

No-till programs for control of dandelion and other no-till weeds in soybean

Trial ID: NTS06-18 Study Dir.: Sprague, Powell, Stiles
 Conducted: Isabella Co. Investigator: Christy Sprague

Planting Date: May-21-2018 **Row Spacing:** 30 IN
Variety: AG26X8 **No. of Reps:** 4
Population: 152000 seeds/A **% OM:** 2.2
Soil Type: SL sandy loam **pH:** 6.4
Plot Size: 10 X 30 FT **Study Design:** Randomized Complete Block (RCB)

Tillage/Previous Crops:
Fertilizer:

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1	TAROF	dandelion	Taraxacum officinale
2	ERICA	horseweed	Conyza canadensis
Crop	Code	Common Name	
1	GLXMA	Soybean	

Application Description

	A	B
Application Timing:	7 EPP	POST
Date Treated:	May-14-2018	Jun-29-2018
Time Treated:	1:00 PM	10:00 AM
% Cloud Cover:	60	0
Air Temp., Unit:	76 F	79 F
% Relative Humidity:	74	71
Wind Speed/Unit/Dir:	3.5 mph W	3 mph S
Soil Temp, Unit:	64 F	
Leaf Moist/Dew Presence (Y/N):	4	3
Soil Moist:	4	3

Crop Stage at Each Application

	A	B
Crop 1 Name:	GLXMA	GLXMA
Height:		10 "
Stage:		V5

Weed Stage at Each Application

	A	B
Weed 1 Name:	TAROF	TAROF
Height:	6 "	6-8 " (7)
Stage:	6-8L	8-12L
Weed 2 Name:	ERICA	ERICA
Height:	1 "	2-4 " (3)
Stage:	1-2L	2-4L

Weed Density

	1	2
Date:	Jun-29-2018	Jun-29-2018
Weed Name:	TAROF	ERICA
Density:	9 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	TTI	11003	20 "	20 "	100 "	19 GPA	WATER	25 PSI
B	CUB	3.8 mph	TTI	11003	20 "	20 "	100 "	19 GPA	WATER	25 PSI

Comments:

No-till programs for control of dandelion and other no-till weeds in soybean

Trial ID: NTS06-18

Location: Isabella Co.

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	TAROF	GLXMA	TAROF	ERICA	GLXMA	TAROF
Crop Code						
Rating Date	May-21-2018	Jun-6-2018	Jun-6-2018	Jun-6-2018	Jun-21-2018	Jun-21-2018
Rating Type	control	injury	control	control	injury	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	7 DA-A	23 DA-A	23 DA-A	23 DA-A	38 DA-A	38 DA-A
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code						
1	2,4-D ester	3.8	SL	1	pt/a	A	65	0	53	88	0	55
1	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
1	AMS		WG	17	lb/100 gal	A						
1	Anthem MAXX	4.3	L	3	fl oz/a	B						
1	Classic	25	WG	1	oz/a	B						
1	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
1	Surfactant		L	0.25	% v/v	B						
1	AMS		WG	17	lb/100 gal	B						
2	Aim	2	L	1	fl oz/a	A	68	0	65	73	0	55
2	2,4-D ester	3.8	SL	1	pt/a	A						
2	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
2	Crop oil concentrate		L	1	% v/v	A						
2	AMS		WG	17	lb/100 gal	A						
2	Anthem MAXX	4.3	L	3	fl oz/a	B						
2	Classic	25	WG	1	oz/a	B						
2	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
2	Surfactant		L	0.25	% v/v	B						
2	AMS		WG	17	lb/100 gal	B						
3	Panoflex	50	WG	0.6	oz/a	A	77	0	81	99	1	72
3	Aim	2	L	1	fl oz/a	A						
3	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
3	2,4-D ester	3.8	SL	1	pt/a	A						
3	Crop oil concentrate		L	1	% v/v	A						
3	AMS		WG	17	lb/100 gal	A						
3	Anthem MAXX	4.3	L	3	fl oz/a	B						
3	Classic	25	WG	1	oz/a	B						
3	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
3	Surfactant		L	0.25	% v/v	B						
3	AMS		WG	17	lb/100 gal	B						
4	Panoflex	50	WG	0.6	oz/a	A	13	0	67	93	0	66
4	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
4	Surfactant		L	0.25	% v/v	A						
4	AMS		WG	17	lb/100 gal	A						
4	Anthem MAXX	4.3	L	3	fl oz/a	B						
4	Classic	25	WG	1	oz/a	B						
4	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
4	Surfactant		L	0.25	% v/v	B						
4	AMS		WG	17	lb/100 gal	B						

Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13,14
 Could not calculate LSD (% mean diff) for columns 2 because error mean square = 0.

No-till programs for control of dandelion and other no-till weeds in soybean

Trial ID: NTS06-18

Location: Isabella Co.

Investigator: Christy Sprague
Study Director: Sprague, Powell, Stiles

	TAROF	GLXMA	TAROF	ERICA	GLXMA	TAROF
Pest Code						
Crop Code						
Rating Date	May-21-2018	Jun-6-2018	Jun-6-2018	Jun-6-2018	Jun-21-2018	Jun-21-2018
Rating Type	control	injury	control	control	injury	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	7 DA-A	23 DA-A	23 DA-A	23 DA-A	38 DA-A	38 DA-A
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code						
5	XtendiMax	2.9	SL	22	fl oz/a	A	13	0	37	100	0	30
5	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
5	Intact	L		1	% v/v	A						
5	Anthem MAXX	4.3	L	3	fl oz/a	B						
5	Classic	25	WG	1	oz/a	B						
5	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
5	Surfactant	L		0.25	% v/v	B						
5	AMS		WG	17	lb/100 gal	B						
6	Untreated						0	0	0	0	0	0
7	Authority MTZ	45	WG	14	oz/a	A	62	0	83	100	1	69
7	Panoflex	50	WG	0.6	oz/a	A						
7	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
7	Surfactant	L		0.25	% v/v	A						
7	AMS		WG	17	lb/100 gal	A						
7	Anthem MAXX	4.3	L	3	fl oz/a	B						
7	Classic	25	WG	1	oz/a	B						
7	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
7	Surfactant	L		0.25	% v/v	B						
7	AMS		WG	17	lb/100 gal	B						
8	Authority MTZ	45	WG	14	oz/a	A	50	0	67	100	1	30
8	XtendiMax	2.9	SL	22	fl oz/a	A						
8	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
8	Intact	L		1	% v/v	A						
8	Anthem MAXX	4.3	L	3	fl oz/a	B						
8	Classic	25	WG	1	oz/a	B						
8	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
8	Surfactant	L		0.25	% v/v	B						
8	AMS		WG	17	lb/100 gal	B						
9	Authority XL	70	WG	4	oz/a	A	45	0	76	100	0	90
9	Panoflex	50	WG	0.6	oz/a	A						
9	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
9	Surfactant	L		0.25	% v/v	A						
9	AMS		WG	17	lb/100 gal	A						
9	Anthem MAXX	4.3	L	3	fl oz/a	B						
9	Classic	25	WG	1	oz/a	B						
9	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
9	Surfactant	L		0.25	% v/v	B						
9	AMS		WG	17	lb/100 gal	B						

Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13,14
 Could not calculate LSD (% mean diff) for columns 2 because error mean square = 0.

No-till programs for control of dandelion and other no-till weeds in soybean

Trial ID: NTS06-18

Location: Isabella Co.

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	TAROF	GLXMA	TAROF	ERICA	GLXMA	TAROF
Crop Code						
Rating Date	May-21-2018	Jun-6-2018	Jun-6-2018	Jun-6-2018	Jun-21-2018	Jun-21-2018
Rating Type	control	injury	control	control	injury	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	7 DA-A	23 DA-A	23 DA-A	23 DA-A	38 DA-A	38 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	Authority XL	70	WG	4 oz/a		A	34	0	67	100	0	76
10	XtendiMax	2.9	SL	22 fl oz/a		A						
10	Roundup PowerMax	4.5	SL	22 fl oz/a		A						
10	Intact		L	1 % v/v		A						
10	Anthem MAXX	4.3	L	3 fl oz/a		B						
10	Classic	25	WG	1 oz/a		B						
10	Roundup PowerMax	4.5	SL	22 fl oz/a		B						
10	Surfactant		L	0.25 % v/v		B						
10	AMS		WG	17 lb/100 gal		B						
11	Roundup PowerMax	4.5	SL	22 fl oz/a		A	11	0	46	20	1	48
11	AMS		WG	17 lb/100 gal		A						
11	Roundup PowerMax	4.5	SL	22 fl oz/a		B						
11	AMS		WG	17 lb/100 gal		B						
12	XtendiMax	2.9	SL	22 fl oz/a		A	16	0	40	100	3	38
12	Roundup PowerMax	4.5	SL	22 fl oz/a		A						
12	Intact		L	1 % v/v		A						
12	XtendiMax	2.9	SL	22 fl oz/a		B						
12	Roundup PowerMax	4.5	SL	22 fl oz/a		B						
12	Intact		L	1 % v/v		B						
LSD P=.05							13.6	.	7.8	8.2	2.6	13.7
Standard Deviation							9.3	0.0	5.4	5.6	1.8	9.4
CV							24.63	0.0	9.49	6.9	300.86	17.93

Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13,14
 Could not calculate LSD (% mean diff) for columns 2 because error mean square = 0.

No-till programs for control of dandelion and other no-till weeds in soybean

Trial ID: NTS06-18

Location: Isabella Co.

Investigator: Christy Sprague
Study Director: Sprague, Powell, Stiles

Pest Code	ERICA	TAROF	ERICA	TAROF	ERICA	TAROF
Crop Code						
Rating Date	Jun-21-2018	Jun-29-2018	Jun-29-2018	Jul-9-2018	Jul-9-2018	Jul-23-2018
Rating Type	control	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	38 DA-A	46 DA-A	46 DA-A	10 DA-B	10 DA-B	24 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	2,4-D ester	3.8	SL	1	pt/a	A	82	57	73	68	87	82
1	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
1	AMS		WG	17	lb/100 gal	A						
1	Anthem MAXX	4.3	L	3	fl oz/a	B						
1	Classic	25	WG	1	oz/a	B						
1	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
1	Surfactant		L	0.25	% v/v	B						
1	AMS		WG	17	lb/100 gal	B						
2	Aim	2	L	1	fl oz/a	A	67	60	62	65	75	76
2	2,4-D ester	3.8	SL	1	pt/a	A						
2	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
2	Crop oil concentrate		L	1	% v/v	A						
2	AMS		WG	17	lb/100 gal	A						
2	Anthem MAXX	4.3	L	3	fl oz/a	B						
2	Classic	25	WG	1	oz/a	B						
2	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
2	Surfactant		L	0.25	% v/v	B						
2	AMS		WG	17	lb/100 gal	B						
3	Panoflex	50	WG	0.6	oz/a	A	85	71	70	68	90	79
3	Aim	2	L	1	fl oz/a	A						
3	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
3	2,4-D ester	3.8	SL	1	pt/a	A						
3	Crop oil concentrate		L	1	% v/v	A						
3	AMS		WG	17	lb/100 gal	A						
3	Anthem MAXX	4.3	L	3	fl oz/a	B						
3	Classic	25	WG	1	oz/a	B						
3	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
3	Surfactant		L	0.25	% v/v	B						
3	AMS		WG	17	lb/100 gal	B						
4	Panoflex	50	WG	0.6	oz/a	A	80	72	65	69	83	80
4	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
4	Surfactant		L	0.25	% v/v	A						
4	AMS		WG	17	lb/100 gal	A						
4	Anthem MAXX	4.3	L	3	fl oz/a	B						
4	Classic	25	WG	1	oz/a	B						
4	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
4	Surfactant		L	0.25	% v/v	B						
4	AMS		WG	17	lb/100 gal	B						

Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13,14
 Could not calculate LSD (% mean diff) for columns 2 because error mean square = 0.

No-till programs for control of dandelion and other no-till weeds in soybean

Trial ID: NTS06-18

Location: Isabella Co.

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

	ERICA	TAROF	ERICA	TAROF	ERICA	TAROF
Pest Code						
Crop Code						
Rating Date	Jun-21-2018	Jun-29-2018	Jun-29-2018	Jul-9-2018	Jul-9-2018	Jul-23-2018
Rating Type	control	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	38 DA-A	46 DA-A	46 DA-A	10 DA-B	10 DA-B	24 DA-B
Number of Decimals	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code						
5	XtendiMax	2.9	SL	22	fl oz/a	A	99	33	100	43	100	53
5	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
5	Intact	L		1	% v/v	A						
5	Anthem MAXX	4.3	L	3	fl oz/a	B						
5	Classic	25	WG	1	oz/a	B						
5	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
5	Surfactant	L		0.25	% v/v	B						
5	AMS		WG	17	lb/100 gal	B						
6	Untreated						0	0	0	0	0	0
7	Authority MTZ	45	WG	14	oz/a	A	97	65	97	63	95	73
7	Panoflex	50	WG	0.6	oz/a	A						
7	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
7	Surfactant	L		0.25	% v/v	A						
7	AMS		WG	17	lb/100 gal	A						
7	Anthem MAXX	4.3	L	3	fl oz/a	B						
7	Classic	25	WG	1	oz/a	B						
7	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
7	Surfactant	L		0.25	% v/v	B						
7	AMS		WG	17	lb/100 gal	B						
8	Authority MTZ	45	WG	14	oz/a	A	100	23	100	42	100	68
8	XtendiMax	2.9	SL	22	fl oz/a	A						
8	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
8	Intact	L		1	% v/v	A						
8	Anthem MAXX	4.3	L	3	fl oz/a	B						
8	Classic	25	WG	1	oz/a	B						
8	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
8	Surfactant	L		0.25	% v/v	B						
8	AMS		WG	17	lb/100 gal	B						
9	Authority XL	70	WG	4	oz/a	A	99	88	95	83	93	87
9	Panoflex	50	WG	0.6	oz/a	A						
9	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
9	Surfactant	L		0.25	% v/v	A						
9	AMS		WG	17	lb/100 gal	A						
9	Anthem MAXX	4.3	L	3	fl oz/a	B						
9	Classic	25	WG	1	oz/a	B						
9	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
9	Surfactant	L		0.25	% v/v	B						
9	AMS		WG	17	lb/100 gal	B						

No-till programs for control of dandelion and other no-till weeds in soybean

Trial ID: NTS06-18

Location: Isabella Co.

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	ERICA	TAROF	ERICA	TAROF	ERICA	TAROF						
Crop Code												
Rating Date	Jun-21-2018	Jun-29-2018	Jun-29-2018	Jul-9-2018	Jul-9-2018	Jul-23-2018						
Rating Type	control	control	control	control	control	control						
Rating Unit	percent	percent	percent	percent	percent	percent						
Trt-Eval Interval	38 DA-A	46 DA-A	46 DA-A	10 DA-B	10 DA-B	24 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	Authority XL	70	WG	4	oz/a	A	100	77	100	66	100	72
10	XtendiMax	2.9	SL	22	fl oz/a	A						
10	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
10	Intact		L	1	% v/v	A						
10	Anthem MAXX	4.3	L	3	fl oz/a	B						
10	Classic	25	WG	1	oz/a	B						
10	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
10	Surfactant		L	0.25	% v/v	B						
10	AMS		WG	17	lb/100 gal	B						
11	Roundup PowerMax	4.5	SL	22	fl oz/a	A	33	58	25	66	25	58
11	AMS		WG	17	lb/100 gal	A						
11	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
11	AMS		WG	17	lb/100 gal	B						
12	XtendiMax	2.9	SL	22	fl oz/a	A	96	46	84	53	100	60
12	Roundup PowerMax	4.5	SL	22	fl oz/a	A						
12	Intact		L	1	% v/v	A						
12	XtendiMax	2.9	SL	22	fl oz/a	B						
12	Roundup PowerMax	4.5	SL	22	fl oz/a	B						
12	Intact		L	1	% v/v	B						
LSD P=.05							13.8	12.5	20.3	9.0	15.0	9.5
Standard Deviation							9.5	8.6	13.9	6.2	10.3	6.5
CV							12.15	15.87	19.22	10.78	13.04	9.94

Missing data estimates are included in columns: Average=1,2,3,4,5,6,7,8,9,10,11,12,13,14
 Could not calculate LSD (% mean diff) for columns 2 because error mean square = 0.

No-till programs for control of dandelion and other no-till weeds in soybean

Trial ID: NTS06-18

Location: Isabella Co.

Investigator: Christy Sprague
Study Director: Sprague, Powell, Stiles

Pest Code	ERICA	TAROF
Crop Code		
Rating Date	Jul-23-2018	Aug-9-2018
Rating Type	control	control
Rating Unit	percent	percent
Trt-Eval Interval	24 DA-B	41 DA-B
Number of Decimals	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code		
1	2,4-D ester	3.8	SL	1	pt/a	A	85	80
1	Roundup PowerMax	4.5	SL	22	fl oz/a	A		
1	AMS		WG	17	lb/100 gal	A		
1	Anthem MAXX	4.3	L	3	fl oz/a	B		
1	Classic	25	WG	1	oz/a	B		
1	Roundup PowerMax	4.5	SL	22	fl oz/a	B		
1	Surfactant		L	0.25	% v/v	B		
1	AMS		WG	17	lb/100 gal	B		
2	Aim	2	L	1	fl oz/a	A	88	80
2	2,4-D ester	3.8	SL	1	pt/a	A		
2	Roundup PowerMax	4.5	SL	22	fl oz/a	A		
2	Crop oil concentrate		L	1	% v/v	A		
2	AMS		WG	17	lb/100 gal	A		
2	Anthem MAXX	4.3	L	3	fl oz/a	B		
2	Classic	25	WG	1	oz/a	B		
2	Roundup PowerMax	4.5	SL	22	fl oz/a	B		
2	Surfactant		L	0.25	% v/v	B		
2	AMS		WG	17	lb/100 gal	B		
3	Panoflex	50	WG	0.6	oz/a	A	89	78
3	Aim	2	L	1	fl oz/a	A		
3	Roundup PowerMax	4.5	SL	22	fl oz/a	A		
3	2,4-D ester	3.8	SL	1	pt/a	A		
3	Crop oil concentrate		L	1	% v/v	A		
3	AMS		WG	17	lb/100 gal	A		
3	Anthem MAXX	4.3	L	3	fl oz/a	B		
3	Classic	25	WG	1	oz/a	B		
3	Roundup PowerMax	4.5	SL	22	fl oz/a	B		
3	Surfactant		L	0.25	% v/v	B		
3	AMS		WG	17	lb/100 gal	B		
4	Panoflex	50	WG	0.6	oz/a	A	88	85
4	Roundup PowerMax	4.5	SL	22	fl oz/a	A		
4	Surfactant		L	0.25	% v/v	A		
4	AMS		WG	17	lb/100 gal	A		
4	Anthem MAXX	4.3	L	3	fl oz/a	B		
4	Classic	25	WG	1	oz/a	B		
4	Roundup PowerMax	4.5	SL	22	fl oz/a	B		
4	Surfactant		L	0.25	% v/v	B		
4	AMS		WG	17	lb/100 gal	B		

No-till programs for control of dandelion and other no-till weeds in soybean

Trial ID: NTS06-18

Location: Isabella Co.

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	ERICA	TAROF
Crop Code		
Rating Date	Jul-23-2018	Aug-9-2018
Rating Type	control	control
Rating Unit	percent	percent
Trt-Eval Interval	24 DA-B	41 DA-B
Number of Decimals	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code		
5	XtendiMax	2.9	SL	22	fl oz/a	A	100	62
5	Roundup PowerMax	4.5	SL	22	fl oz/a	A		
5	Intact	L		1	% v/v	A		
5	Anthem MAXX	4.3	L	3	fl oz/a	B		
5	Classic	25	WG	1	oz/a	B		
5	Roundup PowerMax	4.5	SL	22	fl oz/a	B		
5	Surfactant	L		0.25	% v/v	B		
5	AMS		WG	17	lb/100 gal	B		
6	Untreated						0	0
7	Authority MTZ	45	WG	14	oz/a	A	100	68
7	Panoflex	50	WG	0.6	oz/a	A		
7	Roundup PowerMax	4.5	SL	22	fl oz/a	A		
7	Surfactant	L		0.25	% v/v	A		
7	AMS		WG	17	lb/100 gal	A		
7	Anthem MAXX	4.3	L	3	fl oz/a	B		
7	Classic	25	WG	1	oz/a	B		
7	Roundup PowerMax	4.5	SL	22	fl oz/a	B		
7	Surfactant	L		0.25	% v/v	B		
7	AMS		WG	17	lb/100 gal	B		
8	Authority MTZ	45	WG	14	oz/a	A	100	73
8	XtendiMax	2.9	SL	22	fl oz/a	A		
8	Roundup PowerMax	4.5	SL	22	fl oz/a	A		
8	Intact	L		1	% v/v	A		
8	Anthem MAXX	4.3	L	3	fl oz/a	B		
8	Classic	25	WG	1	oz/a	B		
8	Roundup PowerMax	4.5	SL	22	fl oz/a	B		
8	Surfactant	L		0.25	% v/v	B		
8	AMS		WG	17	lb/100 gal	B		
9	Authority XL	70	WG	4	oz/a	A	93	76
9	Panoflex	50	WG	0.6	oz/a	A		
9	Roundup PowerMax	4.5	SL	22	fl oz/a	A		
9	Surfactant	L		0.25	% v/v	A		
9	AMS		WG	17	lb/100 gal	A		
9	Anthem MAXX	4.3	L	3	fl oz/a	B		
9	Classic	25	WG	1	oz/a	B		
9	Roundup PowerMax	4.5	SL	22	fl oz/a	B		
9	Surfactant	L		0.25	% v/v	B		
9	AMS		WG	17	lb/100 gal	B		

No-till programs for control of dandelion and other no-till weeds in soybean

Trial ID: NTS06-18

Location: Isabella Co.

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	ERICA	TAROF
Crop Code		
Rating Date	Jul-23-2018	Aug-9-2018
Rating Type	control	control
Rating Unit	percent	percent
Trt-Eval Interval	24 DA-B	41 DA-B
Number of Decimals	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code		
10	Authority XL	70	WG	4 oz/a		A	100	76
10	XtendiMax	2.9	SL	22 fl oz/a		A		
10	Roundup PowerMax	4.5	SL	22 fl oz/a		A		
10	Intact		L	1 % v/v		A		
10	Anthem MAXX	4.3	L	3 fl oz/a		B		
10	Classic	25	WG	1 oz/a		B		
10	Roundup PowerMax	4.5	SL	22 fl oz/a		B		
10	Surfactant		L	0.25 % v/v		B		
10	AMS		WG	17 lb/100 gal		B		
11	Roundup PowerMax	4.5	SL	22 fl oz/a		A	25	68
11	AMS		WG	17 lb/100 gal		A		
11	Roundup PowerMax	4.5	SL	22 fl oz/a		B		
11	AMS		WG	17 lb/100 gal		B		
12	XtendiMax	2.9	SL	22 fl oz/a		A	100	62
12	Roundup PowerMax	4.5	SL	22 fl oz/a		A		
12	Intact		L	1 % v/v		A		
12	XtendiMax	2.9	SL	22 fl oz/a		B		
12	Roundup PowerMax	4.5	SL	22 fl oz/a		B		
12	Intact		L	1 % v/v		B		
	LSD P=.05						11.3	9.9
	Standard Deviation						7.8	6.8
	CV						9.65	10.11