100	0	84	83	85
	AMS	17	lb/100 gal	EPOS	B						
18	Liberty	32	fl oz/a	EPOS	B	90	87	0	79	75	84
	AMS	17	lb/100 gal	EPOS	B						
19	Roundup PowerMax 3	30	fl oz/a	EPOS	B	86	93	0	85	87	90
	Liberty	32	fl oz/a	EPOS	B						
	AMS	17	lb/100 gal	EPOS	B						
20	Enlist Duo	4.75	pt/a	EPOS	B	100	100	0	100	100	100
	AMS	17	lb/100 gal	EPOS	B						
21	Liberty	32	fl oz/a	EPOS	B	100	100	0	81	91	95
	Enlist One	2	pt/a	EPOS	B						
	AMS	17	lb/100 gal	EPOS	B						
	LSD P=.05					2.6	4.9	.	4.1	5.1	6.4
	Standard Deviation					1.8	3.5	0.0	2.9	3.6	4.5
	CV					1.92	3.69	0.0	3.18	3.93	4.85

Missing data estimates are included in columns: Average=36,37
 Could not calculate LSD (% mean diff) for columns 4,11,29 because error mean square = 0.

Michigan State University

Comparison of commercial weed control programs in Enlist E3 soybean

Trial ID: SOY19-22

Protocol ID: SOY19-22 Location: Campus, T-12 Trial Year: 2022

Project ID: Project ID 2: Project ID 3:

Study Director: Sprague, Stiles, Powell Sponsor Contact:

Investigator (Creator): Christy Sprague

Pest Code	ABUTH	SINAR	C, GLXMA	C, GLXMA
Crop Type, Code				
Rating Date	Jul-11-2022	Jul-11-2022	Oct-20-2022	Oct-20-2022
Rating Type	control	control	moisture	yield
Rating Unit/Min/Max	%, 0, 100	%, 0, 100	%, 0, 100	bu/A, -, -
Trt-Eval Interval	21 DA-C	21 DA-C	122 DA-C	at 13% M
Number of Decimals	0	0	1	1

Trt No.	Treatment Name	Rate	Unit	Appl Timing	Appl Code				
1	Zidua PRO	4.5 fl oz/a		PRE	A	100	100	16.7	76.2
	Liberty	32 fl oz/a		POST	C				
	Roundup PowerMax	30 fl oz/a		POST	C				
	AMS	3 lb/a		POST	C				
2	Preview 2.1	25 fl oz/a		PRE	A	100	100	17.2	72.9
	InterMoc	2 qt/a		POST	C				
	Roundup PowerMax 3	30 fl oz/a		POST	C				
	AMS	17 lb/100 gal		POST	C				
3	Verdict	5 fl oz/a		PRE	A	100	100	16.7	74.0
	Metribuzin	5 oz/a		PRE	A				
	Liberty	32 fl oz/a		POST	C				
	Roundup PowerMax	30 fl oz/a		POST	C				
	AMS	3 lb/a		POST	C				
4	Valor EZ	2 fl oz/a		PRE	A	100	100	17.0	74.9
	Mauler	8 fl oz/a		PRE	A				
	Warrant	3 pt/a		POST	C				
	Roundup PowerMax 3	30 fl oz/a		POST	C				
	Liberty	32 fl oz/a		POST	C				
	AMS	17 lb/100 gal		POST	C				
5	Fierce MTZ	1 pt/a		PRE	A	100	100	17.2	68.2
	Warrant	3 pt/a		POST	C				
	Roundup PowerMax 3	30 fl oz/a		POST	C				
	Liberty	32 fl oz/a		POST	C				
	AMS	17 lb/100 gal		POST	C				
6	Untreated					0	0	18.4	27.2
7	Kyber	1 pt/a		PRE	A	100	100	17.0	68.2
	Enlist Duo	4.75 pt/a		POST	C				
	AMSOL	2.4 qt/a		POST	C				
8	Authority Edge	7 fl oz/a		PRE	A	100	100	16.6	70.9
	Metribuzin	6 oz/a		PRE	A				
	Anthem MAXX	3 fl oz/a		POST	C				
	Enlist Duo	4.75 pt/a		POST	C				
	AMS	17 lb/100 gal		POST	C				
9	Fierce EZ	6 fl oz/a		PRE	A	100	100	16.7	69.7
	Perpetuo	6 fl oz/a		POST	C				
	Enlist One	2 pt/a		POST	C				
	Roundup PowerMax 3	30 fl oz/a		POST	C				
	Surfactant	0.25 % v/v		POST	C				
	AMS	1.5 lb/a		POST	C				
10	FirstRate	0.6 oz/a		PRE	A	100	100	16.8	72.6
	Fierce EZ	6 fl oz/a		PRE	A				
	Perpetuo	6 fl oz/a		POST	C				
	Enlist One	2 pt/a		POST	C				
	Roundup PowerMax 3	30 fl oz/a		POST	C				
	Surfactant	0.25 % v/v		POST	C				
	AMS	1.5 lb/a		POST	C				
11	Fierce XLT	4 oz/a		PRE	A	100	100	16.6	66.1
	Perpetuo	6 fl oz/a		POST	C				
	Enlist One	2 pt/a		POST	C				
	Roundup PowerMax 3	30 fl oz/a		POST	C				
	Surfactant	0.25 % v/v		POST	C				
	AMS	1.5 lb/a		POST	C				

Missing data estimates are included in columns: Average=36,37

Could not calculate LSD (% mean diff) for columns 4,11,29 because error mean square = 0.

Michigan State University

Comparison of commercial weed control programs in Enlist E3 soybean

Trial ID: SOY19-22

Protocol ID: SOY19-22 Location: Campus, T-12 Trial Year: 2022

Project ID: Project ID 2: Project ID 3:

Study Director: Sprague, Stiles, Powell Sponsor Contact:

Investigator (Creator): Christy Sprague

Pest Code			ABUTH	SINAR		C, GLXMA	C, GLXMA	
Crop Type, Code			Jul-11-2022	Jul-11-2022	Oct-20-2022	Oct-20-2022		
Rating Date			control	control	moisture	yield		
Rating Type			%	%	%	bu/A	-, -	
Rating Unit/Min/Max			0, 100	0, 100	0, 100	at 13% M		
Trt-Eval Interval			21 DA-C	21 DA-C	122 DA-C			
Number of Decimals			0	0	1	1		
Trt No.	Treatment Name	Rate Unit	Appl Timing	Appl Code				
12	Boundary Sequence	1.75 pt/a	PRE	A	100	100	16.4	75.7
	Enlist One	2.75 pt/a	POST	C				
	Class Act Ridion	2 pt/a	POST	C				
		1 % v/v	POST	C				
13	Tendovo Sequence	1.75 qt/a	PRE	A	100	100	16.7	71.3
	Enlist One	2.75 pt/a	POST	C				
	Class Act Ridion	2 pt/a	POST	C				
		1 % v/v	POST	C				
14	Authority Edge	8 fl oz/a	PRE	A	100	100	16.5	76.6
	Metribuzin	6 oz/a	PRE	A				
	Liberty	32 fl oz/a	POST	C				
	Enlist One	2 pt/a	POST	C				
	AMS	17 lb/100 gal	POST	C				
15	Kyber	1 pt/a	PRE	A	100	100	16.5	76.6
	Enlist One	2 pt/a	POST	C				
	Liberty	32 fl oz/a	POST	C				
	Crop oil concentrate	1 % v/v	POST	C				
	AMSOL	3 qt/a	POST	C				
16	Preview 2.1	25 fl oz/a	PRE	A	100	100	16.7	71.1
	Interline	29 fl oz/a	POST	C				
	Enlist One	2 pt/a	POST	C				
	Roundup PowerMax 3	30 fl oz/a	POST	C				
	AMS	17 lb/100 gal	POST	C				
17	Roundup PowerMax 3	30 fl oz/a	EPOS	B	100	99	17.1	64.9
	AMS	17 lb/100 gal	EPOS	B				
18	Liberty	32 fl oz/a	EPOS	B	92	88	17.6	60.9
	AMS	17 lb/100 gal	EPOS	B				
19	Roundup PowerMax 3	30 fl oz/a	EPOS	B	94	95	17.1	63.2
	Liberty	32 fl oz/a	EPOS	B				
	AMS	17 lb/100 gal	EPOS	B				
20	Enlist Duo	4.75 pt/a	EPOS	B	100	100	16.3	72.2
	AMS	17 lb/100 gal	EPOS	B				
21	Liberty	32 fl oz/a	EPOS	B	100	100	17.0	71.3
	Enlist One	2 pt/a	EPOS	B				
	AMS	17 lb/100 gal	EPOS	B				
LSD P=.05			3.6	4.2	0.77	7.48		
Standard Deviation			2.5	2.9	0.55	5.28		
CV			2.69	3.11	3.23	7.68		

Missing data estimates are included in columns: Average=36,37

Could not calculate LSD (% mean diff) for columns 4,11,29 because error mean square = 0.