

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17 Study Dir.: Sprague, Powell, Stiles
 Conducted: Campus T-17 Investigator: Christy Sprague

Planting Date: May-15-2017 **Row Spacing:** 30 IN
Variety: Pioneer 24T84X **No. of Reps:** 3
Population: 155000 S/A **% OM:** 3.7
Soil Type: L loam **pH:** 6.6
Plot Size: 10 X 25 FT **Study Design:** Randomized Complete Block (RCB)

Tillage/Previous Crops: No-tilled into standing corn stalks

Fertilizer:

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1	STEME	chickweed, common	Stellaria media
2	CAPBP	Shepherd's purse	Capsella bursa-pastoris
3	VERPG	Purslane speedwell	Veronica peregrina
4	TAROF	dandelion	Taraxacum officinale
5	ERICA	horseweed	Conyza canadensis
6	ANGR	mainly foxtail species	Annual grass
7	CHEAL	lambquarters, common	Chenopodium album
8	AMBEL	ragweed, common	Ambrosia artemisiifolia
Crop	Code	Common Name	
1	GLXMA	Soybean	

Application Description

	A	B
Application Timing:	PRE	POST
Date Treated:	May-15-2017	Jun-27-2017
Time Treated:	2:45 PM	9:15 AM
% Cloud Cover:	5	0
Air Temp., Unit:	75 F	60 F
% Relative Humidity:	23	70
Wind Speed/Unit/Dir:	2.9 mph SW	4 mph NW
Soil Temp, Unit:	69 F	52 F
Leaf Moist/Dew Presence (Y/N):	5	3
Soil Moist:	4	3

Crop Stage at Each Application

	A	B
Crop 1 Name:	GLXMA	GLXMA
Height:		8 "
Stage:		V4

Weed Stage at Each Application

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	A	B
Weed 1 Name:	STEME	STEME
Height:	6 "	
Stage:	flower	
Weed 2 Name:	CAPBP	CAPBP
Height:	12-18 " (16)	
Stage:	flower	
Weed 3 Name:	VERPG	VERPG
Height:	6 "	
Stage:	flower	
Weed 4 Name:	TAROF	TAROF
Height:	10-12 " (11)	6-8 " (6)
Stage:	flower	-2
Weed 5 Name:	ERICA	ERICA
Height:	4 "	12-24 " (12)
Stage:	boltin	many
Weed 6 Name:	ANGR	ANGR
Height:		4 "
Stage:		4L
Weed 7 Name:	CHEAL	CHEAL
Height:		4-6 " (4)
Stage:		10L
Weed 8 Name:	AMBEL	AMBEL
Height:		4 "
Stage:		6L

	Weed Density							
	1	2	3	4	5	6	7	8
Date:	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017
Weed Name:	STEME	CAPBP	VERPG	TAROF	ERICA	ANGR	CHEAL	AMBEL
Density:	3 FT2	1 FT2	1 FT2	2 FT2	1 FT2	1 FT2	1 FT2	1 FT2

Application Equipment										
Appl	Sprayer	Ground	Nozzle	Nozzle	Nozzle	Nozzle	Boom	Spray	Carrier	Operation
	Type	Speed	Type	Size	Height	Spacing	Width	Volume		Pressure
A	CUB	3.8 MPH	TTI	11003	26 "	20 "	100 "	19 GPA	WATER	25 PSI
B	CUB	3.8 MPH	TTI	11003	26 "	20 "	100 "	19 GPA	WATER	25 PSI

Comments: Crop injury on treatment 18, 14 DA-B was due to stunting from crop competition.

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Pest Code	STEME	CAPBP	VERPG	TAROF	ERICA
Crop Code					
Rating Date	May-30-2017	May-30-2017	May-30-2017	May-30-2017	May-30-2017
Rating Type	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	15 DA-A	15 DA-A	15 DA-A	15 DA-A	15 DA-A
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
1	Roundup PowerMax	4.5 L		32 fl oz/a	A		96	95	100	62	95
1	XtendiMax	2.9 L		22 fl oz/a	A						
1	Intact	L		0.5 % v/v	A						
1	Roundup PowerMax	4.5 L		32 fl oz/a	B						
1	XtendiMax	2.9 L		22 fl oz/a	B						
1	Intact	L		0.5 % v/v	B						
2	Valor EZ	4 L		2 fl oz/a	A		100	100	100	87	92
2	Roundup PowerMax	4.5 L		32 fl oz/a	A						
2	XtendiMax	2.9 L		22 fl oz/a	A						
2	Intact	L		0.5 % v/v	A						
2	Roundup PowerMax	4.5 L		32 fl oz/a	B						
2	XtendiMax	2.9 L		22 fl oz/a	B						
2	Intact	L		0.5 % v/v	B						
3	Valor EZ	4 L		2.5 fl oz/a	A		100	100	100	92	100
3	Roundup PowerMax	4.5 L		32 fl oz/a	A						
3	XtendiMax	2.9 L		22 fl oz/a	A						
3	Intact	L		0.5 % v/v	A						
3	Roundup PowerMax	4.5 L		32 fl oz/a	B						
3	XtendiMax	2.9 L		22 fl oz/a	B						
3	Intact	L		0.5 % v/v	B						
4	Valor EZ	4 L		2.5 fl oz/a	A		100	100	100	79	90
4	Metribuzin	75 WG		4 oz/a	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	A						
4	XtendiMax	2.9 L		22 fl oz/a	A						
4	Intact	L		0.5 % v/v	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	B						
4	XtendiMax	2.9 L		22 fl oz/a	B						
4	Intact	L		0.5 % v/v	B						
5	Authority MTZ (Liquid F-4242)	4 L		11 fl oz/a	A		99	100	100	72	90
5	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
5	XtendiMax	2.9 L		22 fl oz/a	A						
5	Intact	L		0.5 % v/v	A						
5	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
5	XtendiMax	2.9 L		22 fl oz/a	B						
5	Intact	L		0.5 % v/v	B						
6	Authority MTZ	45 WG		12 oz/a	A		100	93	100	78	93
6	Roundup PowerMax	4.5 L		32 fl oz/a	A						
6	XtendiMax	2.9 L		22 fl oz/a	A						
6	Intact	L		0.5 % v/v	A						
6	Roundup PowerMax	4.5 L		32 fl oz/a	B						
6	XtendiMax	2.9 L		22 fl oz/a	B						
6	Intact	L		0.5 % v/v	B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

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Crop Code					
Rating Date	May-30-2017	May-30-2017	May-30-2017	May-30-2017	May-30-2017
Rating Type	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	15 DA-A	15 DA-A	15 DA-A	15 DA-A	15 DA-A
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
7	Untreated						0	0	0	0	0
8	Authority Elite	7 L		26 fl oz/a	A		100	100	100	65	100
8	Roundup PowerMax	4.5 L		32 fl oz/a	A						
8	XtendiMax	2.9 L		22 fl oz/a	A						
8	Intact	L		0.5 % v/v	A						
8	Roundup PowerMax	4.5 L		32 fl oz/a	B						
8	XtendiMax	2.9 L		22 fl oz/a	B						
8	Intact	L		0.5 % v/v	B						
9	Fierce	76 WG		3 oz/a	A		100	100	100	80	97
9	Roundup PowerMax	4.5 L		32 fl oz/a	A						
9	XtendiMax	2.9 L		22 fl oz/a	A						
9	Intact	L		0.5 % v/v	A						
9	Roundup PowerMax	4.5 L		32 fl oz/a	B						
9	XtendiMax	2.9 L		22 fl oz/a	B						
9	Intact	L		0.5 % v/v	B						
10	Fierce MTZ	2.64 L		16 fl oz/a	A		100	100	100	87	100
10	Roundup PowerMax	4.5 L		32 fl oz/a	A						
10	XtendiMax	2.9 L		22 fl oz/a	A						
10	Intact	L		0.5 % v/v	A						
10	Roundup PowerMax	4.5 L		32 fl oz/a	B						
10	XtendiMax	2.9 L		22 fl oz/a	B						
10	Intact	L		0.5 % v/v	B						
11	Authority MTZ	45 WG		12 oz/a	A		100	100	100	70	90
11	Anthem MAXX	4.3 L		3 fl oz/a	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
11	XtendiMax	2.9 L		22 fl oz/a	A						
11	Intact	L		0.5 % v/v	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
11	XtendiMax	2.9 L		22 fl oz/a	B						
11	Intact	L		0.5 % v/v	B						
12	Authority XL	70 WG		4 oz/a	A		96	100	100	78	100
12	Anthem MAXX	4.3 L		3 fl oz/a	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
12	XtendiMax	2.9 L		22 fl oz/a	A						
12	Intact	L		0.5 % v/v	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
12	XtendiMax	2.9 L		22 fl oz/a	B						
12	Intact	L		0.5 % v/v	B						

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Crop Code					
Rating Date	May-30-2017	May-30-2017	May-30-2017	May-30-2017	May-30-2017
Rating Type	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	15 DA-A	15 DA-A	15 DA-A	15 DA-A	15 DA-A
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
13	Zidua PRO	4.09	L	6 fl oz/a	A		95	100	100	82	100
13	Roundup PowerMax	4.5	L	32 fl oz/a	A						
13	XtendiMax	2.9	L	22 fl oz/a	A						
13	Intact		L	0.5 % v/v	A						
13	Roundup PowerMax	4.5	L	32 fl oz/a	B						
13	XtendiMax	2.9	L	22 fl oz/a	B						
13	Intact		L	0.5 % v/v	B						
14	Authority XL	70	WG	4 oz/a	A		100	100	100	72	100
14	Roundup PowerMax	4.5	SL	32 fl oz/a	A						
14	XtendiMax	2.9	L	22 fl oz/a	A						
14	Intact		L	0.5 % v/v	A						
14	Anthem MAXX	4.3	L	3 fl oz/a	B						
14	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
14	XtendiMax	2.9	L	22 fl oz/a	B						
14	Intact		L	0.5 % v/v	B						
15	Authority MTZ	45	WG	12 oz/a	A		100	98	100	78	85
15	Roundup PowerMax	4.5	SL	32 fl oz/a	A						
15	XtendiMax	2.9	L	22 fl oz/a	A						
15	Intact		L	0.5 % v/v	A						
15	Anthem MAXX	4.3	L	3 fl oz/a	B						
15	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
15	XtendiMax	2.9	L	22 fl oz/a	B						
15	Intact		L	0.5 % v/v	B						
16	Roundup PowerMax	4.5	SL	32 fl oz/a	B		0	0	0	0	0
16	XtendiMax	2.9	L	22 fl oz/a	B						
16	Intact		L	0.5 % v/v	B						
17	Anthem MAXX	4.3	L	3 fl oz/a	B		0	0	0	0	0
17	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
17	XtendiMax	2.9	L	22 fl oz/a	B						
17	Intact		L	0.5 % v/v	B						
18	Warrant	3	L	3 pt/a	B		0	0	0	0	0
18	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
18	XtendiMax	2.9	L	22 fl oz/a	B						
18	Intact		L	0.5 % v/v	B						
LSD P=.05							4.1	3.2	.	12.4	8.7
Standard Deviation							2.4	2.0	0.0	7.5	5.3
CV							3.17	2.53	0.0	12.43	7.12

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Crop Code					
Rating Date	May-30-2017	May-30-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017
Rating Type	control	control	injury	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	15 DA-A	15 DA-A	28 DA-A	28 DA-A	28 DA-A
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
1	Roundup PowerMax	4.5 L		32 fl oz/a	A		100	100	0	100	98
1	XtendiMax	2.9 L		22 fl oz/a	A						
1	Intact	L		0.5 % v/v	A						
1	Roundup PowerMax	4.5 L		32 fl oz/a	B						
1	XtendiMax	2.9 L		22 fl oz/a	B						
1	Intact	L		0.5 % v/v	B						
2	Valor EZ	4 L		2 fl oz/a	A		100	100	0	100	100
2	Roundup PowerMax	4.5 L		32 fl oz/a	A						
2	XtendiMax	2.9 L		22 fl oz/a	A						
2	Intact	L		0.5 % v/v	A						
2	Roundup PowerMax	4.5 L		32 fl oz/a	B						
2	XtendiMax	2.9 L		22 fl oz/a	B						
2	Intact	L		0.5 % v/v	B						
3	Valor EZ	4 L		2.5 fl oz/a	A		100	100	0	100	100
3	Roundup PowerMax	4.5 L		32 fl oz/a	A						
3	XtendiMax	2.9 L		22 fl oz/a	A						
3	Intact	L		0.5 % v/v	A						
3	Roundup PowerMax	4.5 L		32 fl oz/a	B						
3	XtendiMax	2.9 L		22 fl oz/a	B						
3	Intact	L		0.5 % v/v	B						
4	Valor EZ	4 L		2.5 fl oz/a	A		100	100	0	100	100
4	Metribuzin	75 WG		4 oz/a	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	A						
4	XtendiMax	2.9 L		22 fl oz/a	A						
4	Intact	L		0.5 % v/v	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	B						
4	XtendiMax	2.9 L		22 fl oz/a	B						
4	Intact	L		0.5 % v/v	B						
5	Authority MTZ (Liquid F-4242)	4 L		11 fl oz/a	A		100	100	0	100	100
5	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
5	XtendiMax	2.9 L		22 fl oz/a	A						
5	Intact	L		0.5 % v/v	A						
5	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
5	XtendiMax	2.9 L		22 fl oz/a	B						
5	Intact	L		0.5 % v/v	B						
6	Authority MTZ	45 WG		12 oz/a	A		100	100	0	100	99
6	Roundup PowerMax	4.5 L		32 fl oz/a	A						
6	XtendiMax	2.9 L		22 fl oz/a	A						
6	Intact	L		0.5 % v/v	A						
6	Roundup PowerMax	4.5 L		32 fl oz/a	B						
6	XtendiMax	2.9 L		22 fl oz/a	B						
6	Intact	L		0.5 % v/v	B						

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Crop Code					
Rating Date	May-30-2017	May-30-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017
Rating Type	control	control	injury	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	15 DA-A	15 DA-A	28 DA-A	28 DA-A	28 DA-A
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
7	Untreated						0	0	0	0	0
8	Authority Elite	7 L		26 fl oz/a	A		100	100	0	100	99
8	Roundup PowerMax	4.5 L		32 fl oz/a	A						
8	XtendiMax	2.9 L		22 fl oz/a	A						
8	Intact	L		0.5 % v/v	A						
8	Roundup PowerMax	4.5 L		32 fl oz/a	B						
8	XtendiMax	2.9 L		22 fl oz/a	B						
8	Intact	L		0.5 % v/v	B						
9	Fierce	76 WG		3 oz/a	A		100	100	0	100	100
9	Roundup PowerMax	4.5 L		32 fl oz/a	A						
9	XtendiMax	2.9 L		22 fl oz/a	A						
9	Intact	L		0.5 % v/v	A						
9	Roundup PowerMax	4.5 L		32 fl oz/a	B						
9	XtendiMax	2.9 L		22 fl oz/a	B						
9	Intact	L		0.5 % v/v	B						
10	Fierce MTZ	2.64 L		16 fl oz/a	A		100	100	0	100	100
10	Roundup PowerMax	4.5 L		32 fl oz/a	A						
10	XtendiMax	2.9 L		22 fl oz/a	A						
10	Intact	L		0.5 % v/v	A						
10	Roundup PowerMax	4.5 L		32 fl oz/a	B						
10	XtendiMax	2.9 L		22 fl oz/a	B						
10	Intact	L		0.5 % v/v	B						
11	Authority MTZ	45 WG		12 oz/a	A		100	100	0	100	98
11	Anthem MAXX	4.3 L		3 fl oz/a	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
11	XtendiMax	2.9 L		22 fl oz/a	A						
11	Intact	L		0.5 % v/v	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
11	XtendiMax	2.9 L		22 fl oz/a	B						
11	Intact	L		0.5 % v/v	B						
12	Authority XL	70 WG		4 oz/a	A		100	100	0	100	100
12	Anthem MAXX	4.3 L		3 fl oz/a	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
12	XtendiMax	2.9 L		22 fl oz/a	A						
12	Intact	L		0.5 % v/v	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
12	XtendiMax	2.9 L		22 fl oz/a	B						
12	Intact	L		0.5 % v/v	B						

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Crop Code					
Rating Date	May-30-2017	May-30-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017
Rating Type	control	control	injury	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	15 DA-A	15 DA-A	28 DA-A	28 DA-A	28 DA-A
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
13	Zidua PRO	4.09	L	6 fl oz/a	A		100	100	0	100	100
13	Roundup PowerMax	4.5	L	32 fl oz/a	A						
13	XtendiMax	2.9	L	22 fl oz/a	A						
13	Intact		L	0.5 % v/v	A						
13	Roundup PowerMax	4.5	L	32 fl oz/a	B						
13	XtendiMax	2.9	L	22 fl oz/a	B						
13	Intact		L	0.5 % v/v	B						
14	Authority XL	70	WG	4 oz/a	A		100	100	0	100	100
14	Roundup PowerMax	4.5	SL	32 fl oz/a	A						
14	XtendiMax	2.9	L	22 fl oz/a	A						
14	Intact		L	0.5 % v/v	A						
14	Anthem MAXX	4.3	L	3 fl oz/a	B						
14	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
14	XtendiMax	2.9	L	22 fl oz/a	B						
14	Intact		L	0.5 % v/v	B						
15	Authority MTZ	45	WG	12 oz/a	A		100	100	0	100	97
15	Roundup PowerMax	4.5	SL	32 fl oz/a	A						
15	XtendiMax	2.9	L	22 fl oz/a	A						
15	Intact		L	0.5 % v/v	A						
15	Anthem MAXX	4.3	L	3 fl oz/a	B						
15	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
15	XtendiMax	2.9	L	22 fl oz/a	B						
15	Intact		L	0.5 % v/v	B						
16	Roundup PowerMax	4.5	SL	32 fl oz/a	B		0	0	0	0	0
16	XtendiMax	2.9	L	22 fl oz/a	B						
16	Intact		L	0.5 % v/v	B						
17	Anthem MAXX	4.3	L	3 fl oz/a	B		0	0	0	0	0
17	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
17	XtendiMax	2.9	L	22 fl oz/a	B						
17	Intact		L	0.5 % v/v	B						
18	Warrant	3	L	3 pt/a	B		0	0	0	0	0
18	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
18	XtendiMax	2.9	L	22 fl oz/a	B						
18	Intact		L	0.5 % v/v	B						
	LSD P=.05						2.7
	Standard Deviation						0.0	0.0	0.0	0.0	1.6
	CV						0.0	0.0	0.0	0.0	2.1

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

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

Pest Code	VERPG	TAROF	ERICA	CHEAL	AMBEL
Crop Code					
Rating Date	Jun-12-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017
Rating Type	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
1	Roundup PowerMax	4.5 L		32 fl oz/a	A		100	78	100	100	100
1	XtendiMax	2.9 L		22 fl oz/a	A						
1	Intact	L		0.5 % v/v	A						
1	Roundup PowerMax	4.5 L		32 fl oz/a	B						
1	XtendiMax	2.9 L		22 fl oz/a	B						
1	Intact	L		0.5 % v/v	B						
2	Valor EZ	4 L		2 fl oz/a	A		100	83	100	100	100
2	Roundup PowerMax	4.5 L		32 fl oz/a	A						
2	XtendiMax	2.9 L		22 fl oz/a	A						
2	Intact	L		0.5 % v/v	A						
2	Roundup PowerMax	4.5 L		32 fl oz/a	B						
2	XtendiMax	2.9 L		22 fl oz/a	B						
2	Intact	L		0.5 % v/v	B						
3	Valor EZ	4 L		2.5 fl oz/a	A		100	90	100	100	100
3	Roundup PowerMax	4.5 L		32 fl oz/a	A						
3	XtendiMax	2.9 L		22 fl oz/a	A						
3	Intact	L		0.5 % v/v	A						
3	Roundup PowerMax	4.5 L		32 fl oz/a	B						
3	XtendiMax	2.9 L		22 fl oz/a	B						
3	Intact	L		0.5 % v/v	B						
4	Valor EZ	4 L		2.5 fl oz/a	A		100	73	100	100	100
4	Metribuzin	75 WG		4 oz/a	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	A						
4	XtendiMax	2.9 L		22 fl oz/a	A						
4	Intact	L		0.5 % v/v	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	B						
4	XtendiMax	2.9 L		22 fl oz/a	B						
4	Intact	L		0.5 % v/v	B						
5	Authority MTZ (Liquid F-4242)	4 L		11 fl oz/a	A		100	72	100	100	100
5	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
5	XtendiMax	2.9 L		22 fl oz/a	A						
5	Intact	L		0.5 % v/v	A						
5	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
5	XtendiMax	2.9 L		22 fl oz/a	B						
5	Intact	L		0.5 % v/v	B						
6	Authority MTZ	45 WG		12 oz/a	A		100	78	100	100	100
6	Roundup PowerMax	4.5 L		32 fl oz/a	A						
6	XtendiMax	2.9 L		22 fl oz/a	A						
6	Intact	L		0.5 % v/v	A						
6	Roundup PowerMax	4.5 L		32 fl oz/a	B						
6	XtendiMax	2.9 L		22 fl oz/a	B						
6	Intact	L		0.5 % v/v	B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code		VERPG	TAROF	ERICA	CHEAL	AMBEL			
Crop Code									
Rating Date		Jun-12-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017			
Rating Type		control	control	control	control	control			
Rating Unit		percent	percent	percent	percent	percent			
Trt-Eval Interval		28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A			
Number of Decimals		0	0	0	0	0			
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Appl Code	*	*	*	*	*
7 Untreated					0	0	0	0	0
8 Authority Elite	7 L		26 fl oz/a A		100	65	100	100	100
8 Roundup PowerMax	4.5 L		32 fl oz/a A						
8 XtendiMax	2.9 L		22 fl oz/a A						
8 Intact	L		0.5 % v/v A						
8 Roundup PowerMax	4.5 L		32 fl oz/a B						
8 XtendiMax	2.9 L		22 fl oz/a B						
8 Intact	L		0.5 % v/v B						
9 Fierce	76 WG		3 oz/a A		100	77	100	100	100
9 Roundup PowerMax	4.5 L		32 fl oz/a A						
9 XtendiMax	2.9 L		22 fl oz/a A						
9 Intact	L		0.5 % v/v A						
9 Roundup PowerMax	4.5 L		32 fl oz/a B						
9 XtendiMax	2.9 L		22 fl oz/a B						
9 Intact	L		0.5 % v/v B						
10 Fierce MTZ	2.64 L		16 fl oz/a A		100	81	100	100	100
10 Roundup PowerMax	4.5 L		32 fl oz/a A						
10 XtendiMax	2.9 L		22 fl oz/a A						
10 Intact	L		0.5 % v/v A						
10 Roundup PowerMax	4.5 L		32 fl oz/a B						
10 XtendiMax	2.9 L		22 fl oz/a B						
10 Intact	L		0.5 % v/v B						
11 Authority MTZ	45 WG		12 oz/a A		100	68	98	100	100
11 Anthem MAXX	4.3 L		3 fl oz/a A						
11 Roundup PowerMax	4.5 SL		32 fl oz/a A						
11 XtendiMax	2.9 L		22 fl oz/a A						
11 Intact	L		0.5 % v/v A						
11 Roundup PowerMax	4.5 SL		32 fl oz/a B						
11 XtendiMax	2.9 L		22 fl oz/a B						
11 Intact	L		0.5 % v/v B						
12 Authority XL	70 WG		4 oz/a A		100	85	100	100	100
12 Anthem MAXX	4.3 L		3 fl oz/a A						
12 Roundup PowerMax	4.5 SL		32 fl oz/a A						
12 XtendiMax	2.9 L		22 fl oz/a A						
12 Intact	L		0.5 % v/v A						
12 Roundup PowerMax	4.5 SL		32 fl oz/a B						
12 XtendiMax	2.9 L		22 fl oz/a B						
12 Intact	L		0.5 % v/v B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	VERPG	TAROF	ERICA	CHEAL	AMBEL
Crop Code					
Rating Date	Jun-12-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017	Jun-12-2017
Rating Type	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	28 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
13	Zidua PRO	4.09	L	6 fl oz/a	A	A	100	77	100	100	100
13	Roundup PowerMax	4.5	L	32 fl oz/a	A	A					
13	XtendiMax	2.9	L	22 fl oz/a	A	A					
13	Intact		L	0.5 % v/v	A	A					
13	Roundup PowerMax	4.5	L	32 fl oz/a	B	B					
13	XtendiMax	2.9	L	22 fl oz/a	B	B					
13	Intact		L	0.5 % v/v	B	B					
14	Authority XL	70	WG	4 oz/a	A	A	100	85	100	100	100
14	Roundup PowerMax	4.5	SL	32 fl oz/a	A	A					
14	XtendiMax	2.9	L	22 fl oz/a	A	A					
14	Intact		L	0.5 % v/v	A	A					
14	Anthem MAXX	4.3	L	3 fl oz/a	B	B					
14	Roundup PowerMax	4.5	SL	32 fl oz/a	B	B					
14	XtendiMax	2.9	L	22 fl oz/a	B	B					
14	Intact		L	0.5 % v/v	B	B					
15	Authority MTZ	45	WG	12 oz/a	A	A	100	73	100	100	100
15	Roundup PowerMax	4.5	SL	32 fl oz/a	A	A					
15	XtendiMax	2.9	L	22 fl oz/a	A	A					
15	Intact		L	0.5 % v/v	A	A					
15	Anthem MAXX	4.3	L	3 fl oz/a	B	B					
15	Roundup PowerMax	4.5	SL	32 fl oz/a	B	B					
15	XtendiMax	2.9	L	22 fl oz/a	B	B					
15	Intact		L	0.5 % v/v	B	B					
16	Roundup PowerMax	4.5	SL	32 fl oz/a	B	B	0	0	0	0	0
16	XtendiMax	2.9	L	22 fl oz/a	B	B					
16	Intact		L	0.5 % v/v	B	B					
17	Anthem MAXX	4.3	L	3 fl oz/a	B	B	0	0	0	0	0
17	Roundup PowerMax	4.5	SL	32 fl oz/a	B	B					
17	XtendiMax	2.9	L	22 fl oz/a	B	B					
17	Intact		L	0.5 % v/v	B	B					
18	Warrant	3	L	3 pt/a	B	B	0	0	0	0	0
18	Roundup PowerMax	4.5	SL	32 fl oz/a	B	B					
18	XtendiMax	2.9	L	22 fl oz/a	B	B					
18	Intact		L	0.5 % v/v	B	B					
LSD P=.05							0.2	19.7	1.1	.	.
Standard Deviation							0.1	11.9	0.7	0.0	0.0
CV							0.18	19.71	0.88	0.0	0.0

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	GLXMA	ANGR	CHEAL	AMBEL	TAROF
Crop Code	Jun-26-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017
Rating Date	injury	control	control	control	control
Rating Type	percent	percent	percent	percent	percent
Rating Unit	42 DA-A	0 DA-B	0 DA-B	0 DA-B	0 DA-B
Trt-Eval Interval	0	0	0	0	0
Number of Decimals					

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
1	Roundup PowerMax	4.5 L		32 fl oz/a	A		0	98	100	100	76
1	XtendiMax	2.9 L		22 fl oz/a	A						
1	Intact	L		0.5 % v/v	A						
1	Roundup PowerMax	4.5 L		32 fl oz/a	B						
1	XtendiMax	2.9 L		22 fl oz/a	B						
1	Intact	L		0.5 % v/v	B						
2	Valor EZ	4 L		2 fl oz/a	A		0	100	100	100	88
2	Roundup PowerMax	4.5 L		32 fl oz/a	A						
2	XtendiMax	2.9 L		22 fl oz/a	A						
2	Intact	L		0.5 % v/v	A						
2	Roundup PowerMax	4.5 L		32 fl oz/a	B						
2	XtendiMax	2.9 L		22 fl oz/a	B						
2	Intact	L		0.5 % v/v	B						
3	Valor EZ	4 L		2.5 fl oz/a	A		0	100	100	100	90
3	Roundup PowerMax	4.5 L		32 fl oz/a	A						
3	XtendiMax	2.9 L		22 fl oz/a	A						
3	Intact	L		0.5 % v/v	A						
3	Roundup PowerMax	4.5 L		32 fl oz/a	B						
3	XtendiMax	2.9 L		22 fl oz/a	B						
3	Intact	L		0.5 % v/v	B						
4	Valor EZ	4 L		2.5 fl oz/a	A		0	100	100	100	70
4	Metribuzin	75 WG		4 oz/a	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	A						
4	XtendiMax	2.9 L		22 fl oz/a	A						
4	Intact	L		0.5 % v/v	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	B						
4	XtendiMax	2.9 L		22 fl oz/a	B						
4	Intact	L		0.5 % v/v	B						
5	Authority MTZ (Liquid F-4242)	4 L		11 fl oz/a	A		0	100	100	100	68
5	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
5	XtendiMax	2.9 L		22 fl oz/a	A						
5	Intact	L		0.5 % v/v	A						
5	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
5	XtendiMax	2.9 L		22 fl oz/a	B						
5	Intact	L		0.5 % v/v	B						
6	Authority MTZ	45 WG		12 oz/a	A		0	100	100	100	77
6	Roundup PowerMax	4.5 L		32 fl oz/a	A						
6	XtendiMax	2.9 L		22 fl oz/a	A						
6	Intact	L		0.5 % v/v	A						
6	Roundup PowerMax	4.5 L		32 fl oz/a	B						
6	XtendiMax	2.9 L		22 fl oz/a	B						
6	Intact	L		0.5 % v/v	B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	GLXMA	ANGR	CHEAL	AMBEL	TAROF
Crop Code	Jun-26-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017
Rating Date	injury	control	control	control	control
Rating Type	percent	percent	percent	percent	percent
Rating Unit	42 DA-A	0 DA-B	0 DA-B	0 DA-B	0 DA-B
Trt-Eval Interval	0	0	0	0	0
Number of Decimals					

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
7	Untreated						0	0	0	0	0
8	Authority Elite	7 L		26 fl oz/a	A		0	100	100	100	66
8	Roundup PowerMax	4.5 L		32 fl oz/a	A						
8	XtendiMax	2.9 L		22 fl oz/a	A						
8	Intact	L		0.5 % v/v	A						
8	Roundup PowerMax	4.5 L		32 fl oz/a	B						
8	XtendiMax	2.9 L		22 fl oz/a	B						
8	Intact	L		0.5 % v/v	B						
9	Fierce	76 WG		3 oz/a	A		0	100	100	100	76
9	Roundup PowerMax	4.5 L		32 fl oz/a	A						
9	XtendiMax	2.9 L		22 fl oz/a	A						
9	Intact	L		0.5 % v/v	A						
9	Roundup PowerMax	4.5 L		32 fl oz/a	B						
9	XtendiMax	2.9 L		22 fl oz/a	B						
9	Intact	L		0.5 % v/v	B						
10	Fierce MTZ	2.64 L		16 fl oz/a	A		0	100	100	100	79
10	Roundup PowerMax	4.5 L		32 fl oz/a	A						
10	XtendiMax	2.9 L		22 fl oz/a	A						
10	Intact	L		0.5 % v/v	A						
10	Roundup PowerMax	4.5 L		32 fl oz/a	B						
10	XtendiMax	2.9 L		22 fl oz/a	B						
10	Intact	L		0.5 % v/v	B						
11	Authority MTZ	45 WG		12 oz/a	A		0	100	100	100	73
11	Anthem MAXX	4.3 L		3 fl oz/a	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
11	XtendiMax	2.9 L		22 fl oz/a	A						
11	Intact	L		0.5 % v/v	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
11	XtendiMax	2.9 L		22 fl oz/a	B						
11	Intact	L		0.5 % v/v	B						
12	Authority XL	70 WG		4 oz/a	A		0	100	100	100	85
12	Anthem MAXX	4.3 L		3 fl oz/a	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
12	XtendiMax	2.9 L		22 fl oz/a	A						
12	Intact	L		0.5 % v/v	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
12	XtendiMax	2.9 L		22 fl oz/a	B						
12	Intact	L		0.5 % v/v	B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code									
Crop Code				GLXMA		ANGR	CHEAL	AMBEL	TAROF
Rating Date				Jun-26-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017	Jun-27-2017
Rating Type				injury	control	control	control	control	control
Rating Unit				percent	percent	percent	percent	percent	percent
Trt-Eval Interval				42 DA-A	0 DA-B	0 DA-B	0 DA-B	0 DA-B	0 DA-B
Number of Decimals				0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
13	Zidua PRO	4.09	L	6 fl oz/a	A		0	100	100	100	76
13	Roundup PowerMax	4.5	L	32 fl oz/a	A						
13	XtendiMax	2.9	L	22 fl oz/a	A						
13	Intact		L	0.5 % v/v	A						
13	Roundup PowerMax	4.5	L	32 fl oz/a	B						
13	XtendiMax	2.9	L	22 fl oz/a	B						
13	Intact		L	0.5 % v/v	B						
14	Authority XL	70	WG	4 oz/a	A		0	100	100	100	75
14	Roundup PowerMax	4.5	SL	32 fl oz/a	A						
14	XtendiMax	2.9	L	22 fl oz/a	A						
14	Intact		L	0.5 % v/v	A						
14	Anthem MAXX	4.3	L	3 fl oz/a	B						
14	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
14	XtendiMax	2.9	L	22 fl oz/a	B						
14	Intact		L	0.5 % v/v	B						
15	Authority MTZ	45	WG	12 oz/a	A		0	97	100	100	78
15	Roundup PowerMax	4.5	SL	32 fl oz/a	A						
15	XtendiMax	2.9	L	22 fl oz/a	A						
15	Intact		L	0.5 % v/v	A						
15	Anthem MAXX	4.3	L	3 fl oz/a	B						
15	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
15	XtendiMax	2.9	L	22 fl oz/a	B						
15	Intact		L	0.5 % v/v	B						
16	Roundup PowerMax	4.5	SL	32 fl oz/a	B		0	0	0	0	0
16	XtendiMax	2.9	L	22 fl oz/a	B						
16	Intact		L	0.5 % v/v	B						
17	Anthem MAXX	4.3	L	3 fl oz/a	B		0	0	0	0	0
17	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
17	XtendiMax	2.9	L	22 fl oz/a	B						
17	Intact		L	0.5 % v/v	B						
18	Warrant	3	L	3 pt/a	B		0	0	0	0	0
18	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
18	XtendiMax	2.9	L	22 fl oz/a	B						
18	Intact		L	0.5 % v/v	B						
	LSD P=.05						.	2.6	.	.	22.8
	Standard Deviation						0.0	1.5	0.0	0.0	13.7
	CV						0.0	1.99	0.0	0.0	22.97

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

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

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
1	Roundup PowerMax	4.5 L		32 fl oz/a	A		100	0	100	100	100
1	XtendiMax	2.9 L		22 fl oz/a	A						
1	Intact	L		0.5 % v/v	A						
1	Roundup PowerMax	4.5 L		32 fl oz/a	B						
1	XtendiMax	2.9 L		22 fl oz/a	B						
1	Intact	L		0.5 % v/v	B						
2	Valor EZ	4 L		2 fl oz/a	A		100	0	100	100	100
2	Roundup PowerMax	4.5 L		32 fl oz/a	A						
2	XtendiMax	2.9 L		22 fl oz/a	A						
2	Intact	L		0.5 % v/v	A						
2	Roundup PowerMax	4.5 L		32 fl oz/a	B						
2	XtendiMax	2.9 L		22 fl oz/a	B						
2	Intact	L		0.5 % v/v	B						
3	Valor EZ	4 L		2.5 fl oz/a	A		100	0	100	100	100
3	Roundup PowerMax	4.5 L		32 fl oz/a	A						
3	XtendiMax	2.9 L		22 fl oz/a	A						
3	Intact	L		0.5 % v/v	A						
3	Roundup PowerMax	4.5 L		32 fl oz/a	B						
3	XtendiMax	2.9 L		22 fl oz/a	B						
3	Intact	L		0.5 % v/v	B						
4	Valor EZ	4 L		2.5 fl oz/a	A		100	0	100	100	100
4	Metribuzin	75 WG		4 oz/a	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	A						
4	XtendiMax	2.9 L		22 fl oz/a	A						
4	Intact	L		0.5 % v/v	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	B						
4	XtendiMax	2.9 L		22 fl oz/a	B						
4	Intact	L		0.5 % v/v	B						
5	Authority MTZ (Liquid F-4242)	4 L		11 fl oz/a	A		100	0	100	100	100
5	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
5	XtendiMax	2.9 L		22 fl oz/a	A						
5	Intact	L		0.5 % v/v	A						
5	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
5	XtendiMax	2.9 L		22 fl oz/a	B						
5	Intact	L		0.5 % v/v	B						
6	Authority MTZ	45 WG		12 oz/a	A		100	0	100	100	100
6	Roundup PowerMax	4.5 L		32 fl oz/a	A						
6	XtendiMax	2.9 L		22 fl oz/a	A						
6	Intact	L		0.5 % v/v	A						
6	Roundup PowerMax	4.5 L		32 fl oz/a	B						
6	XtendiMax	2.9 L		22 fl oz/a	B						
6	Intact	L		0.5 % v/v	B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

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

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
7	Untreated						0	0	0	0	0
8	Authority Elite	7 L		26 fl oz/a	A		100	0	100	100	100
8	Roundup PowerMax	4.5 L		32 fl oz/a	A						
8	XtendiMax	2.9 L		22 fl oz/a	A						
8	Intact	L		0.5 % v/v	A						
8	Roundup PowerMax	4.5 L		32 fl oz/a	B						
8	XtendiMax	2.9 L		22 fl oz/a	B						
8	Intact	L		0.5 % v/v	B						
9	Fierce	76 WG		3 oz/a	A		100	0	100	100	100
9	Roundup PowerMax	4.5 L		32 fl oz/a	A						
9	XtendiMax	2.9 L		22 fl oz/a	A						
9	Intact	L		0.5 % v/v	A						
9	Roundup PowerMax	4.5 L		32 fl oz/a	B						
9	XtendiMax	2.9 L		22 fl oz/a	B						
9	Intact	L		0.5 % v/v	B						
10	Fierce MTZ	2.64 L		16 fl oz/a	A		100	0	100	100	100
10	Roundup PowerMax	4.5 L		32 fl oz/a	A						
10	XtendiMax	2.9 L		22 fl oz/a	A						
10	Intact	L		0.5 % v/v	A						
10	Roundup PowerMax	4.5 L		32 fl oz/a	B						
10	XtendiMax	2.9 L		22 fl oz/a	B						
10	Intact	L		0.5 % v/v	B						
11	Authority MTZ	45 WG		12 oz/a	A		98	0	100	100	100
11	Anthem MAXX	4.3 L		3 fl oz/a	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
11	XtendiMax	2.9 L		22 fl oz/a	A						
11	Intact	L		0.5 % v/v	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
11	XtendiMax	2.9 L		22 fl oz/a	B						
11	Intact	L		0.5 % v/v	B						
12	Authority XL	70 WG		4 oz/a	A		100	0	100	100	100
12	Anthem MAXX	4.3 L		3 fl oz/a	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
12	XtendiMax	2.9 L		22 fl oz/a	A						
12	Intact	L		0.5 % v/v	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
12	XtendiMax	2.9 L		22 fl oz/a	B						
12	Intact	L		0.5 % v/v	B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	ERICA		GLXMA		ANGR	CHEAL	AMBEL				
Crop Code	Jun-27-2017	Jul-11-2017	Jul-11-2017	Jul-11-2017	Jul-11-2017	Jul-11-2017	Jul-11-2017				
Rating Date	control	injury	control	control	control	control	control				
Rating Type	percent	percent	percent	percent	percent	percent	percent				
Rating Unit	0 DA-B	14 DA-B	14 DA-B	14 DA-B	14 DA-B	14 DA-B	14 DA-B				
Trt-Eval Interval	0	0	0	0	0	0	0				
Number of Decimals	0	0	0	0	0	0	0				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
13	Zidua PRO	4.09	L	6 fl oz/a	A	A	100	0	100	100	100
13	Roundup PowerMax	4.5	L	32 fl oz/a	A	A					
13	XtendiMax	2.9	L	22 fl oz/a	A	A					
13	Intact		L	0.5 % v/v	A	A					
13	Roundup PowerMax	4.5	L	32 fl oz/a	B	B					
13	XtendiMax	2.9	L	22 fl oz/a	B	B					
13	Intact		L	0.5 % v/v	B	B					
14	Authority XL	70	WG	4 oz/a	A	A	100	15	100	100	100
14	Roundup PowerMax	4.5	SL	32 fl oz/a	A	A					
14	XtendiMax	2.9	L	22 fl oz/a	A	A					
14	Intact		L	0.5 % v/v	A	A					
14	Anthem MAXX	4.3	L	3 fl oz/a	B	B					
14	Roundup PowerMax	4.5	SL	32 fl oz/a	B	B					
14	XtendiMax	2.9	L	22 fl oz/a	B	B					
14	Intact		L	0.5 % v/v	B	B					
15	Authority MTZ	45	WG	12 oz/a	A	A	100	15	100	100	100
15	Roundup PowerMax	4.5	SL	32 fl oz/a	A	A					
15	XtendiMax	2.9	L	22 fl oz/a	A	A					
15	Intact		L	0.5 % v/v	A	A					
15	Anthem MAXX	4.3	L	3 fl oz/a	B	B					
15	Roundup PowerMax	4.5	SL	32 fl oz/a	B	B					
15	XtendiMax	2.9	L	22 fl oz/a	B	B					
15	Intact		L	0.5 % v/v	B	B					
16	Roundup PowerMax	4.5	SL	32 fl oz/a	B	B	0	0	100	97	100
16	XtendiMax	2.9	L	22 fl oz/a	B	B					
16	Intact		L	0.5 % v/v	B	B					
17	Anthem MAXX	4.3	L	3 fl oz/a	B	B	0	23	100	100	100
17	Roundup PowerMax	4.5	SL	32 fl oz/a	B	B					
17	XtendiMax	2.9	L	22 fl oz/a	B	B					
17	Intact		L	0.5 % v/v	B	B					
18	Warrant	3	L	3 pt/a	B	B	0	7	100	100	100
18	Roundup PowerMax	4.5	SL	32 fl oz/a	B	B					
18	XtendiMax	2.9	L	22 fl oz/a	B	B					
18	Intact		L	0.5 % v/v	B	B					
LSD P=.05							1.1	1.6	0.2	2.3	.
Standard Deviation							0.7	0.9	0.1	1.4	0.0
CV							0.88	28.44	0.14	1.46	0.0

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	TAROF	ERICA	GLXMA	ANGR	CHEAL
Crop Code					
Rating Date	Jul-11-2017	Jul-11-2017	Jul-27-2017	Jul-27-2017	Jul-27-2017
Rating Type	control	control	injury	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-B	14 DA-B	30 DA-B	30 DA-B	30 DA-B
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
1	Roundup PowerMax	4.5 L		32 fl oz/a	A		89	100	0	100	100
1	XtendiMax	2.9 L		22 fl oz/a	A						
1	Intact	L		0.5 % v/v	A						
1	Roundup PowerMax	4.5 L		32 fl oz/a	B						
1	XtendiMax	2.9 L		22 fl oz/a	B						
1	Intact	L		0.5 % v/v	B						
2	Valor EZ	4 L		2 fl oz/a	A		96	100	0	100	100
2	Roundup PowerMax	4.5 L		32 fl oz/a	A						
2	XtendiMax	2.9 L		22 fl oz/a	A						
2	Intact	L		0.5 % v/v	A						
2	Roundup PowerMax	4.5 L		32 fl oz/a	B						
2	XtendiMax	2.9 L		22 fl oz/a	B						
2	Intact	L		0.5 % v/v	B						
3	Valor EZ	4 L		2.5 fl oz/a	A		95	100	0	100	100
3	Roundup PowerMax	4.5 L		32 fl oz/a	A						
3	XtendiMax	2.9 L		22 fl oz/a	A						
3	Intact	L		0.5 % v/v	A						
3	Roundup PowerMax	4.5 L		32 fl oz/a	B						
3	XtendiMax	2.9 L		22 fl oz/a	B						
3	Intact	L		0.5 % v/v	B						
4	Valor EZ	4 L		2.5 fl oz/a	A		87	100	0	100	100
4	Metribuzin	75 WG		4 oz/a	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	A						
4	XtendiMax	2.9 L		22 fl oz/a	A						
4	Intact	L		0.5 % v/v	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	B						
4	XtendiMax	2.9 L		22 fl oz/a	B						
4	Intact	L		0.5 % v/v	B						
5	Authority MTZ (Liquid F-4242)	4 L		11 fl oz/a	A		88	100	0	100	100
5	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
5	XtendiMax	2.9 L		22 fl oz/a	A						
5	Intact	L		0.5 % v/v	A						
5	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
5	XtendiMax	2.9 L		22 fl oz/a	B						
5	Intact	L		0.5 % v/v	B						
6	Authority MTZ	45 WG		12 oz/a	A		88	100	0	100	100
6	Roundup PowerMax	4.5 L		32 fl oz/a	A						
6	XtendiMax	2.9 L		22 fl oz/a	A						
6	Intact	L		0.5 % v/v	A						
6	Roundup PowerMax	4.5 L		32 fl oz/a	B						
6	XtendiMax	2.9 L		22 fl oz/a	B						
6	Intact	L		0.5 % v/v	B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	TAROF	ERICA	GLXMA	ANGR	CHEAL
Crop Code					
Rating Date	Jul-11-2017	Jul-11-2017	Jul-27-2017	Jul-27-2017	Jul-27-2017
Rating Type	control	control	injury	control	control
Rating Unit	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-B	14 DA-B	30 DA-B	30 DA-B	30 DA-B
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
7	Untreated						0	0	0	0	0
8	Authority Elite	7 L		26 fl oz/a	A		80	100	0	100	100
8	Roundup PowerMax	4.5 L		32 fl oz/a	A						
8	XtendiMax	2.9 L		22 fl oz/a	A						
8	Intact	L		0.5 % v/v	A						
8	Roundup PowerMax	4.5 L		32 fl oz/a	B						
8	XtendiMax	2.9 L		22 fl oz/a	B						
8	Intact	L		0.5 % v/v	B						
9	Fierce	76 WG		3 oz/a	A		90	100	0	100	100
9	Roundup PowerMax	4.5 L		32 fl oz/a	A						
9	XtendiMax	2.9 L		22 fl oz/a	A						
9	Intact	L		0.5 % v/v	A						
9	Roundup PowerMax	4.5 L		32 fl oz/a	B						
9	XtendiMax	2.9 L		22 fl oz/a	B						
9	Intact	L		0.5 % v/v	B						
10	Fierce MTZ	2.64 L		16 fl oz/a	A		90	100	0	100	100
10	Roundup PowerMax	4.5 L		32 fl oz/a	A						
10	XtendiMax	2.9 L		22 fl oz/a	A						
10	Intact	L		0.5 % v/v	A						
10	Roundup PowerMax	4.5 L		32 fl oz/a	B						
10	XtendiMax	2.9 L		22 fl oz/a	B						
10	Intact	L		0.5 % v/v	B						
11	Authority MTZ	45 WG		12 oz/a	A		92	100	0	100	100
11	Anthem MAXX	4.3 L		3 fl oz/a	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
11	XtendiMax	2.9 L		22 fl oz/a	A						
11	Intact	L		0.5 % v/v	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
11	XtendiMax	2.9 L		22 fl oz/a	B						
11	Intact	L		0.5 % v/v	B						
12	Authority XL	70 WG		4 oz/a	A		92	100	0	100	100
12	Anthem MAXX	4.3 L		3 fl oz/a	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
12	XtendiMax	2.9 L		22 fl oz/a	A						
12	Intact	L		0.5 % v/v	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
12	XtendiMax	2.9 L		22 fl oz/a	B						
12	Intact	L		0.5 % v/v	B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	TAROF	ERICA	GLXMA	ANGR	CHEAL				
Crop Code									
Rating Date	Jul-11-2017	Jul-11-2017	Jul-27-2017	Jul-27-2017	Jul-27-2017				
Rating Type	control	control	injury	control	control				
Rating Unit	percent	percent	percent	percent	percent				
Trt-Eval Interval	14 DA-B	14 DA-B	30 DA-B	30 DA-B	30 DA-B				
Number of Decimals	0	0	0	0	0				
Trt Treatment No. Name	Form Conc	Form Type	Rate Unit	Appl Code	*	*	*	*	*
13 Zidua PRO	4.09 L	L	6 fl oz/a	A	88	100	0	100	100
13 Roundup PowerMax	4.5 L	L	32 fl oz/a	A					
13 XtendiMax	2.9 L	L	22 fl oz/a	A					
13 Intact	L	L	0.5 % v/v	A					
13 Roundup PowerMax	4.5 L	L	32 fl oz/a	B					
13 XtendiMax	2.9 L	L	22 fl oz/a	B					
13 Intact	L	L	0.5 % v/v	B					
14 Authority XL	70 WG	WG	4 oz/a	A	87	100	0	100	100
14 Roundup PowerMax	4.5 SL	SL	32 fl oz/a	A					
14 XtendiMax	2.9 L	L	22 fl oz/a	A					
14 Intact	L	L	0.5 % v/v	A					
14 Anthem MAXX	4.3 L	L	3 fl oz/a	B					
14 Roundup PowerMax	4.5 SL	SL	32 fl oz/a	B					
14 XtendiMax	2.9 L	L	22 fl oz/a	B					
14 Intact	L	L	0.5 % v/v	B					
15 Authority MTZ	45 WG	WG	12 oz/a	A	88	100	0	100	100
15 Roundup PowerMax	4.5 SL	SL	32 fl oz/a	A					
15 XtendiMax	2.9 L	L	22 fl oz/a	A					
15 Intact	L	L	0.5 % v/v	A					
15 Anthem MAXX	4.3 L	L	3 fl oz/a	B					
15 Roundup PowerMax	4.5 SL	SL	32 fl oz/a	B					
15 XtendiMax	2.9 L	L	22 fl oz/a	B					
15 Intact	L	L	0.5 % v/v	B					
16 Roundup PowerMax	4.5 SL	SL	32 fl oz/a	B	52	68	0	100	100
16 XtendiMax	2.9 L	L	22 fl oz/a	B					
16 Intact	L	L	0.5 % v/v	B					
17 Anthem MAXX	4.3 L	L	3 fl oz/a	B	55	57	0	100	100
17 Roundup PowerMax	4.5 SL	SL	32 fl oz/a	B					
17 XtendiMax	2.9 L	L	22 fl oz/a	B					
17 Intact	L	L	0.5 % v/v	B					
18 Warrant	3 L	L	3 pt/a	B	78	63	0	100	100
18 Roundup PowerMax	4.5 SL	SL	32 fl oz/a	B					
18 XtendiMax	2.9 L	L	22 fl oz/a	B					
18 Intact	L	L	0.5 % v/v	B					
LSD P=.05					14.5	10.8	.	.	.
Standard Deviation					8.7	6.5	0.0	0.0	0.0
CV					10.96	7.35	0.0	0.0	0.0

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	AMBEL	TAROF	ERICA	GLXMA	GLXMA
Crop Code					
Rating Date	Jul-27-2017	Jul-27-2017	Jul-27-2017	Oct-17-2017	Oct-17-2017
Rating Type	control	control	control	moisture	yield
Rating Unit	percent	percent	percent	percent	bu/acre
Trt-Eval Interval	30 DA-B	30 DA-B	30 DA-B	112 DA-B	at 13% M
Number of Decimals	0	0	0	1	1

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
1	Roundup PowerMax	4.5 L		32 fl oz/a	A		100	88	100	21.4	47.0
1	XtendiMax	2.9 L		22 fl oz/a	A						
1	Intact	L		0.5 % v/v	A						
1	Roundup PowerMax	4.5 L		32 fl oz/a	B						
1	XtendiMax	2.9 L		22 fl oz/a	B						
1	Intact	L		0.5 % v/v	B						
2	Valor EZ	4 L		2 fl oz/a	A		100	97	100	21.4	55.0
2	Roundup PowerMax	4.5 L		32 fl oz/a	A						
2	XtendiMax	2.9 L		22 fl oz/a	A						
2	Intact	L		0.5 % v/v	A						
2	Roundup PowerMax	4.5 L		32 fl oz/a	B						
2	XtendiMax	2.9 L		22 fl oz/a	B						
2	Intact	L		0.5 % v/v	B						
3	Valor EZ	4 L		2.5 fl oz/a	A		100	97	100	22.0	53.4
3	Roundup PowerMax	4.5 L		32 fl oz/a	A						
3	XtendiMax	2.9 L		22 fl oz/a	A						
3	Intact	L		0.5 % v/v	A						
3	Roundup PowerMax	4.5 L		32 fl oz/a	B						
3	XtendiMax	2.9 L		22 fl oz/a	B						
3	Intact	L		0.5 % v/v	B						
4	Valor EZ	4 L		2.5 fl oz/a	A		100	90	100	21.4	56.8
4	Metribuzin	75 WG		4 oz/a	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	A						
4	XtendiMax	2.9 L		22 fl oz/a	A						
4	Intact	L		0.5 % v/v	A						
4	Roundup PowerMax	4.5 L		32 fl oz/a	B						
4	XtendiMax	2.9 L		22 fl oz/a	B						
4	Intact	L		0.5 % v/v	B						
5	Authority MTZ (Liquid F-4242)	4 L		11 fl oz/a	A		100	97	100	21.3	51.4
5	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
5	XtendiMax	2.9 L		22 fl oz/a	A						
5	Intact	L		0.5 % v/v	A						
5	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
5	XtendiMax	2.9 L		22 fl oz/a	B						
5	Intact	L		0.5 % v/v	B						
6	Authority MTZ	45 WG		12 oz/a	A		100	92	100	21.1	53.0
6	Roundup PowerMax	4.5 L		32 fl oz/a	A						
6	XtendiMax	2.9 L		22 fl oz/a	A						
6	Intact	L		0.5 % v/v	A						
6	Roundup PowerMax	4.5 L		32 fl oz/a	B						
6	XtendiMax	2.9 L		22 fl oz/a	B						
6	Intact	L		0.5 % v/v	B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	AMBEL	TAROF	ERICA	GLXMA	GLXMA
Crop Code					
Rating Date	Jul-27-2017	Jul-27-2017	Jul-27-2017	Oct-17-2017	Oct-17-2017
Rating Type	control	control	control	moisture	yield
Rating Unit	percent	percent	percent	percent	bu/acre
Trt-Eval Interval	30 DA-B	30 DA-B	30 DA-B	112 DA-B	at 13% M
Number of Decimals	0	0	0	1	1

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
7	Untreated						0	0	0	20.9	26.3
8	Authority Elite	7 L		26 fl oz/a	A		100	85	100	22.0	45.1
8	Roundup PowerMax	4.5 L		32 fl oz/a	A						
8	XtendiMax	2.9 L		22 fl oz/a	A						
8	Intact	L		0.5 % v/v	A						
8	Roundup PowerMax	4.5 L		32 fl oz/a	B						
8	XtendiMax	2.9 L		22 fl oz/a	B						
8	Intact	L		0.5 % v/v	B						
9	Fierce	76 WG		3 oz/a	A		100	98	100	21.4	52.5
9	Roundup PowerMax	4.5 L		32 fl oz/a	A						
9	XtendiMax	2.9 L		22 fl oz/a	A						
9	Intact	L		0.5 % v/v	A						
9	Roundup PowerMax	4.5 L		32 fl oz/a	B						
9	XtendiMax	2.9 L		22 fl oz/a	B						
9	Intact	L		0.5 % v/v	B						
10	Fierce MTZ	2.64 L		16 fl oz/a	A		100	93	100	21.9	54.4
10	Roundup PowerMax	4.5 L		32 fl oz/a	A						
10	XtendiMax	2.9 L		22 fl oz/a	A						
10	Intact	L		0.5 % v/v	A						
10	Roundup PowerMax	4.5 L		32 fl oz/a	B						
10	XtendiMax	2.9 L		22 fl oz/a	B						
10	Intact	L		0.5 % v/v	B						
11	Authority MTZ	45 WG		12 oz/a	A		100	95	100	22.0	51.0
11	Anthem MAXX	4.3 L		3 fl oz/a	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
11	XtendiMax	2.9 L		22 fl oz/a	A						
11	Intact	L		0.5 % v/v	A						
11	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
11	XtendiMax	2.9 L		22 fl oz/a	B						
11	Intact	L		0.5 % v/v	B						
12	Authority XL	70 WG		4 oz/a	A		100	94	100	21.1	46.3
12	Anthem MAXX	4.3 L		3 fl oz/a	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	A						
12	XtendiMax	2.9 L		22 fl oz/a	A						
12	Intact	L		0.5 % v/v	A						
12	Roundup PowerMax	4.5 SL		32 fl oz/a	B						
12	XtendiMax	2.9 L		22 fl oz/a	B						
12	Intact	L		0.5 % v/v	B						

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.

Weed control comparisons in no-till RR2 Xtend soybean

Trial ID: NTS04-17

Location: Campus T-17

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code	AMBEL	TAROF	ERICA	GLXMA	GLXMA
Crop Code					
Rating Date	Jul-27-2017	Jul-27-2017	Jul-27-2017	Oct-17-2017	Oct-17-2017
Rating Type	control	control	control	moisture	yield
Rating Unit	percent	percent	percent	percent	bu/acre
Trt-Eval Interval	30 DA-B	30 DA-B	30 DA-B	112 DA-B	at 13% M
Number of Decimals	0	0	0	1	1

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Appl Code	*	*	*	*	*
13	Zidua PRO	4.09	L	6 fl oz/a	A		100	88	100	21.7	49.7
13	Roundup PowerMax	4.5	L	32 fl oz/a	A						
13	XtendiMax	2.9	L	22 fl oz/a	A						
13	Intact		L	0.5 % v/v	A						
13	Roundup PowerMax	4.5	L	32 fl oz/a	B						
13	XtendiMax	2.9	L	22 fl oz/a	B						
13	Intact		L	0.5 % v/v	B						
14	Authority XL	70	WG	4 oz/a	A		100	93	100	22.0	50.5
14	Roundup PowerMax	4.5	SL	32 fl oz/a	A						
14	XtendiMax	2.9	L	22 fl oz/a	A						
14	Intact		L	0.5 % v/v	A						
14	Anthem MAXX	4.3	L	3 fl oz/a	B						
14	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
14	XtendiMax	2.9	L	22 fl oz/a	B						
14	Intact		L	0.5 % v/v	B						
15	Authority MTZ	45	WG	12 oz/a	A		100	92	100	21.8	51.2
15	Roundup PowerMax	4.5	SL	32 fl oz/a	A						
15	XtendiMax	2.9	L	22 fl oz/a	A						
15	Intact		L	0.5 % v/v	A						
15	Anthem MAXX	4.3	L	3 fl oz/a	B						
15	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
15	XtendiMax	2.9	L	22 fl oz/a	B						
15	Intact		L	0.5 % v/v	B						
16	Roundup PowerMax	4.5	SL	32 fl oz/a	B		100	58	100	21.3	38.2
16	XtendiMax	2.9	L	22 fl oz/a	B						
16	Intact		L	0.5 % v/v	B						
17	Anthem MAXX	4.3	L	3 fl oz/a	B		100	83	100	21.4	42.2
17	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
17	XtendiMax	2.9	L	22 fl oz/a	B						
17	Intact		L	0.5 % v/v	B						
18	Warrant	3	L	3 pt/a	B		100	80	100	21.4	42.7
18	Roundup PowerMax	4.5	SL	32 fl oz/a	B						
18	XtendiMax	2.9	L	22 fl oz/a	B						
18	Intact		L	0.5 % v/v	B						
	LSD P=.05						.	15.8	.	1.05	11.71
	Standard Deviation						0.0	9.5	0.0	0.63	7.04
	CV						0.0	11.23	0.0	2.93	14.65

* Adjusted means

Could not calculate LSD (% mean diff) for columns 3,6,7,8,9,14,15,16,18,19,25,28,29,30,31,33 because error mean square = 0.