

Evaluation of MON 63479 preemergence and postemergence in soybeans

Trial ID: 15 PRPOS3 Location: F-7 MIDDLE Trial Year: 2015
Protocol ID: 15 PRPOS3 Investigator: Dr. Mark M. Loux
Project ID: 2015-01-24-01 Study Director: Bryan Reeb
Sponsor Contact: Rod Stevenson, Monsanto

General Trial Information

Study Director: Bryan Reeb
Investigator: Dr. Mark M. Loux

Latitude of LL Corner °: 39.86031 N
Longitude of LL Corner °: 83.67205 W

Conducted Under GLP: No
Conducted Under GEP: No

Contacts

Study Director: Bryan Reeb
Investigator: Dr. Mark M. Loux

Crop Description

Crop 1: GLXMA Glycine max Soybean
Variety: SCS 9363
Description: RoundUp Ready

Planting Date: 5-7-2015
Planting Method: PLANTD planted
Planting Equipment: KINZE
Emergence Date: 5-15-2015

Planting Rate, Unit: 180000 S/A
Depth, Unit: 1 IN
Row Spacing, Unit: 15 IN
Soil Temperature, Unit: 70 F
Soil Moisture: GOOD good
Seed Bed: MEDIUM medium

Pest Description

- Pest 1 Type:** W **Code:** SETFA *Setaria faberi*
Common Name: Giant foxtail
- Pest 2 Type:** W **Code:** AMBTR *Ambrosia trifida*
Common Name: Giant ragweed
- Pest 3 Type:** W **Code:** AMARE *Amaranthus retroflexus*
Common Name: Redroot pigweed
- Pest 4 Type:** W **Code:** CHEAL *Chenopodium album*
Common Name: Common lambsquarters
- Pest 5 Type:** W **Code:** IPOHE *Ipomoea hederacea*
Common Name: Ivyleaf morningglory
- Pest 6 Type:** W **Code:** POLPY *Persicaria pensylvanica*
Common Name: Pennsylvania smartweed

Site and Design

Treated Plot Width: 10 FT
Treated Plot Length: 30 FT
Treated Plot Area: 300 FT2 **Treatments:** 14
Replications: 3
Site Type: FIELD field
Experimental Unit: 1 PLOT plot
Tillage Type: CONTIL conventional-till
Study Design: RACOB� Randomized Complete Block (RCB)

Soil Description

Description Name: F-7 Middle
% OM: 1.9 **Texture:** SIL silt loam
pH: 6.4 **Soil Name:** Crosby
CEC: 13.3 **Fert. Level:** G good
Soil Drainage: G good

Application Description

	A	B	C
Application Date:	5-8-2015	5-28-2015	6-10-2015
Appl. Start Time:	9:00 AM	8:50	9:55 AM
Appl. Stop Time:	10:00 AM	10:02 AM	10:10 AM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	PRE ATPL	EPO V2	POST
Application Placement:	BROSOI	BROFOL	BROFOL
Air Temperature, Unit:	73 F	69 F	73 F
% Relative Humidity:	66	75	72
Wind Velocity, Unit:	1.3 MPH	2.5 mph	9 MPH
Wind Direction:	S	E	SW
Dew Presence (Y/N):	N no		N no
Soil Temperature, Unit:	61 F	66 F	61 F
Soil Moisture:	DRY	dry/moist	DRY
% Cloud Cover:	10	60	5
Next Moisture Occurred On:	5-11-2015	5-30-2015	6-12-2015
Time to Next Moisture, Unit:	3 DAY	2 DAY	2 DAY

Crop Stage At Each Application

	A		B		C	
Crop 1 Code, BBCH Scale:	GLXMA	BSOY	GLXMA	BSOY	GLXMA	BSOY
Stage Scale Used:			BBCH		BBCH	
Stage Majority, Percent:			12	100	13	
Stage Minimum, Percent:					13	
Stage Maximum, Percent:					14	
Height, Unit:			3	IN	6	IN
Height Minimum, Maximum:			2	3	6	8

Pest Stage At Each Application

	A		B		C	
Pest 1 Code, Type, Scale:	SETFA	W	SETFA	W	SETFA	W
Stage Majority, Percent:			12	100	16	
Stage Minimum, Percent:			12	100	14	
Stage Maximum, Percent:			14	100	18	
Height, Unit:			2	IN	4	IN
Height Minimum, Maximum:			1	4	2	8
Density, Unit:			35.67 M2			
Pest 2 Code, Type, Scale:	AMBTR	W	AMBTR	W	AMBTR	W
Stage Majority, Percent:			12	100	18	
Stage Minimum, Percent:			12	100	16	
Stage Maximum, Percent:			14	100	19	
Height, Unit:			2	IN	6	IN
Height Minimum, Maximum:			1	3	4	10
Density, Unit:			4.33 M2			
Pest 3 Code, Type, Scale:	AMARE	W	AMARE	W	AMARE	W
Stage Majority, Percent:			14	100	16	
Stage Minimum, Percent:			14	100	14	
Stage Maximum, Percent:			14	100	18	
Height, Unit:			1	IN	3	IN
Height Minimum, Maximum:			1	1	2	4
Density, Unit:			0.33 M2			
Pest 4 Code, Type, Scale:	CHEAL	W	CHEAL	W	CHEAL	W
Stage Majority, Percent:			14	100	16	
Stage Minimum, Percent:			14	100	16	
Stage Maximum, Percent:			16	100	18	
Height, Unit:			1	IN	3	IN
Height Minimum, Maximum:			1	1	2	4
Density, Unit:			0.33 M2			
Pest 5 Code, Type, Scale:	IPOHE	W	IPOHE	W	IPOHE	W
Density, Unit:			1 M2			
Pest 6 Code, Type, Scale:	POLPY	W	POLPY	W	POLPY	W
Density, Unit:			0.67 M2			

Application Equipment

	A	B	C
Appl. Equipment:	6' BACKPACK	10' BACKPACK	10' BACKPACK
Equipment Type:	BACCAI	BACCAI	BACCAI
Operation Pressure, Unit:	44 PSI	44 PSI	50 PSI
Nozzle Type:	AIXR	AIXR	AIXR
Nozzle Size:	11015	11015	11015
Nozzle Spacing, Unit:	18 IN	18 IN	18 IN
Nozzles/Row:	4	6	6
Boom Length, Unit:	6.67 FT	10 FT	10 FT
Boom Height, Unit:	20 IN	20 IN	20 IN
Ground Speed, Unit:	3 MPH	3 MPH	3 MPH
Carrier:	WATER	WATER	WATER
Spray Volume, Unit:	15 gal/ac	15 gal/ac	15 gal/ac
Mix Size, Unit:	1 liters	2 liters	2 liters
Propellant:	COMCO2	COMCO2	COMCO2

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Pest Type		W Weed	W Weed	W Weed
Pest Code		SETFA	AMBTR	AMARE
Pest Scientific Name		Setaria faberi	Ambrosia trifida	Amaranthus retrofractus
Pest Name		Giant foxtail	Giant ragweed	Redroot pigweed
Crop Code	GLXMA			
BBCH Scale	BSOY			
Crop Scientific Name	Glycine max			
Crop Name	Soybean			
Crop Variety	SCS 9363			
Description	RR			
Part Rated	PLANT C			
Rating Date	6-4-2015	6-4-2015	6-4-2015	6-4-2015
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	27 7	27 7	27 7	27 7
Plant-Eval Interval	28 DP-1	28 DP-1	28 DP-1	28 DP-1
Days After Emergence	20 DE-1	20 DE-1	20 DE-1	20 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Description	1	2	3	4
1	MON 63479	50 oz/a		B	EPO		4.3 c	100.0 a	96.7 a	100.0 a
1	Roundup Power Max	32 oz/a		B	EPO					
1	N-pak ams	3 qt/a		B	EPO					
2	MON 63479	60 oz/a		B	EPO		4.3 c	100.0 a	95.0 a	100.0 a
2	Roundup Power Max	32 oz/a		B	EPO					
2	N-pak ams	3 qt/a		B	EPO					
3	Prefix	32 oz/a		B	EPO		9.0 ab	100.0 a	100.0 a	100.0 a
3	Roundup Power Max	32 oz/a		B	EPO					
3	N-pak ams	3 qt/a		B	EPO					
4	Prefix	40 oz/a		B	EPO		9.3 a	100.0 a	96.7 a	100.0 a
4	Roundup Power Max	32 oz/a		B	EPO					
4	N-pak ams	3 qt/a		B	EPO					
5	MON 63479	50 oz/a		B	EPO		10.0 a	100.0 a	100.0 a	100.0 a
5	Roundup Power Max	32 oz/a		B	EPO					
5	N-pak ams	3 qt/a		B	EPO					
5	Succeed	0.3 qt/a		B	EPO					
6	Prefix	32 oz/a		B	EPO		8.7 ab	100.0 a	100.0 a	100.0 a
6	Roundup Power Max	32 oz/a		B	EPO					
6	N-pak ams	3 qt/a		B	EPO					
6	Succeed	0.3 qt/a		B	EPO					
7	MON 63479	50 oz/a		B	EPO		6.3 bc	100.0 a	98.3 a	100.0 a
7	Roundup Power Max	32 oz/a		B	EPO					
7	N-pak ams	3 qt/a		B	EPO					
7	Superb HC	0.3 qt/a		B	EPO					
8	Prefix	32 oz/a		B	EPO		10.7 a	100.0 a	100.0 a	100.0 a
8	Roundup Power Max	32 oz/a		B	EPO					
8	N-pak ams	3 qt/a		B	EPO					
8	Superb HC	0.3 qt/a		B	EPO					

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.
 Missing data estimates are included in columns: Yates=9
 Could not calculate LSD (% mean diff) for columns 4,13,20,25,26 because error mean square = 0.

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Pest Type		W Weed	W Weed	W Weed
Pest Code		SETFA	AMBTR	AMARE
Pest Scientific Name		Setaria faberi	Ambrosia trifida	Amaranthus retrofractus
Pest Name		Giant foxtail	Giant ragweed	Redroot pigweed
Crop Code	GLXMA			
BBCH Scale	BSOY			
Crop Scientific Name	Glycine max			
Crop Name	Soybean			
Crop Variety	SCS 9363			
Description	RR			
Part Rated	PLANT C			
Rating Date	6-4-2015	6-4-2015	6-4-2015	6-4-2015
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	27 7	27 7	27 7	27 7
Plant-Eval Interval	28 DP-1	28 DP-1	28 DP-1	28 DP-1
Days After Emergence	20 DE-1	20 DE-1	20 DE-1	20 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	1	2	3	4
9	MON 63479	50 oz/a		A	PRE	0.0 d	60.0 bcd	40.0 c	100.0 a
9	Warrant	48 oz/a		C	POST 5" wds				
9	Roundup Power Max	32 oz/a		C	POST 5" wds				
9	N-pak ams	3 qt/a		C	POST 5" wds				
10	MON 63479	60 oz/a		A	PRE	0.3 d	66.7 b	40.0 c	100.0 a
10	Warrant	48 oz/a		C	POST 5" wds				
10	Roundup Power Max	32 oz/a		C	POST 5" wds				
10	N-pak ams	3 qt/a		C	POST 5" wds				
11	Prefix	32 oz/a		A	PRE	0.3 d	70.0 b	60.0 b	100.0 a
11	Warrant	48 oz/a		C	POST 5" wds				
11	Roundup Power Max	32 oz/a		C	POST 5" wds				
11	N-pak ams	3 qt/a		C	POST 5" wds				
12	Rowel FX @ 4.5 oz					5.0 c	50.0 d	61.7 b	100.0 a
12	Valor SX	2.63 oz/a		A	PRE				
12	Classic	1.86 oz/a		A	PRE				
12	MON 63479	50 oz/a		C	POST 5" wds				
12	Roundup Power Max	32 oz/a		C	POST 5" wds				
12	N-pak ams	3 qt/a		C	POST 5" wds				
13	Fierce	3.75 oz/a		A	PRE	3.7 c	63.3 bc	66.7 b	100.0 a
13	MON 63479	50 oz/a		C	POST 5" wds				
13	Roundup Power Max	32 oz/a		C	POST 5" wds				
13	N-pak ams	3 qt/a		C	POST 5" wds				
14	Warrant	48 oz/a		A	PRE	0.3 d	53.3 cd	46.7 c	100.0 a
14	Tricor	5 oz/a		A	PRE				
14	MON 63479	50 oz/a		C	POST 5" wds				
14	Roundup Power Max	32 oz/a		C	POST 5" wds				
14	N-pak ams	3 qt/a		C	POST 5" wds				
LSD P=.05						2.87	11.31	11.56	.
Standard Deviation						1.71	6.74	6.89	0.00
CV						33.07	8.11	8.76	0.0
Grand Mean						5.17	83.10	78.69	100.00
Bartlett's X2						14.533	1.656	13.995	0.0
P(Bartlett's X2)						0.268	0.799	0.122	.
Skewness						0.0352	-0.5973	-0.6839	.
Kurtosis						-1.4813*	-1.4757*	-1.0826	.
Replicate F						0.816	0.210	2.269	0.000
Replicate Prob(F)						0.4534	0.8122	0.1235	1.0000
Treatment F						15.787	28.617	38.481	0.000
Treatment Prob(F)						0.0001	0.0001	0.0001	1.0000

Pest Type	W Weed	W Weed	W Weed
Pest Code	CHEAL	SETFA	ECHCG
Pest Scientific Name	Chenopodium al>	Setaria faberi	Echinochloa cr>
Pest Name	Common lambsqu>	Giant foxtail	Common barnyar>
Crop Code		GLXMA	
BBCH Scale		BSOY	
Crop Scientific Name		Glycine max	
Crop Name		Soybean	
Crop Variety		SCS 9363	
Description		RR	
Part Rated		PLANT C	
Rating Date	6-4-2015	6-18-2015	6-18-2015
Rating Type	CONTRO	PHYGEN	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	27 7	41 8	41 8
Plant-Eval Interval	28 DP-1	42 DP-1	42 DP-1
Days After Emergence	20 DE-1	34 DE-1	34 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Description	5	6	7	8
1	MON 63479	50 oz/a		B	EPO		100.0 a	0.0 c	99.3 a	98.3 a
	1 Roundup Power Max	32 oz/a		B	EPO					
	1 N-pak ams	3 qt/a		B	EPO					
2	MON 63479	60 oz/a		B	EPO		100.0 a	0.0 c	97.0 a	96.7 a
	2 Roundup Power Max	32 oz/a		B	EPO					
	2 N-pak ams	3 qt/a		B	EPO					
3	Prefix	32 oz/a		B	EPO		100.0 a	0.0 c	99.3 a	100.0 a
	3 Roundup Power Max	32 oz/a		B	EPO					
	3 N-pak ams	3 qt/a		B	EPO					
4	Prefix	40 oz/a		B	EPO		100.0 a	0.7 c	97.7 a	99.3 a
	4 Roundup Power Max	32 oz/a		B	EPO					
	4 N-pak ams	3 qt/a		B	EPO					
5	MON 63479	50 oz/a		B	EPO		100.0 a	0.0 c	98.3 a	98.3 a
	5 Roundup Power Max	32 oz/a		B	EPO					
	5 N-pak ams	3 qt/a		B	EPO					
	5 Succeed	0.3 qt/a		B	EPO					
6	Prefix	32 oz/a		B	EPO		100.0 a	0.0 c	98.3 a	99.3 a
	6 Roundup Power Max	32 oz/a		B	EPO					
	6 N-pak ams	3 qt/a		B	EPO					
	6 Succeed	0.3 qt/a		B	EPO					
7	MON 63479	50 oz/a		B	EPO		100.0 a	0.0 c	99.3 a	100.0 a
	7 Roundup Power Max	32 oz/a		B	EPO					
	7 N-pak ams	3 qt/a		B	EPO					
	7 Superb HC	0.3 qt/a		B	EPO					
8	Prefix	32 oz/a		B	EPO		100.0 a	0.0 c	100.0 a	98.7 a
	8 Roundup Power Max	32 oz/a		B	EPO					
	8 N-pak ams	3 qt/a		B	EPO					
	8 Superb HC	0.3 qt/a		B	EPO					

Pest Type	W Weed	W Weed	W Weed
Pest Code	CHEAL	SETFA	ECHCG
Pest Scientific Name	Chenopodium al>	Setaria faberi	Echinochloa cr>
Pest Name	Common lambsqu>	Giant foxtail	Common barnyar>
Crop Code		GLXMA	
BBCH Scale		BSOY	
Crop Scientific Name		Glycine max	
Crop Name		Soybean	
Crop Variety		SCS 9363	
Description		RR	
Part Rated		PLANT C	
Rating Date	6-4-2015	6-18-2015	6-18-2015
Rating Type	CONTRO	PHYGEN	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	27 7	41 8	41 8
Plant-Eval Interval	28 DP-1	42 DP-1	42 DP-1
Days After Emergence	20 DE-1	34 DE-1	34 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	5	6	7	8
9	MON 63479	50 oz/a		A	PRE	96.7 a	0.0 c	100.0 a	100.0 a
	9 Warrant	48 oz/a		C	POST 5" wds				
	9 Roundup Power Max	32 oz/a		C	POST 5" wds				
	9 N-pak ams	3 qt/a		C	POST 5" wds				
10	MON 63479	60 oz/a		A	PRE	96.7 a	0.3 c	100.0 a	100.0 a
	10 Warrant	48 oz/a		C	POST 5" wds				
	10 Roundup Power Max	32 oz/a		C	POST 5" wds				
	10 N-pak ams	3 qt/a		C	POST 5" wds				
11	Prefix	32 oz/a		A	PRE	95.0 a	0.3 c	100.0 a	98.3 a
	11 Warrant	48 oz/a		C	POST 5" wds				
	11 Roundup Power Max	32 oz/a		C	POST 5" wds				
	11 N-pak ams	3 qt/a		C	POST 5" wds				
12	Rowel FX @ 4.5 oz					100.0 a	7.0 a	100.0 a	100.0 a
	12 Valor SX	2.63 oz/a		A	PRE				
	12 Classic	1.86 oz/a		A	PRE				
	12 MON 63479	50 oz/a		C	POST 5" wds				
	12 Roundup Power Max	32 oz/a		C	POST 5" wds				
	12 N-pak ams	3 qt/a		C	POST 5" wds				
13	Fierce	3.75 oz/a		A	PRE	100.0 a	7.0 a	100.0 a	100.0 a
	13 MON 63479	50 oz/a		C	POST 5" wds				
	13 Roundup Power Max	32 oz/a		C	POST 5" wds				
	13 N-pak ams	3 qt/a		C	POST 5" wds				
14	Warrant	48 oz/a		A	PRE	100.0 a	4.3 b	100.0 a	100.0 a
	14 Tricor	5 oz/a		A	PRE				
	14 MON 63479	50 oz/a		C	POST 5" wds				
	14 Roundup Power Max	32 oz/a		C	POST 5" wds				
	14 N-pak ams	3 qt/a		C	POST 5" wds				
LSD P=.05						4.35	1.13	2.50	2.76
Standard Deviation						2.59	0.67	1.49	1.64
CV						2.62	47.88	1.5	1.66
Grand Mean						99.17	1.40	99.24	99.21
Bartlett's X2						0.052	4.178	3.955	4.389
P(Bartlett's X2)						0.975	0.524	0.683	0.624
Skewness						-3.1198*	1.6709*	-2.0402*	-1.9901*
Kurtosis						8.4289*	1.3259	3.0584*	2.4969*
Replicate F						0.619	1.000	0.560	0.820
Replicate Prob(F)						0.5462	0.3816	0.5782	0.4516
Treatment F						1.286	45.818	1.377	1.151
Treatment Prob(F)						0.2821	0.0001	0.2351	0.3655

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	AMBTR	CHEAL	AMARE	SIDSP
Pest Scientific Name	Ambrosia trifida	Chenopodium album	Amaranthus retrofractus	Sida spinosa
Pest Name	Giant ragweed	Common lambsquarters	Redroot pigweed	Prickly sida
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Crop Variety				
Description				
Part Rated				
Rating Date	6-18-2015	6-18-2015	6-18-2015	6-18-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	41 8	41 8	41 8	41 8
Plant-Eval Interval	42 DP-1	42 DP-1	42 DP-1	42 DP-1
Days After Emergence	34 DE-1	34 DE-1	34 DE-1	34 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Description	9	10	11	12
1	MON 63479	50 oz/a		B	EPO		71.7 a	92.7 bc	100.0 a	98.3 a
	1 Roundup Power Max	32 oz/a		B	EPO					
	1 N-pak ams	3 qt/a		B	EPO					
2	MON 63479	60 oz/a		B	EPO		76.7 a	91.7 bc	98.3 a	98.3 a
	2 Roundup Power Max	32 oz/a		B	EPO					
	2 N-pak ams	3 qt/a		B	EPO					
3	Prefix	32 oz/a		B	EPO		78.3 a	96.7 ab	98.3 a	100.0 a
	3 Roundup Power Max	32 oz/a		B	EPO					
	3 N-pak ams	3 qt/a		B	EPO					
4	Prefix	40 oz/a		B	EPO		75.0 a	90.0 c	99.3 a	97.7 a
	4 Roundup Power Max	32 oz/a		B	EPO					
	4 N-pak ams	3 qt/a		B	EPO					
5	MON 63479	50 oz/a		B	EPO		86.9 a	95.0 abc	97.7 a	97.7 a
	5 Roundup Power Max	32 oz/a		B	EPO					
	5 N-pak ams	3 qt/a		B	EPO					
	5 Succeed	0.3 qt/a		B	EPO					
6	Prefix	32 oz/a		B	EPO		76.7 a	96.0 ab	96.7 a	98.3 a
	6 Roundup Power Max	32 oz/a		B	EPO					
	6 N-pak ams	3 qt/a		B	EPO					
	6 Succeed	0.3 qt/a		B	EPO					
7	MON 63479	50 oz/a		B	EPO		83.3 a	95.0 abc	98.3 a	100.0 a
	7 Roundup Power Max	32 oz/a		B	EPO					
	7 N-pak ams	3 qt/a		B	EPO					
	7 Superb HC	0.3 qt/a		B	EPO					
8	Prefix	32 oz/a		B	EPO		78.3 a	96.0 ab	100.0 a	100.0 a
	8 Roundup Power Max	32 oz/a		B	EPO					
	8 N-pak ams	3 qt/a		B	EPO					
	8 Superb HC	0.3 qt/a		B	EPO					

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	AMBTR	CHEAL	AMARE	SIDSP					
Pest Scientific Name	Ambrosia trifi>	Chenopodium al>	Amaranthus ret>	Sida spinosa					
Pest Name	Giant ragweed	Common lambsqu>	Redroot pigweed	Prickly sida					
Crop Code									
BBCH Scale									
Crop Scientific Name									
Crop Name									
Crop Variety									
Description									
Part Rated									
Rating Date	6-18-2015	6-18-2015	6-18-2015	6-18-2015					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Days After First/Last Applic.	41 8	41 8	41 8	41 8					
Plant-Eval Interval	42 DP-1	42 DP-1	42 DP-1	42 DP-1					
Days After Emergence	34 DE-1	34 DE-1	34 DE-1	34 DE-1					
Trt Treatment	Other Rate	Other Rate	Appl Unit	Appl Code	Description	9	10	11	12
9 MON 63479	50 oz/a		A	PRE		80.0 a	100.0 a	100.0 a	100.0 a
9 Warrant	48 oz/a		C	POST 5" wds					
9 Roundup Power Max	32 oz/a		C	POST 5" wds					
9 N-pak ams	3 qt/a		C	POST 5" wds					
10 MON 63479	60 oz/a		A	PRE		80.0 a	100.0 a	100.0 a	100.0 a
10 Warrant	48 oz/a		C	POST 5" wds					
10 Roundup Power Max	32 oz/a		C	POST 5" wds					
10 N-pak ams	3 qt/a		C	POST 5" wds					
11 Prefix	32 oz/a		A	PRE		85.0 a	96.7 ab	100.0 a	100.0 a
11 Warrant	48 oz/a		C	POST 5" wds					
11 Roundup Power Max	32 oz/a		C	POST 5" wds					
11 N-pak ams	3 qt/a		C	POST 5" wds					
12 Rowel FX @ 4.5 oz						83.3 a	100.0 a	100.0 a	100.0 a
12 Valor SX	2.63 oz/a		A	PRE					
12 Classic	1.86 oz/a		A	PRE					
12 MON 63479	50 oz/a		C	POST 5" wds					
12 Roundup Power Max	32 oz/a		C	POST 5" wds					
12 N-pak ams	3 qt/a		C	POST 5" wds					
13 Fierce	3.75 oz/a		A	PRE		81.7 a	100.0 a	100.0 a	100.0 a
13 MON 63479	50 oz/a		C	POST 5" wds					
13 Roundup Power Max	32 oz/a		C	POST 5" wds					
13 N-pak ams	3 qt/a		C	POST 5" wds					
14 Warrant	48 oz/a		A	PRE		81.7 a	100.0 a	100.0 a	100.0 a
14 Tricor	5 oz/a		A	PRE					
14 MON 63479	50 oz/a		C	POST 5" wds					
14 Roundup Power Max	32 oz/a		C	POST 5" wds					
14 N-pak ams	3 qt/a		C	POST 5" wds					
LSD P=.05						11.05	5.20	2.90	2.77
Standard Deviation						6.57	3.10	1.73	1.65
CV						8.22	3.22	1.74	1.66
Grand Mean						79.89	96.40	99.19	99.31
Bartlett's X2						10.409	6.048	1.714	0.084
P(Bartlett's X2)						0.58	0.534	0.887	0.999
Skewness						0.0778	-0.9046*	-1.9256*	-2.2012*
Kurtosis						-1.214	-0.0863	1.9777*	3.2322*
Replicate F						3.372	0.248	0.725	0.793
Replicate Prob(F)						0.0505	0.7824	0.4937	0.4629
Treatment F						1.186	3.517	1.248	1.060
Treatment Prob(F)						0.3439	0.0031	0.3034	0.4307

Pest Type		W Weed	W Weed	W Weed
Pest Code		SETFA	ECHCG	AMBTR
Pest Scientific Name		Setaria faberi	Echinochloa cr	Ambrosia trifi>
Pest Name		Giant foxtail	Common barnyar>	Giant ragweed
Crop Code	GLXMA			
BBCH Scale	BSOY			
Crop Scientific Name	Glycine max			
Crop Name	Soybean			
Crop Variety	SCS 9363			
Description	RR			
Part Rated	PLANT C			
Rating Date	6-23-2015	6-23-2015	6-23-2015	6-23-2015
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	46 13	46 13	46 13	46 13
Plant-Eval Interval	47 DP-1	47 DP-1	47 DP-1	47 DP-1
Days After Emergence	39 DE-1	39 DE-1	39 DE-1	39 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Description	13	14	15	16
1	MON 63479	50 oz/a		B	EPO		0.0 a	98.0 a	99.3 a	70.0 d
	1 Roundup Power Max	32 oz/a		B	EPO					
	1 N-pak ams	3 qt/a		B	EPO					
2	MON 63479	60 oz/a		B	EPO		0.0 a	95.3 a	97.7 b	73.3 d
	2 Roundup Power Max	32 oz/a		B	EPO					
	2 N-pak ams	3 qt/a		B	EPO					
3	Prefix	32 oz/a		B	EPO		0.0 a	98.7 a	100.0 a	78.3 bcd
	3 Roundup Power Max	32 oz/a		B	EPO					
	3 N-pak ams	3 qt/a		B	EPO					
4	Prefix	40 oz/a		B	EPO		0.0 a	97.7 a	98.7 ab	76.7 cd
	4 Roundup Power Max	32 oz/a		B	EPO					
	4 N-pak ams	3 qt/a		B	EPO					
5	MON 63479	50 oz/a		B	EPO		0.0 a	95.0 a	100.0 a	90.0 abc
	5 Roundup Power Max	32 oz/a		B	EPO					
	5 N-pak ams	3 qt/a		B	EPO					
	5 Succeed	0.3 qt/a		B	EPO					
6	Prefix	32 oz/a		B	EPO		0.0 a	97.7 a	99.3 a	71.7 d
	6 Roundup Power Max	32 oz/a		B	EPO					
	6 N-pak ams	3 qt/a		B	EPO					
	6 Succeed	0.3 qt/a		B	EPO					
7	MON 63479	50 oz/a		B	EPO		0.0 a	97.0 a	99.3 a	78.3 bcd
	7 Roundup Power Max	32 oz/a		B	EPO					
	7 N-pak ams	3 qt/a		B	EPO					
	7 Superb HC	0.3 qt/a		B	EPO					
8	Prefix	32 oz/a		B	EPO		0.0 a	98.7 a	100.0 a	76.7 cd
	8 Roundup Power Max	32 oz/a		B	EPO					
	8 N-pak ams	3 qt/a		B	EPO					
	8 Superb HC	0.3 qt/a		B	EPO					

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Pest Type		W Weed	W Weed	W Weed
Pest Code		SETFA	ECHCG	AMBTR
Pest Scientific Name		Setaria faberi	Echinochloa cr>	Ambrosia trifi>
Pest Name		Giant foxtail	Common barnyar>	Giant ragweed
Crop Code	GLXMA			
BBCH Scale	BSOY			
Crop Scientific Name	Glycine max			
Crop Name	Soybean			
Crop Variety	SCS 9363			
Description	RR			
Part Rated	PLANT C			
Rating Date	6-23-2015	6-23-2015	6-23-2015	6-23-2015
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	46 13	46 13	46 13	46 13
Plant-Eval Interval	47 DP-1	47 DP-1	47 DP-1	47 DP-1
Days After Emergence	39 DE-1	39 DE-1	39 DE-1	39 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	13	14	15	16
9	MON 63479	50 oz/a		A	PRE	0.0 a	100.0 a	100.0 a	91.7 ab
9	Warrant	48 oz/a		C	POST 5" wds				
9	Roundup Power Max	32 oz/a		C	POST 5" wds				
9	N-pak ams	3 qt/a		C	POST 5" wds				
10	MON 63479	60 oz/a		A	PRE	0.0 a	100.0 a	100.0 a	90.0 abc
10	Warrant	48 oz/a		C	POST 5" wds				
10	Roundup Power Max	32 oz/a		C	POST 5" wds				
10	N-pak ams	3 qt/a		C	POST 5" wds				
11	Prefix	32 oz/a		A	PRE	0.0 a	100.0 a	100.0 a	96.7 a
11	Warrant	48 oz/a		C	POST 5" wds				
11	Roundup Power Max	32 oz/a		C	POST 5" wds				
11	N-pak ams	3 qt/a		C	POST 5" wds				
12	Rowel FX @ 4.5 oz					0.0 a	100.0 a	100.0 a	95.0 a
12	Valor SX	2.63 oz/a		A	PRE				
12	Classic	1.86 oz/a		A	PRE				
12	MON 63479	50 oz/a		C	POST 5" wds				
12	Roundup Power Max	32 oz/a		C	POST 5" wds				
12	N-pak ams	3 qt/a		C	POST 5" wds				
13	Fierce	3.75 oz/a		A	PRE	0.0 a	100.0 a	100.0 a	91.0 ab
13	MON 63479	50 oz/a		C	POST 5" wds				
13	Roundup Power Max	32 oz/a		C	POST 5" wds				
13	N-pak ams	3 qt/a		C	POST 5" wds				
14	Warrant	48 oz/a		A	PRE	0.0 a	100.0 a	100.0 a	95.0 a
14	Tricor	5 oz/a		A	PRE				
14	MON 63479	50 oz/a		C	POST 5" wds				
14	Roundup Power Max	32 oz/a		C	POST 5" wds				
14	N-pak ams	3 qt/a		C	POST 5" wds				
LSD P=.05						.	3.67	1.36	14.11
Standard Deviation						0.00	2.19	0.81	8.41
CV						0.0	2.22	0.81	10.02
Grand Mean						0.00	98.43	99.60	83.88
Bartlett's X2						0.0	7.246	2.346	6.485
P(Bartlett's X2)						.	0.299	0.672	0.773
Skewness						.	-2.1834*	-2.9286*	-0.5565
Kurtosis						.	5.073*	9.7624*	-1.0118
Replicate F						0.000	0.538	4.843	2.340
Replicate Prob(F)						1.0000	0.5901	0.0163	0.1163
Treatment F						0.000	1.916	2.210	3.968
Treatment Prob(F)						1.0000	0.0768	0.0413	0.0014

Pest Type	W Weed	W Weed	W Weed	
Pest Code	CHEAL	AMARE	SIDSP	
Pest Scientific Name	Chenopodium al	Amaranthus ret	Sida spinosa	
Pest Name	Common lambsqu	Redroot pigweed	Prickly sida	
Crop Code				GLXMA
BBCH Scale				BSOY
Crop Scientific Name				Glycine max
Crop Name				Soybean
Crop Variety				SCS 9363
Description				RR
Part Rated				PLANT C
Rating Date	6-23-2015	6-23-2015	6-23-2015	7-7-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	46 13	46 13	46 13	60 27
Plant-Eval Interval	47 DP-1	47 DP-1	47 DP-1	61 DP-1
Days After Emergence	39 DE-1	39 DE-1	39 DE-1	53 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Description	17	18	19	20
1	MON 63479	50 oz/a		B	EPO		93.3 bc	100.0 a	99.3 a	0.0 a
	1 Roundup Power Max	32 oz/a		B	EPO					
	1 N-pak ams	3 qt/a		B	EPO					
2	MON 63479	60 oz/a		B	EPO		91.7 c	100.0 a	98.3 a	0.0 a
	2 Roundup Power Max	32 oz/a		B	EPO					
	2 N-pak ams	3 qt/a		B	EPO					
3	Prefix	32 oz/a		B	EPO		95.0 abc	100.0 a	98.3 a	0.0 a
	3 Roundup Power Max	32 oz/a		B	EPO					
	3 N-pak ams	3 qt/a		B	EPO					
4	Prefix	40 oz/a		B	EPO		93.3 bc	98.3 ab	98.3 a	0.0 a
	4 Roundup Power Max	32 oz/a		B	EPO					
	4 N-pak ams	3 qt/a		B	EPO					
5	MON 63479	50 oz/a		B	EPO		95.0 abc	100.0 a	99.3 a	0.0 a
	5 Roundup Power Max	32 oz/a		B	EPO					
	5 N-pak ams	3 qt/a		B	EPO					
	5 Succeed	0.3 qt/a		B	EPO					
6	Prefix	32 oz/a		B	EPO		95.0 abc	96.7 b	96.7 a	0.0 a
	6 Roundup Power Max	32 oz/a		B	EPO					
	6 N-pak ams	3 qt/a		B	EPO					
	6 Succeed	0.3 qt/a		B	EPO					
7	MON 63479	50 oz/a		B	EPO		93.3 bc	100.0 a	96.7 a	0.0 a
	7 Roundup Power Max	32 oz/a		B	EPO					
	7 N-pak ams	3 qt/a		B	EPO					
	7 Superb HC	0.3 qt/a		B	EPO					
8	Prefix	32 oz/a		B	EPO		93.3 bc	100.0 a	99.3 a	0.0 a
	8 Roundup Power Max	32 oz/a		B	EPO					
	8 N-pak ams	3 qt/a		B	EPO					
	8 Superb HC	0.3 qt/a		B	EPO					

Pest Type	W Weed	W Weed	W Weed	
Pest Code	CHEAL	AMARE	SIDSP	
Pest Scientific Name	Chenopodium al>	Amaranthus ret>	Sida spinosa	
Pest Name	Common lambsqu>	Redroot pigweed	Prickly sida	
Crop Code				GLXMA
BBCH Scale				BSOY
Crop Scientific Name				Glycine max
Crop Name				Soybean
Crop Variety				SCS 9363
Description				RR
Part Rated				PLANT C
Rating Date	6-23-2015	6-23-2015	6-23-2015	7-7-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	46 13	46 13	46 13	60 27
Plant-Eval Interval	47 DP-1	47 DP-1	47 DP-1	61 DP-1
Days After Emergence	39 DE-1	39 DE-1	39 DE-1	53 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	17	18	19	20
9	MON 63479	50 oz/a		A	PRE	100.0 a	100.0 a	100.0 a	0.0 a
9	Warrant	48 oz/a		C	POST 5" wds				
9	Roundup Power Max	32 oz/a		C	POST 5" wds				
9	N-pak ams	3 qt/a		C	POST 5" wds				
10	MON 63479	60 oz/a		A	PRE	100.0 a	100.0 a	100.0 a	0.0 a
10	Warrant	48 oz/a		C	POST 5" wds				
10	Roundup Power Max	32 oz/a		C	POST 5" wds				
10	N-pak ams	3 qt/a		C	POST 5" wds				
11	Prefix	32 oz/a		A	PRE	98.3 ab	100.0 a	100.0 a	0.0 a
11	Warrant	48 oz/a		C	POST 5" wds				
11	Roundup Power Max	32 oz/a		C	POST 5" wds				
11	N-pak ams	3 qt/a		C	POST 5" wds				
12	Rowel FX @ 4.5 oz					100.0 a	100.0 a	100.0 a	0.0 a
12	Valor SX	2.63 oz/a		A	PRE				
12	Classic	1.86 oz/a		A	PRE				
12	MON 63479	50 oz/a		C	POST 5" wds				
12	Roundup Power Max	32 oz/a		C	POST 5" wds				
12	N-pak ams	3 qt/a		C	POST 5" wds				
13	Fierce	3.75 oz/a		A	PRE	100.0 a	100.0 a	100.0 a	0.0 a
13	MON 63479	50 oz/a		C	POST 5" wds				
13	Roundup Power Max	32 oz/a		C	POST 5" wds				
13	N-pak ams	3 qt/a		C	POST 5" wds				
14	Warrant	48 oz/a		A	PRE	100.0 a	100.0 a	100.0 a	0.0 a
14	Tricor	5 oz/a		A	PRE				
14	MON 63479	50 oz/a		C	POST 5" wds				
14	Roundup Power Max	32 oz/a		C	POST 5" wds				
14	N-pak ams	3 qt/a		C	POST 5" wds				
LSD P=.05						6.08	1.80	2.87	.
Standard Deviation						3.63	1.07	1.71	0.00
CV						3.76	1.07	1.72	0.0
Grand Mean						96.31	99.64	99.02	0.00
Bartlett's X2						2.816	0.0	4.518	0.0
P(Bartlett's X2)						0.945	.	0.718	.
Skewness						-0.7899*	-3.4528*	-1.6206*	.
Kurtosis						-0.4726	10.4158*	0.8705	.
Replicate F						0.317	1.560	2.652	0.000
Replicate Prob(F)						0.7311	0.2292	0.0895	1.0000
Treatment F						2.359	2.440	1.467	0.000
Treatment Prob(F)						0.0303	0.0256	0.1961	1.0000

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	ECHCG	AMBTR	CHEAL
Pest Scientific Name	Setaria faberi	Echinochloa cr>	Ambrosia trifi>	Chenopodium al>
Pest Name	Giant foxtail	Common barnyar>	Giant ragweed	Common lambsqu>
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Crop Variety				
Description				
Part Rated				
Rating Date	7-7-2015	7-7-2015	7-7-2015	7-7-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	60 27	60 27	60 27	60 27
Plant-Eval Interval	61 DP-1	61 DP-1	61 DP-1	61 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1	53 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Description	21	22	23	24
1	MON 63479	50 oz/a		B	EPO		100.0 a	100.0 a	88.3 cd	96.0 a
	1 Roundup Power Max	32 oz/a		B	EPO					
	1 N-pak ams	3 qt/a		B	EPO					
2	MON 63479	60 oz/a		B	EPO		100.0 a	98.3 a	91.7 bcd	98.3 a
	2 Roundup Power Max	32 oz/a		B	EPO					
	2 N-pak ams	3 qt/a		B	EPO					
3	Prefix	32 oz/a		B	EPO		100.0 a	100.0 a	92.0 a-d	100.0 a
	3 Roundup Power Max	32 oz/a		B	EPO					
	3 N-pak ams	3 qt/a		B	EPO					
4	Prefix	40 oz/a		B	EPO		98.7 b	100.0 a	93.3 abc	96.7 a
	4 Roundup Power Max	32 oz/a		B	EPO					
	4 N-pak ams	3 qt/a		B	EPO					
5	MON 63479	50 oz/a		B	EPO		99.3 ab	99.3 a	96.7 ab	96.7 a
	5 Roundup Power Max	32 oz/a		B	EPO					
	5 N-pak ams	3 qt/a		B	EPO					
	5 Succeed	0.3 qt/a		B	EPO					
6	Prefix	32 oz/a		B	EPO		100.0 a	100.0 a	85.0 d	96.7 a
	6 Roundup Power Max	32 oz/a		B	EPO					
	6 N-pak ams	3 qt/a		B	EPO					
	6 Succeed	0.3 qt/a		B	EPO					
7	MON 63479	50 oz/a		B	EPO		100.0 a	100.0 a	92.7 a-d	100.0 a
	7 Roundup Power Max	32 oz/a		B	EPO					
	7 N-pak ams	3 qt/a		B	EPO					
	7 Superb HC	0.3 qt/a		B	EPO					
8	Prefix	32 oz/a		B	EPO		100.0 a	100.0 a	91.7 bcd	98.3 a
	8 Roundup Power Max	32 oz/a		B	EPO					
	8 N-pak ams	3 qt/a		B	EPO					
	8 Superb HC	0.3 qt/a		B	EPO					

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	ECHCG	AMBTR	CHEAL
Pest Scientific Name	Setaria faberi	Echinochloa cr>	Ambrosia trifi>	Chenopodium al>
Pest Name	Giant foxtail	Common barnyar>	Giant ragweed	Common lambsqu>
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Crop Variety				
Description				
Part Rated				
Rating Date	7-7-2015	7-7-2015	7-7-2015	7-7-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	60 27	60 27	60 27	60 27
Plant-Eval Interval	61 DP-1	61 DP-1	61 DP-1	61 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1	53 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	21	22	23	24
9	MON 63479	50 oz/a			A	PRE	100.0 a	100.0 a	100.0 a	100.0 a
	9 Warrant	48 oz/a			C	POST 5" wds				
	9 Roundup Power Max	32 oz/a			C	POST 5" wds				
	9 N-pak ams	3 qt/a			C	POST 5" wds				
10	MON 63479	60 oz/a			A	PRE	100.0 a	100.0 a	98.3 ab	100.0 a
	10 Warrant	48 oz/a			C	POST 5" wds				
	10 Roundup Power Max	32 oz/a			C	POST 5" wds				
	10 N-pak ams	3 qt/a			C	POST 5" wds				
11	Prefix	32 oz/a			A	PRE	100.0 a	100.0 a	100.0 a	100.0 a
	11 Warrant	48 oz/a			C	POST 5" wds				
	11 Roundup Power Max	32 oz/a			C	POST 5" wds				
	11 N-pak ams	3 qt/a			C	POST 5" wds				
12	Rowel FX @ 4.5 oz						100.0 a	100.0 a	100.0 a	100.0 a
	12 Valor SX	2.63 oz/a			A	PRE				
	12 Classic	1.86 oz/a			A	PRE				
	12 MON 63479	50 oz/a			C	POST 5" wds				
	12 Roundup Power Max	32 oz/a			C	POST 5" wds				
	12 N-pak ams	3 qt/a			C	POST 5" wds				
13	Fierce	3.75 oz/a			A	PRE	100.0 a	100.0 a	99.3 ab	100.0 a
	13 MON 63479	50 oz/a			C	POST 5" wds				
	13 Roundup Power Max	32 oz/a			C	POST 5" wds				
	13 N-pak ams	3 qt/a			C	POST 5" wds				
14	Warrant	48 oz/a			A	PRE	100.0 a	100.0 a	98.3 ab	100.0 a
	14 Tricor	5 oz/a			A	PRE				
	14 MON 63479	50 oz/a			C	POST 5" wds				
	14 Roundup Power Max	32 oz/a			C	POST 5" wds				
	14 N-pak ams	3 qt/a			C	POST 5" wds				
	LSD P=.05						0.72	1.41	8.04	4.72
	Standard Deviation						0.43	0.84	4.79	2.81
	CV						0.43	0.84	5.05	2.85
	Grand Mean						99.86	99.83	94.81	98.76
	Bartlett's X2						0.0	1.46	9.481	2.341
	P(Bartlett's X2)						.	0.227	0.487	0.80
	Skewness						-3.4528*	-5.4435*	-0.8913*	-2.3277*
	Kurtosis						10.4158*	30.8989*	-0.2702	4.4063*
	Replicate F						1.560	0.638	0.455	2.135
	Replicate Prob(F)						0.2292	0.5363	0.6393	0.1385
	Treatment F						2.440	0.922	3.036	0.976
	Treatment Prob(F)						0.0256	0.5443	0.0077	0.4987

Pest Type	W Weed	W Weed
Pest Code	AMARE	SIDSP
Pest Scientific Name	Amaranthus ret>	Sida spinosa
Pest Name	Redroot pigweed	Prickly sida
Crop Code		
BBCH Scale		
Crop Scientific Name		
Crop Name		
Crop Variety		
Description		
Part Rated		
Rating Date	7-7-2015	7-7-2015
Rating Type	CONTRO	CONTRO
Rating Unit	%	%
Number of Subsamples	1	1
Days After First/Last Applic.	60 27	60 27
Plant-Eval Interval	61 DP-1	61 DP-1
Days After Emergence	53 DE-1	53 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	25	26
1	MON 63479	50 oz/a		B	EPO		100.0 a	100.0 a
	1 Roundup Power Max	32 oz/a		B	EPO			
	1 N-pak ams	3 qt/a		B	EPO			
2	MON 63479	60 oz/a		B	EPO		100.0 a	100.0 a
	2 Roundup Power Max	32 oz/a		B	EPO			
	2 N-pak ams	3 qt/a		B	EPO			
3	Prefix	32 oz/a		B	EPO		100.0 a	100.0 a
	3 Roundup Power Max	32 oz/a		B	EPO			
	3 N-pak ams	3 qt/a		B	EPO			
4	Prefix	40 oz/a		B	EPO		100.0 a	100.0 a
	4 Roundup Power Max	32 oz/a		B	EPO			
	4 N-pak ams	3 qt/a		B	EPO			
5	MON 63479	50 oz/a		B	EPO		100.0 a	100.0 a
	5 Roundup Power Max	32 oz/a		B	EPO			
	5 N-pak ams	3 qt/a		B	EPO			
	5 Succeed	0.3 qt/a		B	EPO			
6	Prefix	32 oz/a		B	EPO		100.0 a	100.0 a
	6 Roundup Power Max	32 oz/a		B	EPO			
	6 N-pak ams	3 qt/a		B	EPO			
	6 Succeed	0.3 qt/a		B	EPO			
7	MON 63479	50 oz/a		B	EPO		100.0 a	100.0 a
	7 Roundup Power Max	32 oz/a		B	EPO			
	7 N-pak ams	3 qt/a		B	EPO			
	7 Superb HC	0.3 qt/a		B	EPO			
8	Prefix	32 oz/a		B	EPO		100.0 a	100.0 a
	8 Roundup Power Max	32 oz/a		B	EPO			
	8 N-pak ams	3 qt/a		B	EPO			
	8 Superb HC	0.3 qt/a		B	EPO			

Pest Type	W Weed	W Weed
Pest Code	AMARE	SIDSP
Pest Scientific Name	Amaranthus ret>	Sida spinosa
Pest Name	Redroot pigweed	Prickly sida
Crop Code		
BBCH Scale		
Crop Scientific Name		
Crop Name		
Crop Variety		
Description		
Part Rated		
Rating Date	7-7-2015	7-7-2015
Rating Type	CONTRO	CONTRO
Rating Unit	%	%
Number of Subsamples	1	1
Days After First/Last Applic.	60 27	60 27
Plant-Eval Interval	61 DP-1	61 DP-1
Days After Emergence	53 DE-1	53 DE-1

Trt No.	Treatment Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	25	26
9	MON 63479	50 oz/a			A	PRE	100.0 a	100.0 a
9	Warrant	48 oz/a			C	POST 5" wds		
9	Roundup Power Max	32 oz/a			C	POST 5" wds		
9	N-pak ams	3 qt/a			C	POST 5" wds		
10	MON 63479	60 oz/a			A	PRE	100.0 a	100.0 a
10	Warrant	48 oz/a			C	POST 5" wds		
10	Roundup Power Max	32 oz/a			C	POST 5" wds		
10	N-pak ams	3 qt/a			C	POST 5" wds		
11	Prefix	32 oz/a			A	PRE	100.0 a	100.0 a
11	Warrant	48 oz/a			C	POST 5" wds		
11	Roundup Power Max	32 oz/a			C	POST 5" wds		
11	N-pak ams	3 qt/a			C	POST 5" wds		
12	Rowel FX @ 4.5 oz						100.0 a	100.0 a
12	Valor SX	2.63 oz/a			A	PRE		
12	Classic	1.86 oz/a			A	PRE		
12	MON 63479	50 oz/a			C	POST 5" wds		
12	Roundup Power Max	32 oz/a			C	POST 5" wds		
12	N-pak ams	3 qt/a			C	POST 5" wds		
13	Fierce	3.75 oz/a			A	PRE	100.0 a	100.0 a
13	MON 63479	50 oz/a			C	POST 5" wds		
13	Roundup Power Max	32 oz/a			C	POST 5" wds		
13	N-pak ams	3 qt/a			C	POST 5" wds		
14	Warrant	48 oz/a			A	PRE	100.0 a	100.0 a
14	Tricor	5 oz/a			A	PRE		
14	MON 63479	50 oz/a			C	POST 5" wds		
14	Roundup Power Max	32 oz/a			C	POST 5" wds		
14	N-pak ams	3 qt/a			C	POST 5" wds		
LSD	P=.05						.	.
Standard Deviation							0.00	0.00
CV							0.0	0.0
Grand Mean							100.00	100.00
Bartlett's X2							0.0	0.0
P(Bartlett's X2)							.	.
Skewness							.	.
Kurtosis							.	.
Replicate F							0.000	0.000
Replicate Prob(F)							1.0000	1.0000
Treatment F							0.000	0.000
Treatment Prob(F)							1.0000	1.0000

