

**Crop response and weed control with tank-mixtures in RR2 Xtend soybean - "Stewarded"**

Trial ID: SOY08-16 Study Dir.: Sprague, Powell, Stiles  
 Conducted: Campus T-16 Investigator: Christy Sprague

**Planting Date:** May-19-2016 **Row Spacing:** 30 IN  
**Variety:** AG25X6 **No. of Reps:** 4  
**Population:** 152000 seeds/A **% OM:** 3.7  
**Soil Type:** CL clay loam **pH:** 6.8  
**Plot Size:** 10 X 35 FT **Study Design:** Randomized Complete Block (RCB)

**Tillage/Previous Crops:** Fall chisel plowed; spring soil finished twice  
**Fertilizer:**

**Crop and Weed Description**

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

**Application Description**

	A	B	C
<b>Application Timing:</b>	PRE	POST	LPOS
<b>Date Treated:</b>	May-19-2016	Jun-9-2016	Jun-21-2016
<b>Time Treated:</b>	3:15 PM	10:50 AM	9:00 AM
<b>% Cloud Cover:</b>	10	90	0
<b>Air Temp., Unit:</b>	72 F	65 F	84 F
<b>% Relative Humidity:</b>	30	46	47
<b>Wind Speed/Unit/Dir:</b>	3 mph NE	3 mph SW	1 mph SE
<b>Soil Temp, Unit:</b>	61 F	64 F	70 F
<b>Leaf Moist/Dew Presence (Y/N):</b>	5	5	5
<b>Soil Moist:</b>	3	4	4

**Crop Stage at Each Application**

	A	B	C
<b>Crop 1 Name:</b>	GLXMA	GLXMA	GLXMA
<b>Height:</b>		5 "	8 "
<b>Stage:</b>		V1	V3

**Weed Stage at Each Application**

	A	B	C
<b>Weed 1 Name:</b>	ANGR	ANGR	ANGR
<b>Height:</b>		1-5 " (3)	1-3 " (2)
<b>Stage:</b>		2-5L	3L
<b>Weed 2 Name:</b>	CHEAL	CHEAL	CHEAL
<b>Height:</b>		1-2 " (11)	
<b>Stage:</b>		6L	
<b>Weed 3 Name:</b>	AMAPO	AMAPO	AMAPO
<b>Height:</b>		1-2 " (1)	
<b>Stage:</b>		5-6L	
<b>Weed 4 Name:</b>	AMBEL	AMBEL	AMBEL
<b>Height:</b>		0.5-1.5 " (1)	
<b>Stage:</b>			
<b>Weed 5 Name:</b>	ABUTH	ABUTH	ABUTH
<b>Height:</b>		1-1.5 " (1)	
<b>Stage:</b>		2-4L	

**Weed Density**

	1	2	3	4	5
<b>Date:</b>	Jun-21-2016	Jun-21-2016	Jun-21-2016	Jun-21-2016	Jun-21-2016
<b>Weed Name:</b>	ANGR	CHEAL	AMAPO	AMBEL	ABUTH
<b>Density:</b>	38 FT2	1 FT2	1 FT2	3 FT2	1 FT2

**Application Equipment**

**Crop response and weed control with tank-mixtures in RR2 Xtend soybean - "Stewarded"**

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Conducted: Campus T-16

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<b>Appl</b>	<b>Sprayer Type</b>	<b>Ground Speed</b>	<b>Nozzle Type</b>	<b>Nozzle Size</b>	<b>Nozzle Height</b>	<b>Nozzle Spacing</b>	<b>Boom Width</b>	<b>Spray Volume</b>	<b>Carrier</b>	<b>Operation Pressure</b>
<b>A</b>	CUB	3.8 mph	TTI	11003	22 "	20 "	100 "	19 GAL/AC	WATER	25 PSI
<b>B</b>	CUB	3.8 mph	TTI	11003	24 "	20 "	100 "	19 GAL/AC	WATER	25 PSI
<b>C</b>	CUB	3.8 mph	TTI	11003	24 "	20 "	100 "	19 GAL/AC	WATER	25 PSI

**Comments:** The entire plot was sprayed with SelectMax at 12 fl oz/A + COC at 1% v/v on July 15 for annual grass control.

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**Study Director: Sprague, Powell, Stiles**

Pest Code	ANGR		AMBEL		ANGR		AMBEL	
Crop Code	GLXMA		GLXMA		GLXMA		GLXMA	
Rating Date	Jun-9-2016	Jun-9-2016	Jun-9-2016	Jun-16-2016	Jun-16-2016	Jun-16-2016	Jun-23-2016	
Rating Type	injury	control	control	injury	control	control	injury	
Rating Unit	percent	percent	percent	percent	percent	percent	percent	
Trt-Eval Interval	21 DA-A	21 DA-A	21 DA-A	7 DA-B	7 DA-B	7 DA-B	14 DA-B	
Number of Decimals	0	0	0	0	0	0	0	

Trt No.	Treatment Name	Rate	Appl Code	0	45	50	19	21	96	97	98	99
1	MON 76980	22 fl oz/a	A	0	45	50	0	97	99	0		
1	Warrant	3 pt/a	A									
1	MON 76980	22 fl oz/a	B									
1	Roundup PowerMax	32 fl oz/a	B									
1	MON 76980	22 fl oz/a	C									
1	Roundup PowerMax	32 fl oz/a	C									
2	MON 76980	22 fl oz/a	A	0	45	50	19	95	99	9		
2	Warrant	3 pt/a	A									
2	Cobra	10 fl oz/a	B									
2	Roundup PowerMax	32 fl oz/a	B									
2	MON 76980	22 fl oz/a	C									
2	Roundup PowerMax	32 fl oz/a	C									
3	MON 76980	22 fl oz/a	A	0	45	50	21	97	98	9		
3	Warrant	3 pt/a	A									
3	Warrant Ultra	50 fl oz/a	B									
3	Roundup PowerMax	32 fl oz/a	B									
3	MON 76980	22 fl oz/a	C									
3	Roundup PowerMax	32 fl oz/a	C									
4	MON 76980	22 fl oz/a	A	0	45	50	21	96	98	8		
4	Warrant	3 pt/a	A									
4	Cobra	10 fl oz/a	B									
4	MON 76980	22 fl oz/a	B									
4	Roundup PowerMax	32 fl oz/a	B									
4	MON 76980	22 fl oz/a	C									
4	Roundup PowerMax	32 fl oz/a	C									
5	MON 76980	22 fl oz/a	A	0	45	50	0	96	98	0		
5	Warrant	3 pt/a	A									
5	Warrant	3 pt/a	B									
5	MON 76980	22 fl oz/a	B									
5	Roundup PowerMax	32 fl oz/a	B									
5	MON 76980	22 fl oz/a	C									
5	Roundup PowerMax	32 fl oz/a	C									
6	MON 76980	22 fl oz/a	A	0	45	50	8	95	97	4		
6	Warrant	3 pt/a	A									
6	SelectMax	6 fl oz/a	B									
6	MON 76980	22 fl oz/a	B									
6	Roundup PowerMax	32 fl oz/a	B									
6	MON 76980	22 fl oz/a	C									
6	Roundup PowerMax	32 fl oz/a	C									

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**Study Director: Sprague, Powell, Stiles**

Pest Code	ANGR		AMBEL		ANGR		AMBEL	
Crop Code	GLXMA		GLXMA		GLXMA		GLXMA	
Rating Date	Jun-9-2016	Jun-9-2016	Jun-9-2016	Jun-16-2016	Jun-16-2016	Jun-16-2016	Jun-23-2016	
Rating Type	injury	control	control	injury	control	control	injury	
Rating Unit	percent	percent	percent	percent	percent	percent	percent	
Trt-Eval Interval	21 DA-A	21 DA-A	21 DA-A	7 DA-B	7 DA-B	7 DA-B	14 DA-B	
Number of Decimals	0	0	0	0	0	0	0	

Trt No.	Treatment Name	Rate	Appl Code							
		Rate Unit								
7	MON 76980	22 fl oz/a	A	0	45	50	4	97	98	2
7	Warrant	3 pt/a	A							
7	FirstRate	0.6 oz/a	B							
7	MON 76980	22 fl oz/a	B							
7	Roundup PowerMax	32 fl oz/a	B							
7	MON 76980	22 fl oz/a	C							
7	Roundup PowerMax	32 fl oz/a	C							
8	MON 76980	22 fl oz/a	A	0	45	50	20	91	99	10
8	Warrant	3 pt/a	A							
8	Warrant Ultra	50 fl oz/a	B							
8	MON 76980	22 fl oz/a	B							
8	Roundup PowerMax	32 fl oz/a	B							
8	MON 76980	22 fl oz/a	C							
8	Roundup PowerMax	32 fl oz/a	C							
9	MON 76980	22 fl oz/a	A	0	45	50	25	93	98	10
9	Warrant	3 pt/a	A							
9	Cobra	10 fl oz/a	B							
9	Warrant	3 pt/a	B							
9	MON 76980	22 fl oz/a	B							
9	Roundup PowerMax	32 fl oz/a	B							
9	MON 76980	22 fl oz/a	C							
9	Roundup PowerMax	32 fl oz/a	C							
10	MON 76980	22 fl oz/a	A	0	45	50	26	86	99	9
10	Warrant	3 pt/a	A							
10	SelectMax	6 fl oz/a	B							
10	Cobra	10 fl oz/a	B							
10	Warrant	3 pt/a	B							
10	MON 76980	22 fl oz/a	B							
10	Roundup PowerMax	32 fl oz/a	B							
10	MON 76980	22 fl oz/a	C							
10	Roundup PowerMax	32 fl oz/a	C							
LSD	P=.05			.	.	.	6.6	4.2	2.3	3.2
Standard Deviation				0.0	0.0	0.0	4.5	2.9	1.6	2.2
CV				0.0	0.0	0.0	31.59	3.08	1.61	37.0

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Pest Code	ANGR	CHEAL	AMAPO	AMBEL				ANGR
Crop Code					GLXMA	GLXMA		
Rating Date	Jun-23-2016	Jun-23-2016	Jun-23-2016	Jun-23-2016	Jun-28-2016	Jul-5-2016	Jul-5-2016	
Rating Type	control	control	control	control	injury	injury	control	
Rating Unit	percent	percent	percent	percent	percent	percent	percent	
Trt-Eval Interval	14 DA-B	14 DA-B	14 DA-B	14 DA-B	7 DA-C	14 DA-C	14 DA-C	
Number of Decimals	0	0	0	0	0	0	0	

Trt No.	Treatment Name	Rate	Appl Code							
		Rate Unit								
1	MON 76980	22 fl oz/a	A	99	100	100	100	0	0	77
	1 Warrant	3 pt/a	A							
1	MON 76980	22 fl oz/a	B							
	1 Roundup PowerMax	32 fl oz/a	B							
1	MON 76980	22 fl oz/a	C							
	1 Roundup PowerMax	32 fl oz/a	C							
2	MON 76980	22 fl oz/a	A	99	100	100	100	5	0	73
	2 Warrant	3 pt/a	A							
	2 Cobra	10 fl oz/a	B							
	2 Roundup PowerMax	32 fl oz/a	B							
	2 MON 76980	22 fl oz/a	C							
	2 Roundup PowerMax	32 fl oz/a	C							
3	MON 76980	22 fl oz/a	A	99	100	100	99	4	0	78
	3 Warrant	3 pt/a	A							
	3 Warrant Ultra	50 fl oz/a	B							
	3 Roundup PowerMax	32 fl oz/a	B							
	3 MON 76980	22 fl oz/a	C							
	3 Roundup PowerMax	32 fl oz/a	C							
4	MON 76980	22 fl oz/a	A	98	100	100	100	4	0	75
	4 Warrant	3 pt/a	A							
	4 Cobra	10 fl oz/a	B							
	4 MON 76980	22 fl oz/a	B							
	4 Roundup PowerMax	32 fl oz/a	B							
	4 MON 76980	22 fl oz/a	C							
	4 Roundup PowerMax	32 fl oz/a	C							
5	MON 76980	22 fl oz/a	A	99	100	100	100	0	0	82
	5 Warrant	3 pt/a	A							
	5 Warrant	3 pt/a	B							
	5 MON 76980	22 fl oz/a	B							
	5 Roundup PowerMax	32 fl oz/a	B							
	5 MON 76980	22 fl oz/a	C							
	5 Roundup PowerMax	32 fl oz/a	C							
6	MON 76980	22 fl oz/a	A	100	100	100	100	3	0	73
	6 Warrant	3 pt/a	A							
	6 SelectMax	6 fl oz/a	B							
	6 MON 76980	22 fl oz/a	B							
	6 Roundup PowerMax	32 fl oz/a	B							
	6 MON 76980	22 fl oz/a	C							
	6 Roundup PowerMax	32 fl oz/a	C							

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Pest Code	ANGR	CHEAL	AMAPO	AMBEL	GLXMA	GLXMA	ANGR
Crop Code							
Rating Date	Jun-23-2016	Jun-23-2016	Jun-23-2016	Jun-23-2016	Jun-28-2016	Jul-5-2016	Jul-5-2016
Rating Type	control	control	control	control	injury	injury	control
Rating Unit	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-B	14 DA-B	14 DA-B	14 DA-B	7 DA-C	14 DA-C	14 DA-C
Number of Decimals	0	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Appl Code	ANGR	CHEAL	AMAPO	AMBEL	GLXMA	GLXMA	ANGR
7	MON 76980	22 fl oz/a	A	100	100	100	100	0	0	76
7	Warrant	3 pt/a	A							
7	FirstRate	0.6 oz/a	B							
7	MON 76980	22 fl oz/a	B							
7	Roundup PowerMax	32 fl oz/a	B							
7	MON 76980	22 fl oz/a	C							
7	Roundup PowerMax	32 fl oz/a	C							
8	MON 76980	22 fl oz/a	A	99	100	100	100	5	0	78
8	Warrant	3 pt/a	A							
8	Warrant Ultra	50 fl oz/a	B							
8	MON 76980	22 fl oz/a	B							
8	Roundup PowerMax	32 fl oz/a	B							
8	MON 76980	22 fl oz/a	C							
8	Roundup PowerMax	32 fl oz/a	C							
9	MON 76980	22 fl oz/a	A	100	100	100	100	5	0	80
9	Warrant	3 pt/a	A							
9	Cobra	10 fl oz/a	B							
9	Warrant	3 pt/a	B							
9	MON 76980	22 fl oz/a	B							
9	Roundup PowerMax	32 fl oz/a	B							
9	MON 76980	22 fl oz/a	C							
9	Roundup PowerMax	32 fl oz/a	C							
10	MON 76980	22 fl oz/a	A	99	100	100	100	5	0	79
10	Warrant	3 pt/a	A							
10	SelectMax	6 fl oz/a	B							
10	Cobra	10 fl oz/a	B							
10	Warrant	3 pt/a	B							
10	MON 76980	22 fl oz/a	B							
10	Roundup PowerMax	32 fl oz/a	B							
10	MON 76980	22 fl oz/a	C							
10	Roundup PowerMax	32 fl oz/a	C							
LSD P=.05				1.9	.	.	0.7	1.1	.	4.9
Standard Deviation				1.3	0.0	0.0	0.5	0.8	0.0	3.4
CV				1.32	0.0	0.0	0.47	25.71	0.0	4.4

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Pest Code	CHEAL	AMAPO	AMBEL	GLYMX	ANGR	CHEAL	AMAPO
Crop Code							
Rating Date	Jul-5-2016	Jul-5-2016	Jul-5-2016	Aug-4-2016	Aug-4-2016	Aug-4-2016	Aug-4-2016
Rating Type	control	control	control	injury	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-C	14 DA-C	14 DA-C	44 DA-C	44 DA-C	44 DA-C	44 DA-C
Number of Decimals	0	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Appl Unit	Code	CHEAL	AMAPO	AMBEL	GLYMX	ANGR	CHEAL	AMAPO
1	MON 76980	22 fl oz/a	A	A	100	100	100	0	99	100	100
	1 Warrant	3 pt/a	A	A							
1	MON 76980	22 fl oz/a	B	B							
	1 Roundup PowerMax	32 fl oz/a	B	B							
1	MON 76980	22 fl oz/a	C	C							
	1 Roundup PowerMax	32 fl oz/a	C	C							
2	MON 76980	22 fl oz/a	A	A	100	100	100	0	100	100	100
	2 Warrant	3 pt/a	A	A							
	2 Cobra	10 fl oz/a	B	B							
	2 Roundup PowerMax	32 fl oz/a	B	B							
	2 MON 76980	22 fl oz/a	C	C							
	2 Roundup PowerMax	32 fl oz/a	C	C							
3	MON 76980	22 fl oz/a	A	A	100	100	100	0	100	100	100
	3 Warrant	3 pt/a	A	A							
	3 Warrant Ultra	50 fl oz/a	B	B							
	3 Roundup PowerMax	32 fl oz/a	B	B							
	3 MON 76980	22 fl oz/a	C	C							
	3 Roundup PowerMax	32 fl oz/a	C	C							
4	MON 76980	22 fl oz/a	A	A	100	100	100	0	100	100	100
	4 Warrant	3 pt/a	A	A							
	4 Cobra	10 fl oz/a	B	B							
	4 MON 76980	22 fl oz/a	B	B							
	4 Roundup PowerMax	32 fl oz/a	B	B							
	4 MON 76980	22 fl oz/a	C	C							
	4 Roundup PowerMax	32 fl oz/a	C	C							
5	MON 76980	22 fl oz/a	A	A	100	100	100	0	100	100	100
	5 Warrant	3 pt/a	A	A							
	5 Warrant	3 pt/a	B	B							
	5 MON 76980	22 fl oz/a	B	B							
	5 Roundup PowerMax	32 fl oz/a	B	B							
	5 MON 76980	22 fl oz/a	C	C							
	5 Roundup PowerMax	32 fl oz/a	C	C							
6	MON 76980	22 fl oz/a	A	A	100	100	100	0	100	100	100
	6 Warrant	3 pt/a	A	A							
	6 SelectMax	6 fl oz/a	B	B							
	6 MON 76980	22 fl oz/a	B	B							
	6 Roundup PowerMax	32 fl oz/a	B	B							
	6 MON 76980	22 fl oz/a	C	C							
	6 Roundup PowerMax	32 fl oz/a	C	C							

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Pest Code	CHEAL	AMAPO	AMBEL		ANGR	CHEAL	AMAPO
Crop Code				GLYMX			
Rating Date	Jul-5-2016	Jul-5-2016	Jul-5-2016	Aug-4-2016	Aug-4-2016	Aug-4-2016	Aug-4-2016
Rating Type	control	control	control	injury	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	14 DA-C	14 DA-C	14 DA-C	44 DA-C	44 DA-C	44 DA-C	44 DA-C
Number of Decimals	0	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Appl Unit	Code	CHEAL	AMAPO	AMBEL	GLYMX	ANGR	CHEAL	AMAPO
7	MON 76980	22 fl oz/a	A		100	100	100	0	100	100	100
7	Warrant	3 pt/a	A								
7	FirstRate	0.6 oz/a	B								
7	MON 76980	22 fl oz/a	B								
7	Roundup PowerMax	32 fl oz/a	B								
7	MON 76980	22 fl oz/a	C								
7	Roundup PowerMax	32 fl oz/a	C								
8	MON 76980	22 fl oz/a	A		100	100	100	0	100	100	100
8	Warrant	3 pt/a	A								
8	Warrant Ultra	50 fl oz/a	B								
8	MON 76980	22 fl oz/a	B								
8	Roundup PowerMax	32 fl oz/a	B								
8	MON 76980	22 fl oz/a	C								
8	Roundup PowerMax	32 fl oz/a	C								
9	MON 76980	22 fl oz/a	A		100	100	100	0	100	100	100
9	Warrant	3 pt/a	A								
9	Cobra	10 fl oz/a	B								
9	Warrant	3 pt/a	B								
9	MON 76980	22 fl oz/a	B								
9	Roundup PowerMax	32 fl oz/a	B								
9	MON 76980	22 fl oz/a	C								
9	Roundup PowerMax	32 fl oz/a	C								
10	MON 76980	22 fl oz/a	A		100	100	100	0	100	100	100
10	Warrant	3 pt/a	A								
10	SelectMax	6 fl oz/a	B								
10	Cobra	10 fl oz/a	B								
10	Warrant	3 pt/a	B								
10	MON 76980	22 fl oz/a	B								
10	Roundup PowerMax	32 fl oz/a	B								
10	MON 76980	22 fl oz/a	C								
10	Roundup PowerMax	32 fl oz/a	C								
LSD P=.05					.	.	.	.	1.3	.	.
Standard Deviation					0.0	0.0	0.0	0.0	0.9	0.0	0.0
CV					0.0	0.0	0.0	0.0	0.92	0.0	0.0



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Pest Code	AMBEL	ABUTH	ANGR	CHEAL	AMAPO	AMBEL	ABUTH
Crop Code							
Rating Date	Aug-4-2016	Aug-4-2016	Oct-10-2016	Oct-10-2016	Oct-10-2016	Oct-10-2016	Oct-10-2016
Rating Type	control	control	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	44 DA-C	44 DA-C	111 DA-C	111 DA-C	111 DA-C	111 DA-C	111 DA-C
Number of Decimals	0	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Appl Code	AMBEL	ABUTH	ANGR	CHEAL	AMAPO	AMBEL	ABUTH
1	MON 76980	22 fl oz/a	A	100	100	100	100	100	100	100
	1 Warrant	3 pt/a	A							
1	MON 76980	22 fl oz/a	B							
	1 Roundup PowerMax	32 fl oz/a	B							
1	MON 76980	22 fl oz/a	C							
	1 Roundup PowerMax	32 fl oz/a	C							
2	MON 76980	22 fl oz/a	A	100	100	100	100	100	100	100
	2 Warrant	3 pt/a	A							
	2 Cobra	10 fl oz/a	B							
	2 Roundup PowerMax	32 fl oz/a	B							
	2 MON 76980	22 fl oz/a	C							
	2 Roundup PowerMax	32 fl oz/a	C							
3	MON 76980	22 fl oz/a	A	100	100	100	100	100	100	100
	3 Warrant	3 pt/a	A							
	3 Warrant Ultra	50 fl oz/a	B							
	3 Roundup PowerMax	32 fl oz/a	B							
	3 MON 76980	22 fl oz/a	C							
	3 Roundup PowerMax	32 fl oz/a	C							
4	MON 76980	22 fl oz/a	A	100	100	100	100	100	100	100
	4 Warrant	3 pt/a	A							
	4 Cobra	10 fl oz/a	B							
	4 MON 76980	22 fl oz/a	B							
	4 Roundup PowerMax	32 fl oz/a	B							
	4 MON 76980	22 fl oz/a	C							
	4 Roundup PowerMax	32 fl oz/a	C							
5	MON 76980	22 fl oz/a	A	100	100	100	100	100	100	100
	5 Warrant	3 pt/a	A							
	5 Warrant	3 pt/a	B							
	5 MON 76980	22 fl oz/a	B							
	5 Roundup PowerMax	32 fl oz/a	B							
	5 MON 76980	22 fl oz/a	C							
	5 Roundup PowerMax	32 fl oz/a	C							
6	MON 76980	22 fl oz/a	A	100	100	100	100	100	100	100
	6 Warrant	3 pt/a	A							
	6 SelectMax	6 fl oz/a	B							
	6 MON 76980	22 fl oz/a	B							
	6 Roundup PowerMax	32 fl oz/a	B							
	6 MON 76980	22 fl oz/a	C							
	6 Roundup PowerMax	32 fl oz/a	C							



## Crop response and weed control with tank-mixtures in RR2 Xtend soybean - "Stewarded"

Trial ID: SOY08-16

Location: Campus T-16

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code			
Crop Code	GLXMA	GLXMA	
Rating Date	Nov-1-2016	Nov-1-2016	
Rating Type	moisture	yield	
Rating Unit	percent	bu/acre	
Trt-Eval Interval	133 DA-C	at 13% M	
Number of Decimals	1	1	

Trt No.	Treatment Name	Rate	Appl Code		
		Rate Unit			
1	MON 76980	22 fl oz/a	A	16.5	69.6
1	Warrant	3 pt/a	A		
1	MON 76980	22 fl oz/a	B		
1	Roundup PowerMax	32 fl oz/a	B		
1	MON 76980	22 fl oz/a	C		
1	Roundup PowerMax	32 fl oz/a	C		
2	MON 76980	22 fl oz/a	A	16.5	70.9
2	Warrant	3 pt/a	A		
2	Cobra	10 fl oz/a	B		
2	Roundup PowerMax	32 fl oz/a	B		
2	MON 76980	22 fl oz/a	C		
2	Roundup PowerMax	32 fl oz/a	C		
3	MON 76980	22 fl oz/a	A	16.5	66.6
3	Warrant	3 pt/a	A		
3	Warrant Ultra	50 fl oz/a	B		
3	Roundup PowerMax	32 fl oz/a	B		
3	MON 76980	22 fl oz/a	C		
3	Roundup PowerMax	32 fl oz/a	C		
4	MON 76980	22 fl oz/a	A	16.5	66.6
4	Warrant	3 pt/a	A		
4	Cobra	10 fl oz/a	B		
4	MON 76980	22 fl oz/a	B		
4	Roundup PowerMax	32 fl oz/a	B		
4	MON 76980	22 fl oz/a	C		
4	Roundup PowerMax	32 fl oz/a	C		
5	MON 76980	22 fl oz/a	A	16.4	66.7
5	Warrant	3 pt/a	A		
5	Warrant	3 pt/a	B		
5	MON 76980	22 fl oz/a	B		
5	Roundup PowerMax	32 fl oz/a	B		
5	MON 76980	22 fl oz/a	C		
5	Roundup PowerMax	32 fl oz/a	C		
6	MON 76980	22 fl oz/a	A	16.3	73.7
6	Warrant	3 pt/a	A		
6	SelectMax	6 fl oz/a	B		
6	MON 76980	22 fl oz/a	B		
6	Roundup PowerMax	32 fl oz/a	B		
6	MON 76980	22 fl oz/a	C		
6	Roundup PowerMax	32 fl oz/a	C		

## Crop response and weed control with tank-mixtures in RR2 Xtend soybean - "Stewarded"

Trial ID: SOY08-16

Location: Campus T-16

Investigator: Christy Sprague

Study Director: Sprague, Powell, Stiles

Pest Code			
Crop Code	GLXMA	GLXMA	
Rating Date	Nov-1-2016	Nov-1-2016	
Rating Type	moisture	yield	
Rating Unit	percent	bu/acre	
Trt-Eval Interval	133 DA-C	at 13% M	
Number of Decimals	1	1	

Trt No.	Treatment Name	Rate	Appl Code		
		Rate Unit			
7	MON 76980	22 fl oz/a	A	16.3	73.8
7	Warrant	3 pt/a	A		
7	FirstRate	0.6 oz/a	B		
7	MON 76980	22 fl oz/a	B		
7	Roundup PowerMax	32 fl oz/a	B		
7	MON 76980	22 fl oz/a	C		
7	Roundup PowerMax	32 fl oz/a	C		
8	MON 76980	22 fl oz/a	A	16.4	65.5
8	Warrant	3 pt/a	A		
8	Warrant Ultra	50 fl oz/a	B		
8	MON 76980	22 fl oz/a	B		
8	Roundup PowerMax	32 fl oz/a	B		
8	MON 76980	22 fl oz/a	C		
8	Roundup PowerMax	32 fl oz/a	C		
9	MON 76980	22 fl oz/a	A	16.8	64.9
9	Warrant	3 pt/a	A		
9	Cobra	10 fl oz/a	B		
9	Warrant	3 pt/a	B		
9	MON 76980	22 fl oz/a	B		
9	Roundup PowerMax	32 fl oz/a	B		
9	MON 76980	22 fl oz/a	C		
9	Roundup PowerMax	32 fl oz/a	C		
10	MON 76980	22 fl oz/a	A	16.3	69.2
10	Warrant	3 pt/a	A		
10	SelectMax	6 fl oz/a	B		
10	Cobra	10 fl oz/a	B		
10	Warrant	3 pt/a	B		
10	MON 76980	22 fl oz/a	B		
10	Roundup PowerMax	32 fl oz/a	B		
10	MON 76980	22 fl oz/a	C		
10	Roundup PowerMax	32 fl oz/a	C		
LSD P=.05				0.38	7.34
Standard Deviation				0.26	5.06
CV				1.61	7.36