

2014/SOYBEAN/AUTHORITY XL/AUTHORITY ASSIST/AUTHORITY MTZ/SPLIT

Title No. 2: APPLICATIONS/FALL/SPRING PROGRAMS/

Trial ID: 15FALLSOY1 Location: Western Branch f-10 E Trial Year: 2014

Protocol ID: SULF.SOY.14.JPR.21aa Investigator: Dr. Mark M. Loux

Project ID: Study Director: Anthony Dobbels

Sponsor Contact: Joe Reed, FMC

**General Trial Information**

**Study Director:** Anthony Dobbels  
**Investigator:** Dr. Mark M. Loux

**Trial Location**

**City:** South Charleston **Country:** USA United States

**State/Prov.:** Ohio

**Postal Code:** 45368 **Climate Zone:** USWARM US Warm Continental

**Latitude of LL Corner** °: 39.8587 N  
**Longitude of LL Corner** °: -83.67158 W

**Conducted Under GLP:** No  
**Conducted Under GEP:** No

**Contacts**

**Study Director:** Anthony Dobbels

**Investigator:** Dr. Mark M. Loux

**Crop Description**  
Soybean

**Crop 1:** GLXMA Glycine max  
**Variety:** AG 3533

**Description:** Asgrow RR2

**Seed Shape:** ROUND  
**Planting Rate, Unit:** 175000 SEED/A  
**Depth, Unit:** 1 IN  
**Row Spacing, Unit:** 15 IN  
**Soil Temperature, Unit:** 63 F  
**Soil Moisture:** DAMP damp  
**Seed Bed:** SMOTRA smooth/trashy

**Planting Date:** 4-29-2015  
**Planting Method:** PLANTD planted  
**Planting Equipment:** PP Plot Planter  
**Emergence Date:** 5-8-2015

**Pest Description**

- Pest 1 Type:** W **Code:** ERYRE Erysimum repandum  
**Common Name:** Bushy wallflower
- Pest 2 Type:** W **Code:** LAMPU Lamium purpureum  
**Common Name:** Purple deadnettel
- Pest 3 Type:** W **Code:** STEME Stellaria media  
**Common Name:** Common chickweed
- Pest 4 Type:** W **Code:** ERICA Conyza canadensis  
**Common Name:** Canada horseweed
- Pest 5 Type:** W **Code:** AMBTR Ambrosia trifida  
**Common Name:** Giant ragweed
- Pest 6 Type:** W **Code:** VERAG Veronica agrestis  
**Common Name:** Field speedwell
- Pest 7 Type:** W **Code:** LAMAM Lamium amplexicaule  
**Common Name:** Henbit
- Pest 8 Type:** W **Code:** SETFA Setaria faberi  
**Common Name:** Giant foxtail
- Pest 9 Type:** W **Code:** CHEAL Chenopodium album  
**Common Name:** Common lambsquarters
- Pest10 Type:** W **Code:** AMARE Amaranthus retroflexus  
**Common Name:** Redroot pigweed
- Pest11 Type:** W **Code:** ABUTH Abutilon theophrasti  
**Common Name:** velvetleaf
- Pest12 Type:** W **Code:** AMBEL Ambrosia artemisiifolia  
**Common Name:** Common ragweed

**Site and Design**

**Treated Plot Width:** 10 FT  
**Treated Plot Length:** 30 FT  
**Treated Plot Area:** 300 FT2 **Treatments:** 12  
**Replications:** 3

**Site Type:** FIELD field  
**Experimental Unit:** 1 PLOT plot  
**Tillage Type:** NOTILL no-till  
**Study Design:** RACOB L Randomized Complete Block (RCB)

**No. Previous Crop Year**  
1. Soybean 2014

**Soil Description**

**Description Name:** F-10 East  
**% OM:** 3  
**pH:** 6  
**CEC:** 19.5

**Texture:** SICL silty clay loam  
**Soil Name:** Kokomo  
**Fert. Level:** G good  
**Soil Drainage:** G good

**Application Description**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<b>Application Date:</b>	11-10-2014	4-24-2015	4-29-2015	5-22-2015	6-3-2015
<b>Appl. Start Time:</b>	11:00 am	10:00 AM	4:00 PM	8:45 AM	9:00 AM
<b>Appl. Stop Time:</b>	11:30 AM	10:30 AM	4:20 PM	9:00 AM	9:15 AM
<b>Application Method:</b>	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY
<b>Application Timing:</b>	FALL	7 EPP	PRE	POST D	POST
<b>Application Placement:</b>	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL
<b>Applied By:</b>	REEB	DOBBELS	DOBBELS	BARCLAY	LAMB
<b>Air Temperature, Unit:</b>	58.2 F	46 F	66 F	55 F	60 F
<b>% Relative Humidity:</b>	50.4	49	37	69	88
<b>Wind Velocity, Unit:</b>	7.5 MPH	6 MPH	5 MPH	7 MPH	5 M[J
<b>Wind Direction:</b>	SSW	N	N	WSW	NE
<b>Dew Presence (Y/N):</b>	N no	N no	N no	N no	Y yes
<b>Soil Temperature, Unit:</b>	44 F	41 F	63 F	52 F	59 F
<b>Soil Moisture:</b>	GOOD	MOIST	MOIST	DRY	MOIST
<b>% Cloud Cover:</b>	5	0	45	0	100
<b>Next Moisture Occurred On:</b>	11-11-2014	4-25-2015	5-5-2015	5-26-2015	6-5-2015
<b>Time to Next Moisture, Unit:</b>	1 DAY	1 DAY	6 DAY	4 DAY	2 DAY

Crop Stage At Each Application

	A	B	C	D	E			
Crop 1 Code, BBCH Scale:	GLXMA	BSOY	GLXMA	BSOY	GLXMA	BSOY	GLXMA	BSOY
Stage Scale Used:					BBCH	BBCH		
Stage Majority, Percent:					12	100	13	100
Height, Unit:					3	IN	6	IN

Pest Stage At Each Application

	A		B		C		D		E	
Pest 1 Code, Type, Scale:	ERYRE	W	ERYRE	W	ERYRE	W	ERYRE	W	ERYRE	W
Stage Majority, Percent:	19	100					67	10		
Diameter, Unit:	1	IN					8	IN		
Height, Unit:	0.5	IN					12	IN		
Height Minimum, Maximum:	0.5	0.75					10	12		
Density, Unit:	3	M2					4	M2		
Pest 2 Code, Type, Scale:	LAMPU	W	LAMPU	W	LAMPU	W	LAMPU	W	LAMPU	W
Stage Majority, Percent:	17	100	19	100	69	100	69	100		
Diameter, Unit:	2	IN	1	IN	3	in	3	IN		
Height, Unit:	1.5	IN	0.5	IN	3	in	4	IN		
Height Minimum, Maximum:	1.5	2	0.25	0.5	2	3	3	4		
Density, Unit:	25	M2	15	M2	5	M2	5	M2		
Pest 3 Code, Type, Scale:	STEME	W	STEME	W	STEME	W	STEME	W	STEME	W
Stage Majority, Percent:	16	100								
Diameter, Unit:	0.5	IN								
Height, Unit:	0.75	IN								
Height Minimum, Maximum:	0.75	1								
Density, Unit:	3	M2								
Pest 4 Code, Type, Scale:	ERICA	W	ERICA	W	ERICA	W	ERICA	W	ERICA	W
Stage Majority, Percent:	17	100					19	100	19	100
Diameter, Unit:	0.5	IN					4	IN	4	IN
Height, Unit:	0.5	IN					4	IN	4	IN
Height Minimum, Maximum:	0.5	0.75					3	4	2	8
Density, Unit:	5	M2					12	M2	12	M2
Pest 5 Code, Type, Scale:	AMBTR	W	AMBTR	W	AMBTR	W	AMBTR	W	AMBTR	W
Stage Majority, Percent:			12	90	12	100	14	90	19	100
Stage Minimum, Percent:			11	10			12	10		
Stage Maximum, Percent:			12	90			14	90		
Diameter, Unit:			3	IN	3	IN	3	IN	4	IN
Height, Unit:			2	IN	2	IN	12	IN	12	IN
Height Minimum, Maximum:			1	2	1	2	12	14	8	22
Density, Unit:			5	M2	5	M2	8	M2	8	M2
Pest 6 Code, Type, Scale:	VERAG	W	VERAG	W	VERAG	W	VERAG	W	VERAG	W
Stage Majority, Percent:							67	100		
Diameter, Unit:							4	IN		
Height, Unit:							2	IN		
Height Minimum, Maximum:							2	3		
Density, Unit:							3	M2		
Pest 7 Code, Type, Scale:	LAMAM	W	LAMAM	W	LAMAM	W	LAMAM	W	LAMAM	W
Stage Majority, Percent:							69	100		
Diameter, Unit:							3	IN		
Height, Unit:							4	IN		
Height Minimum, Maximum:							3	4		
Density, Unit:							3	M2		
Pest 8 Code, Type, Scale:	SETFA	W	SETFA	W	SETFA	W	SETFA	W	SETFA	W
Stage Majority, Percent:							13	100	13	100
Height, Unit:							3	IN	7	IN
Height Minimum, Maximum:							3	4	3	12
Density, Unit:							90	M2	120	M2
Pest 9 Code, Type, Scale:	CHEAL	W	CHEAL	W	CHEAL	W	CHEAL	W	CHEAL	W
Stage Majority, Percent:									14	100
Diameter, Unit:									2	IN
Height, Unit:									2	IN
Height Minimum, Maximum:									2	2.5
Density, Unit:									25	M2
Pest10 Code, Type, Scale:	AMARE	W	AMARE	W	AMARE	W	AMARE	W	AMARE	W
Stage Majority, Percent:									12	90
Stage Minimum, Percent:									12	90
Stage Maximum, Percent:									14	10
Diameter, Unit:									1	IN
Height, Unit:									1	IN
Height Minimum, Maximum:									1	2

Density, Unit:					5	M2				
Pest11 Code, Type, Scale:	ABUTH	W	ABUTH	W	ABUTH	W	ABUTH	W	ABUTH	W
Stage Majority, Percent:					12	60				
Stage Minimum, Percent:					10	10				
Stage Maximum, Percent:					13	30				
Diameter, Unit:					1	IN				
Height, Unit:					2	IN				
Height Minimum, Maximum:					2	4				
Density, Unit:					1	M2				
Pest12 Code, Type, Scale:	AMBEL	W	AMBEL	W	AMBEL	W	AMBEL	W	AMBEL	W
Stage Majority, Percent:					18	80				
Stage Minimum, Percent:					12	10				
Stage Maximum, Percent:					18	80				
Diameter, Unit:					3	IN				
Height, Unit:					7	IN				
Height Minimum, Maximum:					2	8				
Density, Unit:					3	M2				

**Application Equipment**

	<b>A</b>		<b>B</b>		<b>C</b>		<b>D</b>		<b>E</b>	
Appl. Equipment:	10'	AI XR	10'	AI XR	10'	AI XR	10'	AI XR	10'	AI XR
Equipment Type:	SPRBAC		SPRBAC		SPRBAC		SPRBAC		SPRBAC	
Operation Pressure, Unit:	46	PSI	46	PSI	46	PSI	46	PSI	46	PSI
Nozzle Type:	AI XR		AI XR		AI XR		AI XR		AI XR	
Nozzle Size:	110015		110015		110015		110015		110015	
Nozzle Spacing, Unit:	18	IN	18	IN	18	IN	18	IN	18	IN
Boom Length, Unit:	10	FT	10	FT	10	FT	10	FT	10	FT
Boom Height, Unit:	20	IN	20	IN	20	IN	20	IN	20	IN
Ground Speed, Unit:	3	MPH	3	MPH	3	MPH	3	MPH	3	MPH
Carrier:	WATER		WATER		WATER		WATER		WATER	
Spray Volume, Unit:	15	GPA	15	GPA	15	GPA	15	GPA	15	GPA
Mix Size, Unit:	2	Liters	2	Liters	2	Liters	2	Liters	2	Liters
Propellant:	CO2		CO2		CO2		CO2		CO2	

**Trt No Treatment Application Comment**

5 Authority Assist may have been left out of 5 & 6 at the 7 epp

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Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	STEME	LAMPU
Pest Scientific Name	Conyza canadens>	Stellaria media	Lamium purpure>
Pest Name	Canada horsewe>	Common chickwe>	Purple deadnet>
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	4-28-2015	4-28-2015	4-28-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	169 4	169 4	169 4
Trt-Eval Interval	-1 DA-C	-1 DA-C	-1 DA-C
Plant-Eval Interval	-1 DP-1	-1 DP-1	-1 DP-1
Days After Emergence	-10 DE-1	-10 DE-1	-10 DE-1
Number of Decimals	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Description	1	2	3
1 UNTREATED					0 b	0 d	0 e
2 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a
2 WEEDMASTER	32 oz/a		A	FALL			
2 COC	1 % v/v		A	FALL			
2 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
2 AUTHORITY MAXX	6.4 oz/a		B	7 EPP			
2 2,4-D LV ESTER	16 oz/a		B	7 EPP			
2 ROUNDUP POWERMAX	32 oz/a		B	7 EPP			
2 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
2 CADET	0.6 oz/a		E	POST			
2 Roundup PowerMax	28 oz/a		E	POST			
2 Roundup PowerMax	28 oz/a		G	LPO			
3 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a
3 WEEDMASTER	32 oz/a		A	FALL			
3 COC	1 % v/v		A	FALL			
3 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
3 AUTHORITY XL	3.2 oz/a		B	7 EPP			
3 2,4-D LV ESTER	16 oz/a		B	7 EPP			
3 ROUNDUP POWERMAX	32 oz/a		B	7 EPP			
3 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
3 CADET	0.6 oz/a		E	POST			
3 Roundup PowerMax	28 oz/a		E	POST			
3 Roundup PowerMax	28 oz/a		G	LPO			
4 AUTHORITY MAXX	5 oz/a		A	FALL	100 a	100 a	100 a
4 WEEDMASTER	32 oz/a		A	FALL			
4 COC	1 % v/v		A	FALL			
4 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
4 AUTHORITY MTZ	14 oz/a		B	7 EPP			
4 2,4-D LV ESTER	16 oz/a		B	7 EPP			
4 ROUNDUP POWERMAX	32 oz/a		B	7 EPP			
4 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
4 CADET	0.6 oz/a		E	POST			
4 Roundup PowerMax	28 oz/a		E	POST			
4 Roundup PowerMax	28 oz/a		G	LPO			

Means followed by same letter do not significantly differ (P=.05, LSD)  
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.  
Could not calculate LSD (% mean diff) for columns 1,11,13,20 because error mean square = 0.

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	STEME	LAMPU
Pest Scientific Name	Conyza canadensis	Stellaria media	Lamium purpureum
Pest Name	Canada horseweed	Common chickweed	Purple deadnettle
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	4-28-2015	4-28-2015	4-28-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	169 4	169 4	169 4
Trt-Eval Interval	-1 DA-C	-1 DA-C	-1 DA-C
Plant-Eval Interval	-1 DP-1	-1 DP-1	-1 DP-1
Days After Emergence	-10 DE-1	-10 DE-1	-10 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	1	2	3
5	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	100 a	100 a
5	WEEDMASTER	32 oz/a		A	FALL				
5	COC	1 % v/v		A	FALL				
5	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
5	AUTHORITY ASSIST	5 oz/a		B	7 EPP				
5	2,4-D LV ESTER	16 oz/a		B	7 EPP				
5	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
5	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
5	CADET	0.6 oz/a		E	POST				
5	Roundup PowerMax	28 oz/a		E	POST				
5	Roundup PowerMax	28 oz/a		G	LPO				
6	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	100 a	98 b
6	WEEDMASTER	32 oz/a		A	FALL				
6	COC	1 % v/v		A	FALL				
6	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
6	AUTHORITY ASSIST	5 oz/a		B	7 EPP				
6	SENCOR	5 oz/a		B	7 EPP				
6	2,4-D LV ESTER	16 oz/a		B	7 EPP				
6	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
6	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
6	CADET	0.6 oz/a		E	POST				
6	Roundup PowerMax	28 oz/a		E	POST				
6	Roundup PowerMax	28 oz/a		G	LPO				
7	2,4-D LV ESTER	16 oz/a		A	FALL		100 a	33 c	60 d
7	COC	1 % v/v		A	FALL				
7	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
7	AUTHORITY MTZ	14 oz/a		C	PRE				
7	GRAMOXONE INTEON	64 oz/a		C	PRE				
7	AIM	1 oz/a		C	PRE				
7	COC	1 % v/v		C	PRE				
7	AMMONIUM SULFATE	2.5 % v/v		C	PRE				
7	CADET	0.6 oz/a		E	POST				
7	Roundup PowerMax	28 oz/a		E	POST				
7	Roundup PowerMax	28 oz/a		G	LPO				
8	2,4-D LV ESTER	16 oz/a		A	FALL		100 a	92 b	85 c
8	COC	1 % v/v		A	FALL				
8	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
8	AUTHORITY MTZ	14 oz/a		B	7 EPP				
8	AIM	1 oz/a		B	7 EPP				
8	GRAMOXONE INTEON	32 oz/a		B	7 EPP				
8	2,4-D LV ESTER	16 oz/a		B	7 EPP				
8	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
8	CADET	0.6 oz/a		E	POST				
8	Roundup PowerMax	28 oz/a		E	POST				
8	Roundup PowerMax	28 oz/a		G	LPO				

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Pest Name	Canada horseweed	Common chickweed	Purple deadnettle
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	4-28-2015	4-28-2015	4-28-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	169 4	169 4	169 4
Trt-Eval Interval	-1 DA-C	-1 DA-C	-1 DA-C
Plant-Eval Interval	-1 DP-1	-1 DP-1	-1 DP-1
Days After Emergence	-10 DE-1	-10 DE-1	-10 DE-1
Number of Decimals	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Description	1	2	3
9 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a
9 WEEDMASTER	32 oz/a		A	FALL			
9 COC	1 % v/v		A	FALL			
9 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
9 LIBERTY 280 SL	28 oz/a		D	POST			
9 LIBERTY 280 SL	28 oz/a		F	LPO			
10 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a
10 WEEDMASTER	32 oz/a		A	FALL			
10 COC	1 % v/v		A	FALL			
10 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
10 CADET	0.6 oz/a		D	POST			
10 LIBERTY	28 oz/a		D	POST			
10 LIBERTY	28 oz/a		F	LPO			
11 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a
11 WEEDMASTER	32 oz/a		A	FALL			
11 COC	1 % v/v		A	FALL			
11 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
11 LIBERTY 280 SL	28 oz/a		D	POST			
11 ANTHEM	6 oz/a		D	POST			
11 LIBERTY 280 SL	28 oz/a		F	LPO			
12 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	99 ab
12 WEEDMASTER	32 oz/a		A	FALL			
12 COC	1 % v/v		A	FALL			
12 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
12 MARVEL	6 oz/a		D	POST			
12 Roundup PowerMax	28 oz/a		F	LPO			
LSD P=.05					.	3.2	1.5
Standard Deviation					0.0	1.9	0.9
CV					0.0	2.22	1.02
Grand Mean					91.7	85.4	86.8
Bartlett's X2					0.0	0.874	1.456
P(Bartlett's X2)					.	0.35	0.228
Skewness					-3.1478*	-2.0375*	-2.4572*
Kurtosis					8.3714*	2.6354*	5.1103*
Replicate F					0.000	0.579	1.388
Replicate Prob(F)					1.0000	0.5688	0.2705
Treatment F					0.000	906.579	3407.495
Treatment Prob(F)					1.0000	0.0001	0.0001

Pest Type	W Weed	W Weed	W Weed
Pest Code	LAMAM	ERYRE	AMBTR
Pest Scientific Name	Lamium amplexi>	Erysimum repa>	Ambrosia trifi>
Pest Name	Henbit	Bushy wallflow>	Giant ragweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	4-28-2015	4-28-2015	4-28-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	169 4	169 4	169 4
Trt-Eval Interval	-1 DA-C	-1 DA-C	-1 DA-C
Plant-Eval Interval	-1 DP-1	-1 DP-1	-1 DP-1
Days After Emergence	-10 DE-1	-10 DE-1	-10 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	4	5	6
1	UNTREATED						0 d	0 b	0 f
2	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	100 a	95 a
2	WEEDMASTER	32 oz/a		A	FALL				
2	COC	1 % v/v		A	FALL				
2	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
2	AUTHORITY MAXX	6.4 oz/a		B	7 EPP				
2	2,4-D LV ESTER	16 oz/a		B	7 EPP				
2	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
2	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
2	CADET	0.6 oz/a		E	POST				
2	Roundup PowerMax	28 oz/a		E	POST				
2	Roundup PowerMax	28 oz/a		G	LPO				
3	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	95 a	88 ab
3	WEEDMASTER	32 oz/a		A	FALL				
3	COC	1 % v/v		A	FALL				
3	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
3	AUTHORITY XL	3.2 oz/a		B	7 EPP				
3	2,4-D LV ESTER	16 oz/a		B	7 EPP				
3	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
3	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
3	CADET	0.6 oz/a		E	POST				
3	Roundup PowerMax	28 oz/a		E	POST				
3	Roundup PowerMax	28 oz/a		G	LPO				
4	AUTHORITY MAXX	5 oz/a		A	FALL		100 a	100 a	98 a
4	WEEDMASTER	32 oz/a		A	FALL				
4	COC	1 % v/v		A	FALL				
4	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
4	AUTHORITY MTZ	14 oz/a		B	7 EPP				
4	2,4-D LV ESTER	16 oz/a		B	7 EPP				
4	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
4	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
4	CADET	0.6 oz/a		E	POST				
4	Roundup PowerMax	28 oz/a		E	POST				
4	Roundup PowerMax	28 oz/a		G	LPO				



Pest Type	W Weed	W Weed	W Weed
Pest Code	LAMAM	ERYRE	AMBTR
Pest Scientific Name	Lamium amplexi>	Erysimum repan>	Ambrosia trifi>
Pest Name	Henbit	Bushy wallflow>	Giant ragweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	4-28-2015	4-28-2015	4-28-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	169 4	169 4	169 4
Trt-Eval Interval	-1 DA-C	-1 DA-C	-1 DA-C
Plant-Eval Interval	-1 DP-1	-1 DP-1	-1 DP-1
Days After Emergence	-10 DE-1	-10 DE-1	-10 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	4	5	6
5	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	100 a	70 bcd
5	WEEDMASTER	32 oz/a		A	FALL				
5	COC	1 % v/v		A	FALL				
5	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
5	AUTHORITY ASSIST	5 oz/a		B	7 EPP				
5	2,4-D LV ESTER	16 oz/a		B	7 EPP				
5	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
5	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
5	CADET	0.6 oz/a		E	POST				
5	Roundup PowerMax	28 oz/a		E	POST				
5	Roundup PowerMax	28 oz/a		G	LPO				
6	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	98 a	87 abc
6	WEEDMASTER	32 oz/a		A	FALL				
6	COC	1 % v/v		A	FALL				
6	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
6	AUTHORITY ASSIST	5 oz/a		B	7 EPP				
6	SENCOR	5 oz/a		B	7 EPP				
6	2,4-D LV ESTER	16 oz/a		B	7 EPP				
6	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
6	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
6	CADET	0.6 oz/a		E	POST				
6	Roundup PowerMax	28 oz/a		E	POST				
6	Roundup PowerMax	28 oz/a		G	LPO				
7	2,4-D LV ESTER	16 oz/a		A	FALL		47 c	93 a	57 de
7	COC	1 % v/v		A	FALL				
7	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
7	AUTHORITY MTZ	14 oz/a		C	PRE				
7	GRAMOXONE INTEON	64 oz/a		C	PRE				
7	AIM	1 oz/a		C	PRE				
7	COC	1 % v/v		C	PRE				
7	AMMONIUM SULFATE	2.5 % v/v		C	PRE				
7	CADET	0.6 oz/a		E	POST				
7	Roundup PowerMax	28 oz/a		E	POST				
7	Roundup PowerMax	28 oz/a		G	LPO				
8	2,4-D LV ESTER	16 oz/a		A	FALL		87 b	100 a	97 a
8	COC	1 % v/v		A	FALL				
8	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
8	AUTHORITY MTZ	14 oz/a		B	7 EPP				
8	AIM	1 oz/a		B	7 EPP				
8	GRAMOXONE INTEON	32 oz/a		B	7 EPP				
8	2,4-D LV ESTER	16 oz/a		B	7 EPP				
8	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
8	CADET	0.6 oz/a		E	POST				
8	Roundup PowerMax	28 oz/a		E	POST				
8	Roundup PowerMax	28 oz/a		G	LPO				

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Pest Type	W Weed	W Weed	W Weed
Pest Code	LAMAM	ERYRE	AMBTR
Pest Scientific Name	Lamium amplexi>	Erysimum repa>	Ambrosia trifi>
Pest Name	Henbit	Bushy wallflow>	Giant ragweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	4-28-2015	4-28-2015	4-28-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	169 4	169 4	169 4
Trt-Eval Interval	-1 DA-C	-1 DA-C	-1 DA-C
Plant-Eval Interval	-1 DP-1	-1 DP-1	-1 DP-1
Days After Emergence	-10 DE-1	-10 DE-1	-10 DE-1
Number of Decimals	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Description	4	5	6
9 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	68 cde
9 WEEDMASTER	32 oz/a		A	FALL			
9 COC	1 % v/v		A	FALL			
9 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
9 LIBERTY 280 SL	28 oz/a		D	POST			
9 LIBERTY 280 SL	28 oz/a		F	LPO			
10 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	93 a	57 de
10 WEEDMASTER	32 oz/a		A	FALL			
10 COC	1 % v/v		A	FALL			
10 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
10 CADET	0.6 oz/a		D	POST			
10 LIBERTY	28 oz/a		D	POST			
10 LIBERTY	28 oz/a		F	LPO			
11 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	53 de
11 WEEDMASTER	32 oz/a		A	FALL			
11 COC	1 % v/v		A	FALL			
11 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
11 LIBERTY 280 SL	28 oz/a		D	POST			
11 ANTHEM	6 oz/a		D	POST			
11 LIBERTY 280 SL	28 oz/a		F	LPO			
12 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	50 e
12 WEEDMASTER	32 oz/a		A	FALL			
12 COC	1 % v/v		A	FALL			
12 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
12 MARVEL	6 oz/a		D	POST			
12 Roundup PowerMax	28 oz/a		F	LPO			
LSD P=.05					8.2	9.2	18.5
Standard Deviation					4.8	5.4	10.9
CV					5.6	6.02	15.96
Grand Mean					86.1	90.0	68.3
Bartlett's X2					0.0	3.162	15.757
P(Bartlett's X2)					.	0.367	0.107
Skewness					-2.1813*	-2.9751*	-0.9802*
Kurtosis					3.5629*	7.5957*	0.5541
Replicate F					0.478	0.923	0.490
Replicate Prob(F)					0.6262	0.4123	0.6189
Treatment F					125.696	82.839	19.847
Treatment Prob(F)					0.0001	0.0001	0.0001

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	STEME	LAMPU
Pest Scientific Name	Conyza canadens>	Stellaria media	Lamium purpure>
Pest Name	Canada horsewe>	Common chickwe>	Purple deadnet>
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	5-12-2015	5-12-2015	5-12-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	183 13	183 13	183 13
Trt-Eval Interval	13 DA-C	13 DA-C	13 DA-C
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1
Days After Emergence	4 DE-1	4 DE-1	4 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	7	8	9
1	UNTREATED						0 d	0 c	0 d
2	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	100 a	100 a
2	WEEDMASTER	32 oz/a		A	FALL				
2	COC	1 % v/v		A	FALL				
2	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
2	AUTHORITY MAXX	6.4 oz/a		B	7 EPP				
2	2,4-D LV ESTER	16 oz/a		B	7 EPP				
2	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
2	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
2	CADET	0.6 oz/a		E	POST				
2	Roundup PowerMax	28 oz/a		E	POST				
2	Roundup PowerMax	28 oz/a		G	LPO				
3	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	100 a	100 a
3	WEEDMASTER	32 oz/a		A	FALL				
3	COC	1 % v/v		A	FALL				
3	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
3	AUTHORITY XL	3.2 oz/a		B	7 EPP				
3	2,4-D LV ESTER	16 oz/a		B	7 EPP				
3	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
3	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
3	CADET	0.6 oz/a		E	POST				
3	Roundup PowerMax	28 oz/a		E	POST				
3	Roundup PowerMax	28 oz/a		G	LPO				
4	AUTHORITY MAXX	5 oz/a		A	FALL		100 a	100 a	100 a
4	WEEDMASTER	32 oz/a		A	FALL				
4	COC	1 % v/v		A	FALL				
4	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
4	AUTHORITY MTZ	14 oz/a		B	7 EPP				
4	2,4-D LV ESTER	16 oz/a		B	7 EPP				
4	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
4	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
4	CADET	0.6 oz/a		E	POST				
4	Roundup PowerMax	28 oz/a		E	POST				
4	Roundup PowerMax	28 oz/a		G	LPO				

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	STEME	LAMPU
Pest Scientific Name	Conyza canadens>	Stellaria media	Lamium purpure>
Pest Name	Canada horsewe>	Common chickwe>	Purple deadnet>
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	5-12-2015	5-12-2015	5-12-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	183 13	183 13	183 13
Trt-Eval Interval	13 DA-C	13 DA-C	13 DA-C
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1
Days After Emergence	4 DE-1	4 DE-1	4 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	7	8	9
5	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	100 a	100 a
5	WEEDMASTER	32 oz/a		A	FALL				
5	COC	1 % v/v		A	FALL				
5	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
5	AUTHORITY ASSIST	5 oz/a		B	7 EPP				
5	2,4-D LV ESTER	16 oz/a		B	7 EPP				
5	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
5	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
5	CADET	0.6 oz/a		E	POST				
5	Roundup PowerMax	28 oz/a		E	POST				
5	Roundup PowerMax	28 oz/a		G	LPO				
6	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	100 a	100 a
6	WEEDMASTER	32 oz/a		A	FALL				
6	COC	1 % v/v		A	FALL				
6	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
6	AUTHORITY ASSIST	5 oz/a		B	7 EPP				
6	SENCOR	5 oz/a		B	7 EPP				
6	2,4-D LV ESTER	16 oz/a		B	7 EPP				
6	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
6	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
6	CADET	0.6 oz/a		E	POST				
6	Roundup PowerMax	28 oz/a		E	POST				
6	Roundup PowerMax	28 oz/a		G	LPO				
7	2,4-D LV ESTER	16 oz/a		A	FALL		87 ab	73 b	73 c
7	COC	1 % v/v		A	FALL				
7	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
7	AUTHORITY MTZ	14 oz/a		C	PRE				
7	GRAMOXONE INTEON	64 oz/a		C	PRE				
7	AIM	1 oz/a		C	PRE				
7	COC	1 % v/v		C	PRE				
7	AMMONIUM SULFATE	2.5 % v/v		C	PRE				
7	CADET	0.6 oz/a		E	POST				
7	Roundup PowerMax	28 oz/a		E	POST				
7	Roundup PowerMax	28 oz/a		G	LPO				
8	2,4-D LV ESTER	16 oz/a		A	FALL		100 a	100 a	100 a
8	COC	1 % v/v		A	FALL				
8	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
8	AUTHORITY MTZ	14 oz/a		B	7 EPP				
8	AIM	1 oz/a		B	7 EPP				
8	GRAMOXONE INTEON	32 oz/a		B	7 EPP				
8	2,4-D LV ESTER	16 oz/a		B	7 EPP				
8	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
8	CADET	0.6 oz/a		E	POST				
8	Roundup PowerMax	28 oz/a		E	POST				
8	Roundup PowerMax	28 oz/a		G	LPO				

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	STEME	LAMPU
Pest Scientific Name	Conyza canadensis	Stellaria media	Lamium purpureum
Pest Name	Canada horseweed	Common chickweed	Purple deadnettle
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	5-12-2015	5-12-2015	5-12-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	183 13	183 13	183 13
Trt-Eval Interval	13 DA-C	13 DA-C	13 DA-C
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1
Days After Emergence	4 DE-1	4 DE-1	4 DE-1
Number of Decimals	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Description	7	8	9
9 AUTHORITY MTZ	8 oz/a		A	FALL	65 c	93 a	80 bc
9 WEEDMASTER	32 oz/a		A	FALL			
9 COC	1 % v/v		A	FALL			
9 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
9 LIBERTY 280 SL	28 oz/a		D	POST			
9 LIBERTY 280 SL	28 oz/a		F	LPO			
10 AUTHORITY MTZ	8 oz/a		A	FALL	57 c	97 a	87 b
10 WEEDMASTER	32 oz/a		A	FALL			
10 COC	1 % v/v		A	FALL			
10 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
10 CADET	0.6 oz/a		D	POST			
10 LIBERTY	28 oz/a		D	POST			
10 LIBERTY	28 oz/a		F	LPO			
11 AUTHORITY MTZ	8 oz/a		A	FALL	60 c	97 a	87 b
11 WEEDMASTER	32 oz/a		A	FALL			
11 COC	1 % v/v		A	FALL			
11 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
11 LIBERTY 280 SL	28 oz/a		D	POST			
11 ANTHEM	6 oz/a		D	POST			
11 LIBERTY 280 SL	28 oz/a		F	LPO			
12 AUTHORITY MTZ	8 oz/a		A	FALL	73 bc	100 a	90 ab
12 WEEDMASTER	32 oz/a		A	FALL			
12 COC	1 % v/v		A	FALL			
12 AMMONIUM SULFATE	2.5 % v/v		A	FALL			
12 MARVEL	6 oz/a		D	POST			
12 Roundup PowerMax	28 oz/a		F	LPO			
LSD P=.05					17.6	12.6	12.1
Standard Deviation					10.4	7.4	7.2
CV					13.26	8.42	8.45
Grand Mean					78.5	88.3	84.7
Bartlett's X2					2.902	4.337	4.473
P(Bartlett's X2)					0.574	0.227	0.215
Skewness					-1.4861*	-2.6828*	-2.4706*
Kurtosis					1.4919	6.073*	5.3558*
Replicate F					0.314	0.452	0.704
Replicate Prob(F)					0.7335	0.6421	0.5052
Treatment F					25.266	45.096	46.635
Treatment Prob(F)					0.0001	0.0001	0.0001

Pest Type	W Weed	W Weed	W Weed	
Pest Code	LAMAM	ERYRE	AMBTR	
Pest Scientific Name	Lamium amplexi>	Erysimum repa>	Ambrosia trifi>	
Pest Name	Henbit	Bushy wallflow>	Giant ragweed	
Crop Code				GLXMA
BBCH Scale				BSOY
Crop Scientific Name				Glycine max
Crop Name				Soybean
Rating Date	5-12-2015	5-12-2015	5-12-2015	5-27-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	183 13	183 13	183 13	198 5
Trt-Eval Interval	13 DA-C	13 DA-C	13 DA-C	28 DA-C
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1	28 DP-1
Days After Emergence	4 DE-1	4 DE-1	4 DE-1	19 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Description	10	11	12	13
1 UNTREATED					0 e	0 b	0 c	0 a
2 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a	0 a
2 WEEDMASTER	32 oz/a		A	FALL				
2 COC	1 % v/v		A	FALL				
2 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
2 AUTHORITY MAXX	6.4 oz/a		B	7 EPP				
2 2,4-D LV ESTER	16 oz/a		B	7 EPP				
2 ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
2 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
2 CADET	0.6 oz/a		E	POST				
2 Roundup PowerMax	28 oz/a		E	POST				
2 Roundup PowerMax	28 oz/a		G	LPO				
3 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	92 a	0 a
3 WEEDMASTER	32 oz/a		A	FALL				
3 COC	1 % v/v		A	FALL				
3 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
3 AUTHORITY XL	3.2 oz/a		B	7 EPP				
3 2,4-D LV ESTER	16 oz/a		B	7 EPP				
3 ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
3 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
3 CADET	0.6 oz/a		E	POST				
3 Roundup PowerMax	28 oz/a		E	POST				
3 Roundup PowerMax	28 oz/a		G	LPO				
4 AUTHORITY MAXX	5 oz/a		A	FALL	100 a	100 a	95 a	0 a
4 WEEDMASTER	32 oz/a		A	FALL				
4 COC	1 % v/v		A	FALL				
4 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
4 AUTHORITY MTZ	14 oz/a		B	7 EPP				
4 2,4-D LV ESTER	16 oz/a		B	7 EPP				
4 ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
4 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
4 CADET	0.6 oz/a		E	POST				
4 Roundup PowerMax	28 oz/a		E	POST				
4 Roundup PowerMax	28 oz/a		G	LPO				

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Pest Type	W Weed	W Weed	W Weed	
Pest Code	LAMAM	ERYRE	AMBTR	
Pest Scientific Name	Lamium amplexi>	Erysimum repan>	Ambrosia trifi>	
Pest Name	Henbit	Bushy wallflow>	Giant ragweed	
Crop Code				GLXMA
BBCH Scale				BSOY
Crop Scientific Name				Glycine max
Crop Name				Soybean
Rating Date	5-12-2015	5-12-2015	5-12-2015	5-27-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	183 13	183 13	183 13	198 5
Trt-Eval Interval	13 DA-C	13 DA-C	13 DA-C	28 DA-C
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1	28 DP-1
Days After Emergence	4 DE-1	4 DE-1	4 DE-1	19 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Description	10	11	12	13
5 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	93 a	0 a
5 WEEDMASTER	32 oz/a		A	FALL				
5 COC	1 % v/v		A	FALL				
5 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
5 AUTHORITY ASSIST	5 oz/a		B	7 EPP				
5 2,4-D LV ESTER	16 oz/a		B	7 EPP				
5 ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
5 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
5 CADET	0.6 oz/a		E	POST				
5 Roundup PowerMax	28 oz/a		E	POST				
5 Roundup PowerMax	28 oz/a		G	LPO				
6 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a	0 a
6 WEEDMASTER	32 oz/a		A	FALL				
6 COC	1 % v/v		A	FALL				
6 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
6 AUTHORITY ASSIST	5 oz/a		B	7 EPP				
6 SENCOR	5 oz/a		B	7 EPP				
6 2,4-D LV ESTER	16 oz/a		B	7 EPP				
6 ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
6 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
6 CADET	0.6 oz/a		E	POST				
6 Roundup PowerMax	28 oz/a		E	POST				
6 Roundup PowerMax	28 oz/a		G	LPO				
7 2,4-D LV ESTER	16 oz/a		A	FALL	67 d	100 a	82 a	0 a
7 COC	1 % v/v		A	FALL				
7 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
7 AUTHORITY MTZ	14 oz/a		C	PRE				
7 GRAMOXONE INTEON	64 oz/a		C	PRE				
7 AIM	1 oz/a		C	PRE				
7 COC	1 % v/v		C	PRE				
7 AMMONIUM SULFATE	2.5 % v/v		C	PRE				
7 CADET	0.6 oz/a		E	POST				
7 Roundup PowerMax	28 oz/a		E	POST				
7 Roundup PowerMax	28 oz/a		G	LPO				
8 2,4-D LV ESTER	16 oz/a		A	FALL	100 a	100 a	100 a	0 a
8 COC	1 % v/v		A	FALL				
8 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
8 AUTHORITY MTZ	14 oz/a		B	7 EPP				
8 AIM	1 oz/a		B	7 EPP				
8 GRAMOXONE INTEON	32 oz/a		B	7 EPP				
8 2,4-D LV ESTER	16 oz/a		B	7 EPP				
8 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
8 CADET	0.6 oz/a		E	POST				
8 Roundup PowerMax	28 oz/a		E	POST				
8 Roundup PowerMax	28 oz/a		G	LPO				

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Pest Type	W Weed	W Weed	W Weed	
Pest Code	LAMAM	ERYRE	AMBTR	
Pest Scientific Name	Lamium amplexi>	Erysimum repa>	Ambrosia trifi>	
Pest Name	Henbit	Bushy wallflow>	Giant ragweed	
Crop Code				GLXMA
BBCH Scale				BSOY
Crop Scientific Name				Glycine max
Crop Name				Soybean
Rating Date	5-12-2015	5-12-2015	5-12-2015	5-27-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	183 13	183 13	183 13	198 5
Trt-Eval Interval	13 DA-C	13 DA-C	13 DA-C	28 DA-C
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1	28 DP-1
Days After Emergence	4 DE-1	4 DE-1	4 DE-1	19 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Description	10	11	12	13
9 AUTHORITY MTZ	8 oz/a		A	FALL	73 cd	100 a	27 bc	0 a
9 WEEDMASTER	32 oz/a		A	FALL				
9 COC	1 % v/v		A	FALL				
9 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
9 LIBERTY 280 SL	28 oz/a		D	POST				
9 LIBERTY 280 SL	28 oz/a		F	LPO				
10 AUTHORITY MTZ	8 oz/a		A	FALL	73 cd	100 a	10 bc	0 a
10 WEEDMASTER	32 oz/a		A	FALL				
10 COC	1 % v/v		A	FALL				
10 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
10 CADET	0.6 oz/a		D	POST				
10 LIBERTY	28 oz/a		D	POST				
10 LIBERTY	28 oz/a		F	LPO				
11 AUTHORITY MTZ	8 oz/a		A	FALL	83 bc	100 a	0 c	0 a
11 WEEDMASTER	32 oz/a		A	FALL				
11 COC	1 % v/v		A	FALL				
11 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
11 LIBERTY 280 SL	28 oz/a		D	POST				
11 ANTHEM	6 oz/a		D	POST				
11 LIBERTY 280 SL	28 oz/a		F	LPO				
12 AUTHORITY MTZ	8 oz/a		A	FALL	90 ab	100 a	40 b	0 a
12 WEEDMASTER	32 oz/a		A	FALL				
12 COC	1 % v/v		A	FALL				
12 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
12 MARVEL	6 oz/a		D	POST				
12 Roundup PowerMax	28 oz/a		F	LPO				
LSD P=.05					11.8	.	34.1	.
Standard Deviation					6.9	0.0	20.1	0.0
CV					8.45	0.0	32.71	0.0
Grand Mean					82.2	91.7	61.5	0.0
Bartlett's X2					1.047	0.0	11.426	0.0
P(Bartlett's X2)					0.903	.	0.076	.
Skewness					-2.0967*	-3.1478*	-0.5857	.
Kurtosis					3.9252*	8.3714*	-1.5744*	.
Replicate F					0.058	0.000	0.439	0.000
Replicate Prob(F)					0.9442	1.0000	0.6503	1.0000
Treatment F					51.560	0.000	13.326	0.000
Treatment Prob(F)					0.0001	1.0000	0.0001	1.0000



Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	AMBTR
Pest Scientific Name	<i>Conyza canadensis</i>	<i>Setaria faberii</i>	<i>Ambrosia trifida</i>
Pest Name	Canada horseweed	Giant foxtail	Giant ragweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	5-27-2015	5-27-2015	5-27-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	198 5	198 5	198 5
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C
Plant-Eval Interval	28 DP-1	28 DP-1	28 DP-1
Days After Emergence	19 DE-1	19 DE-1	19 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	14	15	16
1	UNTREATED						0 d	0 d	0 c
2	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	86 a	65 ab
2	WEEDMASTER	32 oz/a		A	FALL				
2	COC	1 % v/v		A	FALL				
2	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
2	AUTHORITY MAXX	6.4 oz/a		B	7 EPP				
2	2,4-D LV ESTER	16 oz/a		B	7 EPP				
2	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
2	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
2	CADET	0.6 oz/a		E	POST				
2	Roundup PowerMax	28 oz/a		E	POST				
2	Roundup PowerMax	28 oz/a		G	LPO				
3	AUTHORITY MTZ	8 oz/a		A	FALL		100 a	53 bc	69 a
3	WEEDMASTER	32 oz/a		A	FALL				
3	COC	1 % v/v		A	FALL				
3	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
3	AUTHORITY XL	3.2 oz/a		B	7 EPP				
3	2,4-D LV ESTER	16 oz/a		B	7 EPP				
3	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
3	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
3	CADET	0.6 oz/a		E	POST				
3	Roundup PowerMax	28 oz/a		E	POST				
3	Roundup PowerMax	28 oz/a		G	LPO				
4	AUTHORITY MAXX	5 oz/a		A	FALL		100 a	78 ab	70 a
4	WEEDMASTER	32 oz/a		A	FALL				
4	COC	1 % v/v		A	FALL				
4	AMMONIUM SULFATE	2.5 % v/v		A	FALL				
4	AUTHORITY MTZ	14 oz/a		B	7 EPP				
4	2,4-D LV ESTER	16 oz/a		B	7 EPP				
4	ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
4	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
4	CADET	0.6 oz/a		E	POST				
4	Roundup PowerMax	28 oz/a		E	POST				
4	Roundup PowerMax	28 oz/a		G	LPO				

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	AMBTR
Pest Scientific Name	<i>Conyza canadensis</i>	<i>Setaria faberii</i>	<i>Ambrosia trifida</i>
Pest Name	Canada horseweed	Giant foxtail	Giant ragweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	5-27-2015	5-27-2015	5-27-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	198 5	198 5	198 5
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C
Plant-Eval Interval	28 DP-1	28 DP-1	28 DP-1
Days After Emergence	19 DE-1	19 DE-1	19 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Description	14	15	16
5	AUTHORITY MTZ	8 oz/a		A	FALL	77 b	75 ab	52 ab
5	WEEDMASTER	32 oz/a		A	FALL			
5	COC	1 % v/v		A	FALL			
5	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
5	AUTHORITY ASSIST	5 oz/a		B	7 EPP			
5	2,4-D LV ESTER	16 oz/a		B	7 EPP			
5	ROUNDUP POWERMAX	32 oz/a		B	7 EPP			
5	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
5	CADET	0.6 oz/a		E	POST			
5	Roundup PowerMax	28 oz/a		E	POST			
5	Roundup PowerMax	28 oz/a		G	LPO			
6	AUTHORITY MTZ	8 oz/a		A	FALL	100 a	63 abc	77 a
6	WEEDMASTER	32 oz/a		A	FALL			
6	COC	1 % v/v		A	FALL			
6	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
6	AUTHORITY ASSIST	5 oz/a		B	7 EPP			
6	SENCOR	5 oz/a		B	7 EPP			
6	2,4-D LV ESTER	16 oz/a		B	7 EPP			
6	ROUNDUP POWERMAX	32 oz/a		B	7 EPP			
6	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
6	CADET	0.6 oz/a		E	POST			
6	Roundup PowerMax	28 oz/a		E	POST			
6	Roundup PowerMax	28 oz/a		G	LPO			
7	2,4-D LV ESTER	16 oz/a		A	FALL	80 ab	67 abc	50 ab
7	COC	1 % v/v		A	FALL			
7	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
7	AUTHORITY MTZ	14 oz/a		C	PRE			
7	GRAMOXONE INTEON	64 oz/a		C	PRE			
7	AIM	1 oz/a		C	PRE			
7	COC	1 % v/v		C	PRE			
7	AMMONIUM SULFATE	2.5 % v/v		C	PRE			
7	CADET	0.6 oz/a		E	POST			
7	Roundup PowerMax	28 oz/a		E	POST			
7	Roundup PowerMax	28 oz/a		G	LPO			
8	2,4-D LV ESTER	16 oz/a		A	FALL	100 a	73 ab	70 a
8	COC	1 % v/v		A	FALL			
8	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
8	AUTHORITY MTZ	14 oz/a		B	7 EPP			
8	AIM	1 oz/a		B	7 EPP			
8	GRAMOXONE INTEON	32 oz/a		B	7 EPP			
8	2,4-D LV ESTER	16 oz/a		B	7 EPP			
8	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
8	CADET	0.6 oz/a		E	POST			
8	Roundup PowerMax	28 oz/a		E	POST			
8	Roundup PowerMax	28 oz/a		G	LPO			

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	AMBTR
Pest Scientific Name	<i>Conyza canadensis</i>	<i>Setaria faberii</i>	<i>Ambrosia trifida</i>
Pest Name	Canada horseweed	Giant foxtail	Giant ragweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	5-27-2015	5-27-2015	5-27-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	198 5	198 5	198 5
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C
Plant-Eval Interval	28 DP-1	28 DP-1	28 DP-1
Days After Emergence	19 DE-1	19 DE-1	19 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Description	14	15	16
9	AUTHORITY MTZ	8 oz/a		A	FALL	97 ab	73 ab	67 a
9	WEEDMASTER	32 oz/a		A	FALL			
9	COC	1 % v/v		A	FALL			
9	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
9	LIBERTY 280 SL	28 oz/a		D	POST			
9	LIBERTY 280 SL	28 oz/a		F	LPO			
10	AUTHORITY MTZ	8 oz/a		A	FALL	98 ab	73 ab	60 ab
10	WEEDMASTER	32 oz/a		A	FALL			
10	COC	1 % v/v		A	FALL			
10	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
10	CADET	0.6 oz/a		D	POST			
10	LIBERTY	28 oz/a		D	POST			
10	LIBERTY	28 oz/a		F	LPO			
11	AUTHORITY MTZ	8 oz/a		A	FALL	95 ab	80 ab	67 a
11	WEEDMASTER	32 oz/a		A	FALL			
11	COC	1 % v/v		A	FALL			
11	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
11	LIBERTY 280 SL	28 oz/a		D	POST			
11	ANTHEM	6 oz/a		D	POST			
11	LIBERTY 280 SL	28 oz/a		F	LPO			
12	AUTHORITY MTZ	8 oz/a		A	FALL	40 c	43 c	33 b
12	WEEDMASTER	32 oz/a		A	FALL			
12	COC	1 % v/v		A	FALL			
12	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
12	MARVEL	6 oz/a		D	POST			
12	Roundup PowerMax	28 oz/a		F	LPO			
LSD P=.05						22.3	29.6	32.5
Standard Deviation						13.2	17.5	19.2
CV						16.02	27.39	33.93
Grand Mean						82.2	63.9	56.6
Bartlett's X2						11.516	9.519	3.082
P(Bartlett's X2)						0.042*	0.391	0.961
Skewness						-1.9411*	-1.3913*	-0.8486*
Kurtosis						2.5995*	1.4726	0.4856
Replicate F						0.244	0.563	0.945
Replicate Prob(F)						0.7854	0.5777	0.4038
Treatment F						16.970	5.338	3.711
Treatment Prob(F)						0.0001	0.0004	0.0043

Pest Type	W Weed	W Weed	W Weed	
Pest Code	CHEAL	ABUTH	AMARE	
Pest Scientific Name	Chenopodium al>	Abutilon theop>	Amaranthus ret>	
Pest Name	Common lambsqu>	velvetleaf	Redroot pigweed	
Crop Code				GLXMA
BBCH Scale				BSOY
Crop Scientific Name				Glycine max
Crop Name				Soybean
Rating Date	5-27-2015	5-27-2015	5-27-2015	6-30-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	198 5	198 5	198 5	232 27
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C	27 DA-E
Plant-Eval Interval	28 DP-1	28 DP-1	28 DP-1	62 DP-1
Days After Emergence	19 DE-1	19 DE-1	19 DE-1	53 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Description	17	18	19	20
1	UNTREATED						0 c	0 d	0 c	0 a
2	AUTHORITY MTZ	8 oz/a		A		FALL	100 a	77 b	100 a	0 a
2	WEEDMASTER	32 oz/a		A		FALL				
2	COC	1 % v/v		A		FALL				
2	AMMONIUM SULFATE	2.5 % v/v		A		FALL				
2	AUTHORITY MAXX	6.4 oz/a		B		7 EPP				
2	2,4-D LV ESTER	16 oz/a		B		7 EPP				
2	ROUNDUP POWERMAX	32 oz/a		B		7 EPP				
2	AMMONIUM SULFATE	2.5 % v/v		B		7 EPP				
2	CADET	0.6 oz/a		E		POST				
2	Roundup PowerMax	28 oz/a		E		POST				
2	Roundup PowerMax	28 oz/a		G		LPO				
3	AUTHORITY MTZ	8 oz/a		A		FALL	100 a	100 a	100 a	0 a
3	WEEDMASTER	32 oz/a		A		FALL				
3	COC	1 % v/v		A		FALL				
3	AMMONIUM SULFATE	2.5 % v/v		A		FALL				
3	AUTHORITY XL	3.2 oz/a		B		7 EPP				
3	2,4-D LV ESTER	16 oz/a		B		7 EPP				
3	ROUNDUP POWERMAX	32 oz/a		B		7 EPP				
3	AMMONIUM SULFATE	2.5 % v/v		B		7 EPP				
3	CADET	0.6 oz/a		E		POST				
3	Roundup PowerMax	28 oz/a		E		POST				
3	Roundup PowerMax	28 oz/a		G		LPO				
4	AUTHORITY MAXX	5 oz/a		A		FALL	100 a	100 a	100 a	0 a
4	WEEDMASTER	32 oz/a		A		FALL				
4	COC	1 % v/v		A		FALL				
4	AMMONIUM SULFATE	2.5 % v/v		A		FALL				
4	AUTHORITY MTZ	14 oz/a		B		7 EPP				
4	2,4-D LV ESTER	16 oz/a		B		7 EPP				
4	ROUNDUP POWERMAX	32 oz/a		B		7 EPP				
4	AMMONIUM SULFATE	2.5 % v/v		B		7 EPP				
4	CADET	0.6 oz/a		E		POST				
4	Roundup PowerMax	28 oz/a		E		POST				
4	Roundup PowerMax	28 oz/a		G		LPO				

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Pest Type	W Weed	W Weed	W Weed	
Pest Code	CHEAL	ABUTH	AMARE	
Pest Scientific Name	Chenopodium al>	Abutilon theop>	Amaranthus ret>	
Pest Name	Common lambsqu>	velvetleaf	Redroot pigweed	
Crop Code				GLXMA
BBCH Scale				BSOY
Crop Scientific Name				Glycine max
Crop Name				Soybean
Rating Date	5-27-2015	5-27-2015	5-27-2015	6-30-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	198 5	198 5	198 5	232 27
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C	27 DA-E
Plant-Eval Interval	28 DP-1	28 DP-1	28 DP-1	62 DP-1
Days After Emergence	19 DE-1	19 DE-1	19 DE-1	53 DE-1
Number of Decimals	0	0	0	0

Trt Treatment	Other Rate	Other Rate	Appl Unit	Appl Description	17	18	19	20
5 AUTHORITY MTZ	8 oz/a		A	FALL	93 a	60 c	100 a	0 a
5 WEEDMASTER	32 oz/a		A	FALL				
5 COC	1 % v/v		A	FALL				
5 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
5 AUTHORITY ASSIST	5 oz/a		B	7 EPP				
5 2,4-D LV ESTER	16 oz/a		B	7 EPP				
5 ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
5 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
5 CADET	0.6 oz/a		E	POST				
5 Roundup PowerMax	28 oz/a		E	POST				
5 Roundup PowerMax	28 oz/a		G	LPO				
6 AUTHORITY MTZ	8 oz/a		A	FALL	92 a	73 b	93 b	0 a
6 WEEDMASTER	32 oz/a		A	FALL				
6 COC	1 % v/v		A	FALL				
6 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
6 AUTHORITY ASSIST	5 oz/a		B	7 EPP				
6 SENCOR	5 oz/a		B	7 EPP				
6 2,4-D LV ESTER	16 oz/a		B	7 EPP				
6 ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
6 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
6 CADET	0.6 oz/a		E	POST				
6 Roundup PowerMax	28 oz/a		E	POST				
6 Roundup PowerMax	28 oz/a		G	LPO				
7 2,4-D LV ESTER	16 oz/a		A	FALL	75 b	100 a	100 a	0 a
7 COC	1 % v/v		A	FALL				
7 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
7 AUTHORITY MTZ	14 oz/a		C	PRE				
7 GRAMOXONE INTEON	64 oz/a		C	PRE				
7 AIM	1 oz/a		C	PRE				
7 COC	1 % v/v		C	PRE				
7 AMMONIUM SULFATE	2.5 % v/v		C	PRE				
7 CADET	0.6 oz/a		E	POST				
7 Roundup PowerMax	28 oz/a		E	POST				
7 Roundup PowerMax	28 oz/a		G	LPO				
8 2,4-D LV ESTER	16 oz/a		A	FALL	95 a	90 a	100 a	0 a
8 COC	1 % v/v		A	FALL				
8 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
8 AUTHORITY MTZ	14 oz/a		B	7 EPP				
8 AIM	1 oz/a		B	7 EPP				
8 GRAMOXONE INTEON	32 oz/a		B	7 EPP				
8 2,4-D LV ESTER	16 oz/a		B	7 EPP				
8 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
8 CADET	0.6 oz/a		E	POST				
8 Roundup PowerMax	28 oz/a		E	POST				
8 Roundup PowerMax	28 oz/a		G	LPO				

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Pest Type	W Weed	W Weed	W Weed	
Pest Code	CHEAL	ABUTH	AMARE	
Pest Scientific Name	Chenopodium al>	Abutilon theop>	Amaranthus ret>	
Pest Name	Common lambsqu>	velvetleaf	Redroot pigweed	
Crop Code				GLXMA
BBCH Scale				BSOY
Crop Scientific Name				Glycine max
Crop Name				Soybean
Rating Date	5-27-2015	5-27-2015	5-27-2015	6-30-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	198 5	198 5	198 5	232 27
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C	27 DA-E
Plant-Eval Interval	28 DP-1	28 DP-1	28 DP-1	62 DP-1
Days After Emergence	19 DE-1	19 DE-1	19 DE-1	53 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Description	17	18	19	20
9 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a	0 a
9 WEEDMASTER	32 oz/a		A	FALL				
9 COC	1 % v/v		A	FALL				
9 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
9 LIBERTY 280 SL	28 oz/a		D	POST				
9 LIBERTY 280 SL	28 oz/a		F	LPO				
10 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a	0 a
10 WEEDMASTER	32 oz/a		A	FALL				
10 COC	1 % v/v		A	FALL				
10 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
10 CADET	0.6 oz/a		D	POST				
10 LIBERTY	28 oz/a		D	POST				
10 LIBERTY	28 oz/a		F	LPO				
11 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a	0 a
11 WEEDMASTER	32 oz/a		A	FALL				
11 COC	1 % v/v		A	FALL				
11 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
11 LIBERTY 280 SL	28 oz/a		D	POST				
11 ANTHEM	6 oz/a		D	POST				
11 LIBERTY 280 SL	28 oz/a		F	LPO				
12 AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a	0 a
12 WEEDMASTER	32 oz/a		A	FALL				
12 COC	1 % v/v		A	FALL				
12 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
12 MARVEL	6 oz/a		D	POST				
12 Roundup PowerMax	28 oz/a		F	LPO				
LSD P=.05					10.2	12.5	5.6	.
Standard Deviation					6.0	7.4	3.3	0.0
CV					6.84	8.85	3.66	0.0
Grand Mean					87.9	83.3	91.1	0.0
Bartlett's X2					0.714	0.31	0.0	0.0
P(Bartlett's X2)					0.87	0.857	.	.
Skewness					-2.7065*	-2.0288*	-3.0784*	.
Kurtosis					6.3411*	3.488*	8.0491*	.
Replicate F					1.209	0.805	1.000	0.000
Replicate Prob(F)					0.3174	0.4599	0.3840	1.0000
Treatment F					67.942	48.279	223.273	0.000
Treatment Prob(F)					0.0001	0.0001	0.0001	1.0000

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	AMBTR
Pest Scientific Name	<i>Coryza canadensis</i>	<i>Setaria faberii</i>	<i>Ambrosia trifida</i>
Pest Name	Canada horseweed	Giant foxtail	Giant ragweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	6-30-2015	6-30-2015	6-30-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	232 27	232 27	232 27
Trt-Eval Interval	27 DA-E	27 DA-E	27 DA-E
Plant-Eval Interval	62 DP-1	62 DP-1	62 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	21	22	23
1	UNTREATED						0 d	0 d	0 e
2	AUTHORITY MTZ	8 oz/a		A		FALL	87 ab	98 a	90 ab
2	WEEDMASTER	32 oz/a		A		FALL			
2	COC	1 % v/v		A		FALL			
2	AMMONIUM SULFATE	2.5 % v/v		A		FALL			
2	AUTHORITY MAXX	6.4 oz/a		B		7 EPP			
2	2,4-D LV ESTER	16 oz/a		B		7 EPP			
2	ROUNDUP POWERMAX	32 oz/a		B		7 EPP			
2	AMMONIUM SULFATE	2.5 % v/v		B		7 EPP			
2	CADET	0.6 oz/a		E		POST			
2	Roundup PowerMax	28 oz/a		E		POST			
2	Roundup PowerMax	28 oz/a		G		LPO			
3	AUTHORITY MTZ	8 oz/a		A		FALL	93 a	95 a	77 bcd
3	WEEDMASTER	32 oz/a		A		FALL			
3	COC	1 % v/v		A		FALL			
3	AMMONIUM SULFATE	2.5 % v/v		A		FALL			
3	AUTHORITY XL	3.2 oz/a		B		7 EPP			
3	2,4-D LV ESTER	16 oz/a		B		7 EPP			
3	ROUNDUP POWERMAX	32 oz/a		B		7 EPP			
3	AMMONIUM SULFATE	2.5 % v/v		B		7 EPP			
3	CADET	0.6 oz/a		E		POST			
3	Roundup PowerMax	28 oz/a		E		POST			
3	Roundup PowerMax	28 oz/a		G		LPO			
4	AUTHORITY MAXX	5 oz/a		A		FALL	100 a	98 a	90 ab
4	WEEDMASTER	32 oz/a		A		FALL			
4	COC	1 % v/v		A		FALL			
4	AMMONIUM SULFATE	2.5 % v/v		A		FALL			
4	AUTHORITY MTZ	14 oz/a		B		7 EPP			
4	2,4-D LV ESTER	16 oz/a		B		7 EPP			
4	ROUNDUP POWERMAX	32 oz/a		B		7 EPP			
4	AMMONIUM SULFATE	2.5 % v/v		B		7 EPP			
4	CADET	0.6 oz/a		E		POST			
4	Roundup PowerMax	28 oz/a		E		POST			
4	Roundup PowerMax	28 oz/a		G		LPO			

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	AMBTR
Pest Scientific Name	Conyza canadensis	Setaria faberii	Ambrosia trifida
Pest Name	Canada horseweed	Giant foxtail	Giant ragweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	6-30-2015	6-30-2015	6-30-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	232 27	232 27	232 27
Trt-Eval Interval	27 DA-E	27 DA-E	27 DA-E
Plant-Eval Interval	62 DP-1	62 DP-1	62 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Description	21	22	23
5	AUTHORITY MTZ	8 oz/a		A	FALL	63 c	95 a	73 bcd
5	WEEDMASTER	32 oz/a		A	FALL			
5	COC	1 % v/v		A	FALL			
5	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
5	AUTHORITY ASSIST	5 oz/a		B	7 EPP			
5	2,4-D LV ESTER	16 oz/a		B	7 EPP			
5	ROUNDUP POWERMAX	32 oz/a		B	7 EPP			
5	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
5	CADET	0.6 oz/a		E	POST			
5	Roundup PowerMax	28 oz/a		E	POST			
5	Roundup PowerMax	28 oz/a		G	LPO			
6	AUTHORITY MTZ	8 oz/a		A	FALL	93 a	100 a	97 a
6	WEEDMASTER	32 oz/a		A	FALL			
6	COC	1 % v/v		A	FALL			
6	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
6	AUTHORITY ASSIST	5 oz/a		B	7 EPP			
6	SENCOR	5 oz/a		B	7 EPP			
6	2,4-D LV ESTER	16 oz/a		B	7 EPP			
6	ROUNDUP POWERMAX	32 oz/a		B	7 EPP			
6	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
6	CADET	0.6 oz/a		E	POST			
6	Roundup PowerMax	28 oz/a		E	POST			
6	Roundup PowerMax	28 oz/a		G	LPO			
7	2,4-D LV ESTER	16 oz/a		A	FALL	70 bc	100 a	82 abc
7	COC	1 % v/v		A	FALL			
7	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
7	AUTHORITY MTZ	14 oz/a		C	PRE			
7	GRAMOXONE INTEON	64 oz/a		C	PRE			
7	AIM	1 oz/a		C	PRE			
7	COC	1 % v/v		C	PRE			
7	AMMONIUM SULFATE	2.5 % v/v		C	PRE			
7	CADET	0.6 oz/a		E	POST			
7	Roundup PowerMax	28 oz/a		E	POST			
7	Roundup PowerMax	28 oz/a		G	LPO			
8	2,4-D LV ESTER	16 oz/a		A	FALL	100 a	98 a	87 ab
8	COC	1 % v/v		A	FALL			
8	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
8	AUTHORITY MTZ	14 oz/a		B	7 EPP			
8	AIM	1 oz/a		B	7 EPP			
8	GRAMOXONE INTEON	32 oz/a		B	7 EPP			
8	2,4-D LV ESTER	16 oz/a		B	7 EPP			
8	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
8	CADET	0.6 oz/a		E	POST			
8	Roundup PowerMax	28 oz/a		E	POST			
8	Roundup PowerMax	28 oz/a		G	LPO			



Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	AMBTR
Pest Scientific Name	Conyza canadensis	Setaria faberi	Ambrosia trifida
Pest Name	Canada horseweed	Giant foxtail	Giant ragweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	6-30-2015	6-30-2015	6-30-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	232 27	232 27	232 27
Trt-Eval Interval	27 DA-E	27 DA-E	27 DA-E
Plant-Eval Interval	62 DP-1	62 DP-1	62 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Description	21	22	23
9	AUTHORITY MTZ	8 oz/a		A	FALL	57 c	63 b	62 d
9	WEEDMASTER	32 oz/a		A	FALL			
9	COC	1 % v/v		A	FALL			
9	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
9	LIBERTY 280 SL	28 oz/a		D	POST			
9	LIBERTY 280 SL	28 oz/a		F	LPO			
10	AUTHORITY MTZ	8 oz/a		A	FALL	57 c	75 ab	75 bcd
10	WEEDMASTER	32 oz/a		A	FALL			
10	COC	1 % v/v		A	FALL			
10	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
10	CADET	0.6 oz/a		D	POST			
10	LIBERTY	28 oz/a		D	POST			
10	LIBERTY	28 oz/a		F	LPO			
11	AUTHORITY MTZ	8 oz/a		A	FALL	70 bc	82 ab	67 cd
11	WEEDMASTER	32 oz/a		A	FALL			
11	COC	1 % v/v		A	FALL			
11	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
11	LIBERTY 280 SL	28 oz/a		D	POST			
11	ANTHEM	6 oz/a		D	POST			
11	LIBERTY 280 SL	28 oz/a		F	LPO			
12	AUTHORITY MTZ	8 oz/a		A	FALL	13 d	28 c	0 e
12	WEEDMASTER	32 oz/a		A	FALL			
12	COC	1 % v/v		A	FALL			
12	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
12	MARVEL	6 oz/a		D	POST			
12	Roundup PowerMax	28 oz/a		F	LPO			
LSD P=.05						20.7	25.2	17.0
Standard Deviation						12.2	14.9	10.0
CV						18.24	19.12	15.06
Grand Mean						66.9	77.8	66.5
Bartlett's X2						4.631	29.841	7.923
P(Bartlett's X2)						0.796	0.001*	0.542
Skewness						-0.9471*	-1.6712*	-1.3102*
Kurtosis						-0.0329	1.4339	0.4168
Replicate F						1.457	2.566	0.298
Replicate Prob(F)						0.2545	0.0997	0.7455
Treatment F						21.144	14.273	31.921
Treatment Prob(F)						0.0001	0.0001	0.0001

Pest Type	W Weed	W Weed	W Weed
Pest Code	CHEAL	ABUTH	AMARE
Pest Scientific Name	Chenopodium al>	Abutilon theop>	Amaranthus ret>
Pest Name	Common lambsqu>	velvetleaf	Redroot pigweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	6-30-2015	6-30-2015	6-30-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	232 27	232 27	232 27
Trt-Eval Interval	27 DA-E	27 DA-E	27 DA-E
Plant-Eval Interval	62 DP-1	62 DP-1	62 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Code	Description	24	25	26
1 UNTREATED						0 d	0 c	0 c
2 AUTHORITY MTZ	8 oz/a		A	FALL		100 a	100 a	100 a
2 WEEDMASTER	32 oz/a		A	FALL				
2 COC	1 % v/v		A	FALL				
2 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
2 AUTHORITY MAXX	6.4 oz/a		B	7 EPP				
2 2,4-D LV ESTER	16 oz/a		B	7 EPP				
2 ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
2 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
2 CADET	0.6 oz/a		E	POST				
2 Roundup PowerMax	28 oz/a		E	POST				
2 Roundup PowerMax	28 oz/a		G	LPO				
3 AUTHORITY MTZ	8 oz/a		A	FALL		100 a	100 a	100 a
3 WEEDMASTER	32 oz/a		A	FALL				
3 COC	1 % v/v		A	FALL				
3 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
3 AUTHORITY XL	3.2 oz/a		B	7 EPP				
3 2,4-D LV ESTER	16 oz/a		B	7 EPP				
3 ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
3 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
3 CADET	0.6 oz/a		E	POST				
3 Roundup PowerMax	28 oz/a		E	POST				
3 Roundup PowerMax	28 oz/a		G	LPO				
4 AUTHORITY MAXX	5 oz/a		A	FALL		100 a	100 a	100 a
4 WEEDMASTER	32 oz/a		A	FALL				
4 COC	1 % v/v		A	FALL				
4 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
4 AUTHORITY MTZ	14 oz/a		B	7 EPP				
4 2,4-D LV ESTER	16 oz/a		B	7 EPP				
4 ROUNDUP POWERMAX	32 oz/a		B	7 EPP				
4 AMMONIUM SULFATE	2.5 % v/v		B	7 EPP				
4 CADET	0.6 oz/a		E	POST				
4 Roundup PowerMax	28 oz/a		E	POST				
4 Roundup PowerMax	28 oz/a		G	LPO				

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Pest Type	W Weed	W Weed	W Weed
Pest Code	CHEAL	ABUTH	AMARE
Pest Scientific Name	Chenopodium al>	Abutilon theop>	Amaranthus ret>
Pest Name	Common lambsqu>	velvetleaf	Redroot pigweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	6-30-2015	6-30-2015	6-30-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	232 27	232 27	232 27
Trt-Eval Interval	27 DA-E	27 DA-E	27 DA-E
Plant-Eval Interval	62 DP-1	62 DP-1	62 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Description	24	25	26
5	AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a
5	WEEDMASTER	32 oz/a		A	FALL			
5	COC	1 % v/v		A	FALL			
5	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
5	AUTHORITY ASSIST	5 oz/a		B	7 EPP			
5	2,4-D LV ESTER	16 oz/a		B	7 EPP			
5	ROUNDUP POWERMAX	32 oz/a		B	7 EPP			
5	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
5	CADET	0.6 oz/a		E	POST			
5	Roundup PowerMax	28 oz/a		E	POST			
5	Roundup PowerMax	28 oz/a		G	LPO			
6	AUTHORITY MTZ	8 oz/a		A	FALL	100 a	100 a	100 a
6	WEEDMASTER	32 oz/a		A	FALL			
6	COC	1 % v/v		A	FALL			
6	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
6	AUTHORITY ASSIST	5 oz/a		B	7 EPP			
6	SENCOR	5 oz/a		B	7 EPP			
6	2,4-D LV ESTER	16 oz/a		B	7 EPP			
6	ROUNDUP POWERMAX	32 oz/a		B	7 EPP			
6	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
6	CADET	0.6 oz/a		E	POST			
6	Roundup PowerMax	28 oz/a		E	POST			
6	Roundup PowerMax	28 oz/a		G	LPO			
7	2,4-D LV ESTER	16 oz/a		A	FALL	100 a	95 b	100 a
7	COC	1 % v/v		A	FALL			
7	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
7	AUTHORITY MTZ	14 oz/a		C	PRE			
7	GRAMOXONE INTEON	64 oz/a		C	PRE			
7	AIM	1 oz/a		C	PRE			
7	COC	1 % v/v		C	PRE			
7	AMMONIUM SULFATE	2.5 % v/v		C	PRE			
7	CADET	0.6 oz/a		E	POST			
7	Roundup PowerMax	28 oz/a		E	POST			
7	Roundup PowerMax	28 oz/a		G	LPO			
8	2,4-D LV ESTER	16 oz/a		A	FALL	100 a	100 a	100 a
8	COC	1 % v/v		A	FALL			
8	AMMONIUM SULFATE	2.5 % v/v		A	FALL			
8	AUTHORITY MTZ	14 oz/a		B	7 EPP			
8	AIM	1 oz/a		B	7 EPP			
8	GRAMOXONE INTEON	32 oz/a		B	7 EPP			
8	2,4-D LV ESTER	16 oz/a		B	7 EPP			
8	AMMONIUM SULFATE	2.5 % v/v		B	7 EPP			
8	CADET	0.6 oz/a		E	POST			
8	Roundup PowerMax	28 oz/a		E	POST			
8	Roundup PowerMax	28 oz/a		G	LPO			

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Pest Type	W Weed	W Weed	W Weed
Pest Code	CHEAL	ABUTH	AMARE
Pest Scientific Name	Chenopodium al>	Abutilon theop>	Amaranthus ret>
Pest Name	Common lambsqu>	velvetleaf	Redroot pigweed
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	6-30-2015	6-30-2015	6-30-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	232 27	232 27	232 27
Trt-Eval Interval	27 DA-E	27 DA-E	27 DA-E
Plant-Eval Interval	62 DP-1	62 DP-1	62 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0

Trt Treatment	Other	Other	Appl	Appl	24	25	26	
No. Name	Rate	Rate	Unit	Code	Description			
9 AUTHORITY MTZ	8 oz/a		A	FALL		77 bc	100 a	
9 WEEDMASTER	32 oz/a		A	FALL			87 ab	
9 COC	1 % v/v		A	FALL				
9 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
9 LIBERTY 280 SL	28 oz/a		D	POST				
9 LIBERTY 280 SL	28 oz/a		F	LPO				
10 AUTHORITY MTZ	8 oz/a		A	FALL		73 c	100 a	
10 WEEDMASTER	32 oz/a		A	FALL			73 b	
10 COC	1 % v/v		A	FALL				
10 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
10 CADET	0.6 oz/a		D	POST				
10 LIBERTY	28 oz/a		D	POST				
10 LIBERTY	28 oz/a		F	LPO				
11 AUTHORITY MTZ	8 oz/a		A	FALL		97 ab	100 a	
11 WEEDMASTER	32 oz/a		A	FALL			87 ab	
11 COC	1 % v/v		A	FALL				
11 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
11 LIBERTY 280 SL	28 oz/a		D	POST				
11 ANTHEM	6 oz/a		D	POST				
11 LIBERTY 280 SL	28 oz/a		F	LPO				
12 AUTHORITY MTZ	8 oz/a		A	FALL		93 abc	100 a	
12 WEEDMASTER	32 oz/a		A	FALL			100 a	
12 COC	1 % v/v		A	FALL				
12 AMMONIUM SULFATE	2.5 % v/v		A	FALL				
12 MARVEL	6 oz/a		D	POST				
12 Roundup PowerMax	28 oz/a		F	LPO				
LSD P=.05						21.1	4.2	17.1
Standard Deviation						12.4	2.5	10.1
CV						14.34	2.74	11.58
Grand Mean						86.7	91.3	87.2
Bartlett's X2						7.665	0.0	1.009
P(Bartlett's X2)						0.053	.	0.604
Skewness						-2.3537*	-3.1072*	-2.437*
Kurtosis						4.3493*	8.1889*	5.0042*
Replicate F						1.510	1.000	0.762
Replicate Prob(F)						0.2430	0.3840	0.4785
Treatment F						16.196	397.364	24.347
Treatment Prob(F)						0.0001	0.0001	0.0001

2014/SOYBEAN/AUTHORITY XL/AUTHORITY ASSIST/AUTHORITY MTZ/SPLIT

Title No. 2: APPLICATIONS/FALL/SPRING PROGRAMS/

Trial ID: 15FALLSOY1 Location: Western Branch f-10 E Trial Year: 2014

Protocol ID: SULF.SOY.14.JPR.21aa Investigator: Dr. Mark M. Loux

Project ID: Study Director: Anthony Dobbels

Sponsor Contact: Joe Reed, FMC

Pest Type

W, Weed, G-BYRW7, G-WedStg = Weed or volunteer crop

Pest Code

ERICA, Conyza canadensis, = US

STEME, Stellaria media, = US

LAMPU, Lamium purpureum, = US

LAMAM, Lamium amplexicaule, = US

ERYRE, Erysimum repandum, = US

AMBTR, Ambrosia trifida, = US

SETFA, Setaria faberi, = US

CHEAL, Chenopodium album, = US

ABUTH, Abutilon theophrasti, = US

AMARE, Amaranthus retroflexus, = US

Crop Code

GLXMA, BSOY, Glycine max, = US

Rating Type

CONTRO = control / burndown or knockdown

PHYGEN = phytotoxicity - general / injury

Rating Unit

% = percent

Plant-Eval Interval

-1 DP-1 = 1 GLXMA 4-29-2015

13 DP-1 = 1 GLXMA 4-29-2015

28 DP-1 = 1 GLXMA 4-29-2015

62 DP-1 = 1 GLXMA 4-29-2015