

The Ohio State University

Application Description

	A	B	C
Application Date:	4/9/2014	5/6/2014	6/15/2014
Appl. Start Time:	12:00	7:00 AM	8:00 AM
Appl. Stop Time:	12:45 PM	7:45 AM	
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	21 EPP	ATPL	POST
Application Placement:	BROSOI	BROSOI	BROFOL
Applied By:	Reeb/Dobbel	DOBBELS	
Air Temperature, Unit:	52.5 F	46 F	63 F
% Relative Humidity:	72	72	69
Wind Velocity, Unit:	2 MPH	6 MPH	2.7 MPH
Wind Direction:	NW	ENE	SSW
Dew Presence (Y/N):	N no	N no	N no
Soil Temperature, Unit:	54 F	44 F	58 F
Soil Moisture:	WET	MOIST	SLIDRY
% Cloud Cover:	2	10	1
Next Moisture Occurred On:	4/11/2014	5/10/2014	6/17/2014
Time to Next Moisture, Unit:	2 DAY	4 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
Stage Majority, Percent:			15 100
Height, Unit:			8 IN
Height Minimum, Maximum:			8 9

Pest Stage At Each Application

	A	B	C
Pest 1 Code, Type, Scale:	LAMPU W	LAMPU W	LAMPU W
Stage Majority, Percent:	19 100	65 100	
Diameter, Unit:	2.5 IN	3 IN	
Height, Unit:	1 IN	2 IN	
Height Minimum, Maximum:	1 1.5	1 3	
Density, Unit:	6.33 M2		
Pest 2 Code, Type, Scale:	ERYRE W	ERYRE W	ERYRE W
Stage Majority, Percent:	19 100	65 100	
Diameter, Unit:	2.5 IN		
Height, Unit:	1 IN	10 IN	
Height Minimum, Maximum:	1 1.5	6 13	
Density, Unit:	18.33 M2		
Pest 3 Code, Type, Scale:	LEPCA W	LEPCA W	LEPCA W
Stage Majority, Percent:	19 100	65 100	
Diameter, Unit:	3.5 IN		
Height, Unit:	3 IN	12 IN	
Height Minimum, Maximum:	2 3	10 15	
Pest 4 Code, Type, Scale:	STEME W	STEME W	STEME W
Stage Majority, Percent:	19 100		
Diameter, Unit:	2 IN		
Height, Unit:	1 IN		
Height Minimum, Maximum:	1 1.5		
Density, Unit:	0.33 M2		
Pest 5 Code, Type, Scale:	ERICA W	ERICA W	ERICA W
Stage Majority, Percent:	19 100		17
Diameter, Unit:	2 IN		
Height, Unit:	1 IN		8 IN
Height Minimum, Maximum:	1 1.5		8 10
Pest 6 Code, Type, Scale:	TAROF W	TAROF W	TAROF W
Stage Majority, Percent:		65 100	
Diameter, Unit:		5 IN	
Height, Unit:		5 IN	
Height Minimum, Maximum:		4 6	
Pest 7 Code, Type, Scale:	AMBTR W	AMBTR W	AMBTR W
Stage Majority, Percent:		14 100	19
Height, Unit:		2 IN	8 IN
Height Minimum, Maximum:		1 2	8 10
Pest 8 Code, Type, Scale:	CAPBP W	CAPBP W	CAPBP W
Density, Unit:	3.66 M2		
Pest 9 Code, Type, Scale:	STEME W	STEME W	STEME W
Pest10 Code, Type, Scale:	SETFA W	SETFA W	SETFA W
Height, Unit:			7 IN
Pest11 Code, Type, Scale:	IPOHE W	IPOHE W	IPOHE W
Stage Majority, Percent:			12
Height, Unit:			3 IN
Pest12 Code, Type, Scale:	POLPY W	POLPY W	POLPY W
Stage Majority, Percent:			19
Height, Unit:			6 IN
Height Minimum, Maximum:			6 8

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	Application Equipment		
	A	B	C
Appl. Equipment:	6' BACKPACK	6' BACKPACK	TRACTOR SPRA
Equipment Type:	BACCAI	BACCAI	TRMOSP
Operation Pressure, Unit:	50 PSI	50 PSI	28 PSI
Nozzle Type:	AIXR	AIXR	AI 11002
Nozzle Size:	11015	11015	20 GPA
Nozzle Spacing, Unit:	18 IN	18 IN	20 IN
Nozzles/Row:	4	4	
Boom Length, Unit:	6.67 FT	6.67 FT	20 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	1 liters	20 Gallons
Propellant:	COMCO2	COMCO2	PUMROL

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Evaluate burndown applications of Trivence for crop response and weed control in no-till soybeans

Trial ID: 14 TRIVENCEBURN Location: Western Branch Trial Year: 2014
 Protocol ID: 14 TRIVENCEBURN Investigator: Dr. Mark M. Loux
 Project ID: US 117-14-01 Study Director: Bryan Reeb
 Sponsor Contact: Marsha Martin, DuPont

	W Weed LAMPU Lamium purpure> Purple deadnet>	W Weed STEME Stellaria media Common chickwe>	W Weed VERAG Veronica agres> Field speedwell
Pest Type			
Pest Code			
Pest Scientific Name			
Pest Name			
Crop Code	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean
Rating Date	5/1/2014	5/1/2014	5/1/2014
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	22 22	22 22	22 22
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A
Plant-Eval Interval	-4 DP-1	-4 DP-1	-4 DP-1
Days After Emergence	-14 DE-1	-14 DE-1	-14 DE-1
Number of Decimals	0	0	0

Trt Treatment No. Name	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	1	2	3
1 Canopy EX @ 1.5 oz							98	100	100
1 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A			
1 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A			
1 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
1 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
1 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
1 Envive @ 3.5 oz									
1 Valor SX	0.0625 lb ai/a		1.96 oz/a		ATPL	B			
1 Classic	0.02 lb ai/a		1.28 oz/a		ATPL	B			
1 Thifensulfuron	0.0065 lb ai/a		0.208 oz/a		ATPL	B			
1 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
1 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
1 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
1 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			
2 Canopy EX @ 1.5 oz							95	100	93
2 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A			
2 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A			
2 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
2 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
2 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
2 Canopy	0.188 lb ai/a		4 oz/a		ATPL	B			
2 Cinch	0.955 lb ai/a		1 pt/a		ATPL	B			
2 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
2 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
2 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
2 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			
3 Canopy EX @ 1.5 oz							100	100	100
3 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A			
3 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A			
3 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
3 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
3 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
3 Trivence @ 8 oz									
3 Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B			
3 Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B			
3 Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B			
3 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
3 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
3 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
3 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			

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Pest Type	W Weed	W Weed	W Weed
Pest Code	LAMPU	STEME	VERAG
Pest Scientific Name	Lamium purpure>	Stellaria media	Veronica agres>
Pest Name	Purple deadnet>	Common chickwe>	Field speedwell
Crop Code	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean
Rating Date	5/1/2014	5/1/2014	5/1/2014
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	22 22	22 22	22 22
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A
Plant-Eval Interval	-4 DP-1	-4 DP-1	-4 DP-1
Days After Emergence	-14 DE-1	-14 DE-1	-14 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	1	2	3
4	Envive @ 3.5 oz							100	100	100
4	Valor SX	0.0625 lb ai/a	ai/a	1.96 oz/a	oz/a	21 EPP	A			
4	Classic	0.02 lb ai/a	ai/a	1.28 oz/a	oz/a	21 EPP	A			
4	Thifensulfuron	0.0065 lb ai/a	ai/a	0.208 oz/a	oz/a	21 EPP	A			
4	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A			
4	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A			
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A			
4	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B			
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B			
4	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C			
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C			
5	Canopy	0.188 lb ai/a	ai/a	4 oz/a	oz/a	21 EPP	A	100	100	97
5	Cinch	0.955 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A			
5	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A			
5	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A			
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A			
5	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B			
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B			
5	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C			
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C			
6	Trivence @ 8 oz							99	100	100
6	Classic	0.0195 lb ai/a	ai/a	1.25 oz/a	oz/a	21 EPP	A			
6	Valor SX	0.064 lb ai/a	ai/a	2 oz/a	oz/a	21 EPP	A			
6	Sencor DF	0.223 lb ai/a	ai/a	4.76 oz/a	oz/a	21 EPP	A			
6	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A			
6	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A			
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A			
6	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B			
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B			
6	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C			
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C			
7	Boundary	1.22 lb ai/a	ai/a	1.5 pt/a	pt/a	21 EPP	A	100	100	100
7	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A			
7	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A			
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A			
7	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B			
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B			
7	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C			
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C			
8	Fierce	0.143 lb ai/a	ai/a	3 oz/a	oz/a	21 EPP	A	100	100	100
8	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A			
8	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A			
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A			
8	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B			
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B			
8	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C			
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C			

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Pest Type	W Weed	W Weed	W Weed
Pest Code	LAMPU	STEME	VERAG
Pest Scientific Name	Lamium purpure>	Stellaria media	Veronica agres>
Pest Name	Purple deadnet>	Common chickwe>	Field speedwell
Crop Code	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean
Rating Date	5/1/2014	5/1/2014	5/1/2014
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	22 22	22 22	22 22
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A
Plant-Eval Interval	-4 DP-1	-4 DP-1	-4 DP-1
Days After Emergence	-14 DE-1	-14 DE-1	-14 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	1	2	3
9	Canopy EX @ 1.1 oz							100	100	100
9	Classic	0.0156 lb ai/a		1 oz/a		21 EPP	A			
9	Express	0.0047 lb ai/a		0.15 oz/a		21 EPP	A			
9	Sencor DF	0.188 lb ai/a		4 oz/a		21 EPP	A			
9	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
9	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
9	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
9	Trivence @ 8 oz									
9	Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B			
9	Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B			
9	Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B			
9	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
9	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
9	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
9	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			
10	UTC							0	0	0
10	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
10	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
	LSD (P=.05)							1.7	0.0	3.6
	Standard Deviation							1.0	0.0	2.1
	CV							1.12	0.0	2.34
	Bartlett's X2							1.45	0.0	0.871
	P(Bartlett's X2)							0.229	.	0.351
	Replicate F							0.631	0.000	0.574
	Replicate Prob(F)							0.5434	1.0000	0.5730
	Treatment F							2947.808	0.000	677.532
	Treatment Prob(F)							0.0001	1.0000	0.0001

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	ERYRE	AMBTR	LAMPU
Pest Scientific Name	Conyza canadensis	Erysimum repens	Ambrosia trifida	Lamium purpureum
Pest Name	Canada horseweed	Bushy wallflower	Giant ragweed	Purple deadnettle
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	5/1/2014	5/1/2014	5/1/2014	5/20/2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	22 22	22 22	22 22	41 14
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A	22 DA-A
Plant-Eval Interval	-4 DP-1	-4 DP-1	-4 DP-1	15 DP-1
Days After Emergence	-14 DE-1	-14 DE-1	-14 DE-1	5 DE-1
Number of Decimals	0	0	0	0

Trt Treatment	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	4	5	6	7
1 Canopy EX @ 1.5 oz							100	98	87	100
1 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A				
1 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A				
1 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A				
1 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A				
1 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A				
1 Envive @ 3.5 oz										
1 Valor SX	0.0625 lb ai/a		1.96 oz/a		ATPL	B				
1 Classic	0.02 lb ai/a		1.28 oz/a		ATPL	B				
1 Thifensulfuron	0.0065 lb ai/a		0.208 oz/a		ATPL	B				
1 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
1 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
1 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C				
1 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C				
2 Canopy EX @ 1.5 oz							100	92	88	100
2 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A				
2 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A				
2 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A				
2 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A				
2 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A				
2 Canopy	0.188 lb ai/a		4 oz/a		ATPL	B				
2 Cinch	0.955 lb ai/a		1 pt/a		ATPL	B				
2 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
2 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
2 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C				
2 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C				
3 Canopy EX @ 1.5 oz							100	100	87	100
3 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A				
3 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A				
3 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A				
3 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A				
3 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A				
3 Trivence @ 8 oz										
3 Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B				
3 Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B				
3 Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B				
3 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
3 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
3 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C				
3 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	ERYRE	AMBTR	LAMPU
Pest Scientific Name	Conyza canadensis	Erysimum repandum	Ambrosia trifida	Lamium purpureum
Pest Name	Canada horseweed	Bushy wallflower	Giant ragweed	Purple deadnettle
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	5/1/2014	5/1/2014	5/1/2014	5/20/2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	22 22	22 22	22 22	41 14
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A	22 DA-A
Plant-Eval Interval	-4 DP-1	-4 DP-1	-4 DP-1	15 DP-1
Days After Emergence	-14 DE-1	-14 DE-1	-14 DE-1	5 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	4	5	6	7
4	Envive @ 3.5 oz							100	100	90	100
4	Valor SX	0.0625 lb ai/a	ai/a	1.96 oz/a	oz/a	21 EPP	A				
4	Classic	0.02 lb ai/a	ai/a	1.28 oz/a	oz/a	21 EPP	A				
4	Thifensulfuron	0.0065 lb ai/a	ai/a	0.208 oz/a	oz/a	21 EPP	A				
4	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
4	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
4	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
4	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
5	Canopy	0.188 lb ai/a	ai/a	4 oz/a	oz/a	21 EPP	A	100	100	90	100
5	Cinch	0.955 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
5	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
5	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
5	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
5	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
6	Trivence @ 8 oz							100	100	99	100
6	Classic	0.0195 lb ai/a	ai/a	1.25 oz/a	oz/a	21 EPP	A				
6	Valor SX	0.064 lb ai/a	ai/a	2 oz/a	oz/a	21 EPP	A				
6	Sencor DF	0.223 lb ai/a	ai/a	4.76 oz/a	oz/a	21 EPP	A				
6	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
6	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
6	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
6	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
7	Boundary	1.22 lb ai/a	ai/a	1.5 pt/a	pt/a	21 EPP	A	100	92	83	100
7	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
7	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
7	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
7	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
8	Fierce	0.143 lb ai/a	ai/a	3 oz/a	oz/a	21 EPP	A	100	100	90	100
8	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
8	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
8	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
8	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	ERYRE	AMBTR	LAMPU
Pest Scientific Name	Conyza canadens>	Erysimum repans>	Ambrosia trifid>	Lamium purpure>
Pest Name	Canada horsewe>	Bushy wallflow>	Giant ragweed	Purple deadnet>
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	5/1/2014	5/1/2014	5/1/2014	5/20/2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	22 22	22 22	22 22	41 14
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A	22 DA-A
Plant-Eval Interval	-4 DP-1	-4 DP-1	-4 DP-1	15 DP-1
Days After Emergence	-14 DE-1	-14 DE-1	-14 DE-1	5 DE-1
Number of Decimals	0	0	0	0

Trt No. Name	Treatment	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	4	5	6	7
9	Canopy EX @ 1.1 oz							100	100	100	100
9	Classic	0.0156 lb ai/a		1 oz/a		21 EPP	A				
9	Express	0.0047 lb ai/a		0.15 oz/a		21 EPP	A				
9	Sencor DF	0.188 lb ai/a		4 oz/a		21 EPP	A				
9	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A				
9	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A				
9	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A				
9	Trivence @ 8 oz										
9	Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B				
9	Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B				
9	Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B				
9	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
9	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
9	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C				
9	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C				
10	UTC							0	0	0	100
10	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
10	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
LSD (P=.05)								0.0	6.0	27.5	0.0
Standard Deviation								0.0	3.5	16.0	0.0
CV								0.0	3.95	19.7	0.0
Bartlett's X2								0.0	1.793	9.301	0.0
P(Bartlett's X2)								.	0.408	0.232	.
Replicate F								0.000	1.305	3.467	0.000
Replicate Prob(F)								1.0000	0.2955	0.0532	1.0000
Treatment F								0.000	240.221	9.870	0.000
Treatment Prob(F)								1.0000	0.0001	0.0001	1.0000

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Pest Type	W Weed	W Weed	W Weed
Pest Code	STEME	VERAG	ERICA
Pest Scientific Name	Stellaria media	Veronica agres	Conyza canaden
Pest Name	Common chickwe	Field speedwell	Canada horsewe
Crop Code	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean
Rating Date	5/20/2014	5/20/2014	5/20/2014
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	41 14	41 14	41 14
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A
Plant-Eval Interval	15 DP-1	15 DP-1	15 DP-1
Days After Emergence	5 DE-1	5 DE-1	5 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	8	9	10
1	Canopy EX @ 1.5 oz							100	100	100
1	Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A			
1	Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A			
1	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
1	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
1	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
1	Envive @ 3.5 oz									
1	Valor SX	0.0625 lb ai/a		1.96 oz/a		ATPL	B			
1	Classic	0.02 lb ai/a		1.28 oz/a		ATPL	B			
1	Thifensulfuron	0.0065 lb ai/a		0.208 oz/a		ATPL	B			
1	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
1	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
1	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
1	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			
2	Canopy EX @ 1.5 oz							100	100	100
2	Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A			
2	Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A			
2	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
2	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
2	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
2	Canopy	0.188 lb ai/a		4 oz/a		ATPL	B			
2	Cinch	0.955 lb ai/a		1 pt/a		ATPL	B			
2	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
2	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
2	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
2	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			
3	Canopy EX @ 1.5 oz							100	100	100
3	Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A			
3	Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A			
3	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
3	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
3	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
3	Trivence @ 8 oz									
3	Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B			
3	Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B			
3	Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B			
3	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
3	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
3	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
3	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			

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Pest Type	W Weed	W Weed	W Weed
Pest Code	STEME	VERAG	ERICA
Pest Scientific Name	Stellaria media	Veronica agres>	Conyza canaden>
Pest Name	Common chickwe>	Field speedwell	Canada horsewe>
Crop Code	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean
Rating Date	5/20/2014	5/20/2014	5/20/2014
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	41 14	41 14	41 14
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A
Plant-Eval Interval	15 DP-1	15 DP-1	15 DP-1
Days After Emergence	5 DE-1	5 DE-1	5 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	8	9	10
4	Envive @ 3.5 oz							100	100	100
4	Valor SX	0.0625 lb ai/a		1.96 oz/a		21 EPP	A			
4	Classic	0.02 lb ai/a		1.28 oz/a		21 EPP	A			
4	Thifensulfuron	0.0065 lb ai/a		0.208 oz/a		21 EPP	A			
4	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
4	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
4	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
4	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
4	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
4	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
4	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			
5	Canopy	0.188 lb ai/a		4 oz/a		21 EPP	A	100	100	100
5	Cinch	0.955 lb ai/a		1 pt/a		21 EPP	A			
5	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
5	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
5	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
5	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
5	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
5	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
5	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			
6	Trivence @ 8 oz							100	100	100
6	Classic	0.0195 lb ai/a		1.25 oz/a		21 EPP	A			
6	Valor SX	0.064 lb ai/a		2 oz/a		21 EPP	A			
6	Sencor DF	0.223 lb ai/a		4.76 oz/a		21 EPP	A			
6	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
6	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
6	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
6	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
6	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
6	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
6	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			
7	Boundary	1.22 lb ai/a		1.5 pt/a		21 EPP	A	100	100	100
7	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
7	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
7	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
7	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
7	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
7	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
7	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			
8	Fierce	0.143 lb ai/a		3 oz/a		21 EPP	A	100	100	100
8	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
8	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
8	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
8	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
8	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
8	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
8	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			

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Pest Type	W Weed	W Weed	W Weed
Pest Code	STEME	VERAG	ERICA
Pest Scientific Name	Stellaria media	Veronica agres>	Conyza canadens>
Pest Name	Common chickwe>	Field speedwell	Canada horsewe>
Crop Code	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean
Rating Date	5/20/2014	5/20/2014	5/20/2014
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	41 14	41 14	41 14
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A
Plant-Eval Interval	15 DP-1	15 DP-1	15 DP-1
Days After Emergence	5 DE-1	5 DE-1	5 DE-1
Number of Decimals	0	0	0

Trt No. Name	Treatment	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	8	9	10
9	Canopy EX @ 1.1 oz							100	100	100
9	Classic	0.0156 lb ai/a		1 oz/a		21 EPP	A			
9	Express	0.0047 lb ai/a		0.15 oz/a		21 EPP	A			
9	Sencor DF	0.188 lb ai/a		4 oz/a		21 EPP	A			
9	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A			
9	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A			
9	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A			
9	Trivence @ 8 oz									
9	Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B			
9	Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B			
9	Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B			
9	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
9	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
9	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C			
9	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C			
10	UTC							100	100	100
10	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B			
10	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B			
LSD (P=.05)								0.0	0.0	0.0
Standard Deviation								0.0	0.0	0.0
CV								0.0	0.0	0.0
Bartlett's X2								0.0	0.0	0.0
P(Bartlett's X2)								.	.	.
Replicate F								0.000	0.000	0.000
Replicate Prob(F)								1.0000	1.0000	1.0000
Treatment F								0.000	0.000	0.000
Treatment Prob(F)								1.0000	1.0000	1.0000

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Pest Type	W Weed	W Weed	W Weed	
Pest Code	ERYRE	SETFA	AMBTR	
Pest Scientific Name	Erysimum repan>	Setaria faberi	Ambrosia trifi>	
Pest Name	Bushy wallflow>	Giant foxtail	Giant ragweed	
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	5/20/2014	5/20/2014	5/20/2014	6/3/2014
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	41 14	41 14	41 14	55 28
Trt-Eval Interval	22 DA-A			
Plant-Eval Interval	15 DP-1	15 DP-1	15 DP-1	29 DP-1
Days After Emergence	5 DE-1	5 DE-1	5 DE-1	19 DE-1
Number of Decimals	0	0	0	0

Trt Treatment	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	11	12	13	14
1 Canopy EX @ 1.5 oz							100	100	97	6
1 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A				
1 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A				
1 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A				
1 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A				
1 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A				
1 Envive @ 3.5 oz										
1 Valor SX	0.0625 lb ai/a		1.96 oz/a		ATPL	B				
1 Classic	0.02 lb ai/a		1.28 oz/a		ATPL	B				
1 Thifensulfuron	0.0065 lb ai/a		0.208 oz/a		ATPL	B				
1 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
1 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
1 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C				
1 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C				
2 Canopy EX @ 1.5 oz							100	100	97	8
2 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A				
2 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A				
2 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A				
2 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A				
2 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A				
2 Canopy	0.188 lb ai/a		4 oz/a		ATPL	B				
2 Cinch	0.955 lb ai/a		1 pt/a		ATPL	B				
2 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
2 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
2 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C				
2 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C				
3 Canopy EX @ 1.5 oz							100	100	95	7
3 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A				
3 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A				
3 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A				
3 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A				
3 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A				
3 Trivence @ 8 oz										
3 Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B				
3 Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B				
3 Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B				
3 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
3 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
3 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C				
3 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C				

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Pest Type	W Weed	W Weed	W Weed	
Pest Code	ERYRE	SETFA	AMBTR	
Pest Scientific Name	Erysimum repan>	Setaria faberi	Ambrosia trifid>	
Pest Name	Bushy wallflow>	Giant foxtail	Giant ragweed	
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	5/20/2014	5/20/2014	5/20/2014	6/3/2014
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	41 14	41 14	41 14	55 28
Trt-Eval Interval	22 DA-A			
Plant-Eval Interval	15 DP-1	15 DP-1	15 DP-1	29 DP-1
Days After Emergence	5 DE-1	5 DE-1	5 DE-1	19 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	11	12	13	14
4	Envive @ 3.5 oz							100	100	98	2
4	Valor SX	0.0625 lb ai/a	ai/a	1.96 oz/a	oz/a	21 EPP	A				
4	Classic	0.02 lb ai/a	ai/a	1.28 oz/a	oz/a	21 EPP	A				
4	Thifensulfuron	0.0065 lb ai/a	ai/a	0.208 oz/a	oz/a	21 EPP	A				
4	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
4	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
4	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
4	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
5	Canopy	0.188 lb ai/a	ai/a	4 oz/a	oz/a	21 EPP	A	100	100	100	2
5	Cinch	0.955 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
5	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
5	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
5	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
5	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
6	Trivence @ 8 oz							100	100	100	2
6	Classic	0.0195 lb ai/a	ai/a	1.25 oz/a	oz/a	21 EPP	A				
6	Valor SX	0.064 lb ai/a	ai/a	2 oz/a	oz/a	21 EPP	A				
6	Sencor DF	0.223 lb ai/a	ai/a	4.76 oz/a	oz/a	21 EPP	A				
6	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
6	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
6	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
6	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
7	Boundary	1.22 lb ai/a	ai/a	1.5 pt/a	pt/a	21 EPP	A	100	100	83	0
7	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
7	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
7	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
7	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
8	Fierce	0.143 lb ai/a	ai/a	3 oz/a	oz/a	21 EPP	A	100	100	97	0
8	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
8	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
8	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
8	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				

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Pest Type	W Weed	W Weed	W Weed	
Pest Code	ERYRE	SETFA	AMBTR	
Pest Scientific Name	Erysimum repan>	Setaria faberi	Ambrosia trifi>	
Pest Name	Bushy wallflow>	Giant foxtail	Giant ragweed	
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	5/20/2014	5/20/2014	5/20/2014	6/3/2014
Rating Type	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	41 14	41 14	41 14	55 28
Trt-Eval Interval	22 DA-A			
Plant-Eval Interval	15 DP-1	15 DP-1	15 DP-1	29 DP-1
Days After Emergence	5 DE-1	5 DE-1	5 DE-1	19 DE-1
Number of Decimals	0	0	0	0

Trt No. Name	Treatment	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	11	12	13	14
9	Canopy EX @ 1.1 oz							100	100	100	7
9	Classic	0.0156 lb ai/a		1 oz/a		21 EPP	A				
9	Express	0.0047 lb ai/a		0.15 oz/a		21 EPP	A				
9	Sencor DF	0.188 lb ai/a		4 oz/a		21 EPP	A				
9	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A				
9	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A				
9	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A				
9	Trivence @ 8 oz										
9	Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B				
9	Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B				
9	Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B				
9	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
9	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
9	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C				
9	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C				
10	UTC							100	100	100	0
10	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
10	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
LSD (P=.05)								0.0	0.0	17.3	3.7
Standard Deviation								0.0	0.0	10.1	2.1
CV								0.0	0.0	10.42	63.71
Bartlett's X2								0.0	0.0	12.964	1.209
P(Bartlett's X2)								.	.	0.024*	0.976
Replicate F								0.000	0.000	1.018	9.768
Replicate Prob(F)								1.0000	1.0000	0.3811	0.0013
Treatment F								0.000	0.000	0.748	7.060
Treatment Prob(F)								1.0000	1.0000	0.6626	0.0002

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	SETFA	AMBTR	AMBEL	ERICA							
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Ambrosia artem>	Conyza canadens>							
Pest Name	Giant foxtail	Giant ragweed	Common ragweed	Canada horsewe>							
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA							
BBCH Scale	BSOY	BSOY	BSOY	BSOY							
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max							
Crop Name	Soybean	Soybean	Soybean	Soybean							
Rating Date	6/3/2014	6/3/2014	6/3/2014	6/3/2014							
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO							
Rating Unit	%	%	%	%							
Number of Subsamples	1	1	1	1							
Days After First/Last Applic.	55 28	55 28	55 28	55 28							
Trt-Eval Interval											
Plant-Eval Interval	29 DP-1	29 DP-1	29 DP-1	29 DP-1							
Days After Emergence	19 DE-1	19 DE-1	19 DE-1	19 DE-1							
Number of Decimals	0	0	0	0							
Trt Treatment	Rate	Rate	Other	Other	Growth	Appl	15	16	17	18	
No. Name	Rate	Unit	Rate	Rate	Unit	Stage	Code				
1 Canopy EX @ 1.5 oz								60	95	100	100
1 Classic	0.0213 lb ai/a		1.36 oz/a			21 EPP	A				
1 Express	0.00625 lb ai/a		0.2 oz/a			21 EPP	A				
1 2,4-D Ester	0.5 lb ai/a		1 pt/a			21 EPP	A				
1 Abundit Extra	0.75 lb ae/a		32 oz/a			21 EPP	A				
1 N-pak ams	3 % v/v		1.8 qt/a			21 EPP	A				
1 Envive @ 3.5 oz											
1 Valor SX	0.0625 lb ai/a		1.96 oz/a			ATPL	B				
1 Classic	0.02 lb ai/a		1.28 oz/a			ATPL	B				
1 Thifensulfuron	0.0065 lb ai/a		0.208 oz/a			ATPL	B				
1 Abundit Extra	1 lb ae/a		42.7 oz/a			ATPL	B				
1 N-pak ams	3 % v/v		1.8 qt/a			ATPL	B				
1 Abundit Extra	0.75 lb ae/a		32 oz/a			2-4" WDS	C				
1 N-pak ams	3 % v/v		1.8 qt/a			2-4" WDS	C				
2 Canopy EX @ 1.5 oz								77	83	100	100
2 Classic	0.0213 lb ai/a		1.36 oz/a			21 EPP	A				
2 Express	0.00625 lb ai/a		0.2 oz/a			21 EPP	A				
2 2,4-D Ester	0.5 lb ai/a		1 pt/a			21 EPP	A				
2 Abundit Extra	0.75 lb ae/a		32 oz/a			21 EPP	A				
2 N-pak ams	3 % v/v		1.8 qt/a			21 EPP	A				
2 Canopy	0.188 lb ai/a		4 oz/a			ATPL	B				
2 Cinch	0.955 lb ai/a		1 pt/a			ATPL	B				
2 Abundit Extra	1 lb ae/a		42.7 oz/a			ATPL	B				
2 N-pak ams	3 % v/v		1.8 qt/a			ATPL	B				
2 Abundit Extra	0.75 lb ae/a		32 oz/a			2-4" WDS	C				
2 N-pak ams	3 % v/v		1.8 qt/a			2-4" WDS	C				
3 Canopy EX @ 1.5 oz								80	73	100	100
3 Classic	0.0213 lb ai/a		1.36 oz/a			21 EPP	A				
3 Express	0.00625 lb ai/a		0.2 oz/a			21 EPP	A				
3 2,4-D Ester	0.5 lb ai/a		1 pt/a			21 EPP	A				
3 Abundit Extra	0.75 lb ae/a		32 oz/a			21 EPP	A				
3 N-pak ams	3 % v/v		1.8 qt/a			21 EPP	A				
3 Trivence @ 8 oz											
3 Classic	0.0195 lb ai/a		1.25 oz/a			ATPL	B				
3 Valor SX	0.064 lb ai/a		2 oz/a			ATPL	B				
3 Sencor DF	0.223 lb ai/a		4.76 oz/a			ATPL	B				
3 Abundit Extra	1 lb ae/a		42.7 oz/a			ATPL	B				
3 N-pak ams	3 % v/v		1.8 qt/a			ATPL	B				
3 Abundit Extra	0.75 lb ae/a		32 oz/a			2-4" WDS	C				
3 N-pak ams	3 % v/v		1.8 qt/a			2-4" WDS	C				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	AMBEL	ERICA
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Ambrosia artem>	Conyza canad>
Pest Name	Giant foxtail	Giant ragweed	Common ragweed	Canada horsewe>
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	6/3/2014	6/3/2014	6/3/2014	6/3/2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	55 28	55 28	55 28	55 28
Trt-Eval Interval				
Plant-Eval Interval	29 DP-1	29 DP-1	29 DP-1	29 DP-1
Days After Emergence	19 DE-1	19 DE-1	19 DE-1	19 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	15	16	17	18
4	Envive @ 3.5 oz							58	63	100	100
4	Valor SX	0.0625 lb ai/a	ai/a	1.96 oz/a	oz/a	21 EPP	A				
4	Classic	0.02 lb ai/a	ai/a	1.28 oz/a	oz/a	21 EPP	A				
4	Thifensulfuron	0.0065 lb ai/a	ai/a	0.208 oz/a	oz/a	21 EPP	A				
4	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
4	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
4	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
4	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
5	Canopy	0.188 lb ai/a	ai/a	4 oz/a	oz/a	21 EPP	A	60	73	100	100
5	Cinch	0.955 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
5	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
5	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
5	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
5	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
6	Trivence @ 8 oz							75	67	100	100
6	Classic	0.0195 lb ai/a	ai/a	1.25 oz/a	oz/a	21 EPP	A				
6	Valor SX	0.064 lb ai/a	ai/a	2 oz/a	oz/a	21 EPP	A				
6	Sencor DF	0.223 lb ai/a	ai/a	4.76 oz/a	oz/a	21 EPP	A				
6	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
6	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
6	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
6	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
7	Boundary	1.22 lb ai/a	ai/a	1.5 pt/a	pt/a	21 EPP	A	23	60	90	100
7	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
7	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
7	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
7	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				
8	Fierce	0.143 lb ai/a	ai/a	3 oz/a	oz/a	21 EPP	A	50	57	97	100
8	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A				
8	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A				
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A				
8	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B				
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B				
8	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C				
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	AMBEL	ERICA
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Ambrosia artem>	Conyza canad>
Pest Name	Giant foxtail	Giant ragweed	Common ragweed	Canada horsewe>
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	6/3/2014	6/3/2014	6/3/2014	6/3/2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	55 28	55 28	55 28	55 28
Trt-Eval Interval				
Plant-Eval Interval	29 DP-1	29 DP-1	29 DP-1	29 DP-1
Days After Emergence	19 DE-1	19 DE-1	19 DE-1	19 DE-1
Number of Decimals	0	0	0	0

Trt No. Name	Treatment	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	15	16	17	18
9	Canopy EX @ 1.1 oz							80	70	100	100
9	Classic	0.0156 lb ai/a		1 oz/a		21 EPP	A				
9	Express	0.0047 lb ai/a		0.15 oz/a		21 EPP	A				
9	Sencor DF	0.188 lb ai/a		4 oz/a		21 EPP	A				
9	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A				
9	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A				
9	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A				
9	Trivence @ 8 oz										
9	Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B				
9	Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B				
9	Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B				
9	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
9	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
9	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C				
9	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C				
10	UTC							0	0	0	0
10	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B				
10	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B				
LSD (P=.05)								28.0	28.0	10.1	0.0
Standard Deviation								16.3	16.3	5.9	0.0
CV								28.95	25.44	6.62	0.0
Bartlett's X2								6.332	7.045	1.993	0.0
P(Bartlett's X2)								0.61	0.532	0.158	.
Replicate F								0.304	5.911	0.677	0.000
Replicate Prob(F)								0.7417	0.0106	0.5204	1.0000
Treatment F								7.788	7.150	85.419	0.000
Treatment Prob(F)								0.0001	0.0002	0.0001	1.0000

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	AMBEL	ERICA
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Ambrosia artem>	Conyza canadens>
Pest Name	Giant foxtail	Giant ragweed	Common ragweed	Canada horsewe>
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	7/17/2014	7/17/2014	7/17/2014	7/17/2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	99 32	99 32	99 32	99 32
Trt-Eval Interval				
Plant-Eval Interval	73 DP-1	73 DP-1	73 DP-1	73 DP-1
Days After Emergence	63 DE-1	63 DE-1	63 DE-1	63 DE-1
Number of Decimals				

Trt Treatment	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	19	20	21	22	23
1 Canopy EX @ 1.5 oz							98.3	96.7	100.0		100.0
1 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A					
1 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A					
1 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A					
1 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A					
1 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A					
1 Envive @ 3.5 oz											
1 Valor SX	0.0625 lb ai/a		1.96 oz/a		ATPL	B					
1 Classic	0.02 lb ai/a		1.28 oz/a		ATPL	B					
1 Thifensulfuron	0.0065 lb ai/a		0.208 oz/a		ATPL	B					
1 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B					
1 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B					
1 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C					
1 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C					
2 Canopy EX @ 1.5 oz							100.0	88.3	100.0		100.0
2 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A					
2 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A					
2 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A					
2 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A					
2 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A					
2 Canopy	0.188 lb ai/a		4 oz/a		ATPL	B					
2 Cinch	0.955 lb ai/a		1 pt/a		ATPL	B					
2 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B					
2 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B					
2 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C					
2 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C					
3 Canopy EX @ 1.5 oz							100.0	81.0	100.0		100.0
3 Classic	0.0213 lb ai/a		1.36 oz/a		21 EPP	A					
3 Express	0.00625 lb ai/a		0.2 oz/a		21 EPP	A					
3 2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A					
3 Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A					
3 N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A					
3 Trivence @ 8 oz											
3 Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B					
3 Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B					
3 Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B					
3 Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B					
3 N-pak ams	3 % v/v		1.8 qt/a		ATPL	B					
3 Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C					
3 N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C					

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	AMBEL	ERICA
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Ambrosia artem>	Conyza canad>
Pest Name	Giant foxtail	Giant ragweed	Common ragweed	Canada horsewe>
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	7/17/2014	7/17/2014	7/17/2014	7/17/2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	99 32	99 32	99 32	99 32
Trt-Eval Interval				
Plant-Eval Interval	73 DP-1	73 DP-1	73 DP-1	73 DP-1
Days After Emergence	63 DE-1	63 DE-1	63 DE-1	63 DE-1
Number of Decimals				

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	19	20	21	22	23
4	Envive @ 3.5 oz							100.0	86.7	100.0	100.0	
4	Valor SX	0.0625 lb ai/a	ai/a	1.96 oz/a	oz/a	21 EPP	A					
4	Classic	0.02 lb ai/a	ai/a	1.28 oz/a	oz/a	21 EPP	A					
4	Thifensulfuron	0.0065 lb ai/a	ai/a	0.208 oz/a	oz/a	21 EPP	A					
4	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A					
4	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A					
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A					
4	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B					
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B					
4	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C					
4	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C					
5	Canopy	0.188 lb ai/a	ai/a	4 oz/a	oz/a	21 EPP	A	100.0	96.0	100.0	100.0	
5	Cinch	0.955 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A					
5	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A					
5	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A					
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A					
5	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B					
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B					
5	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C					
5	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C					
6	Trivence @ 8 oz							100.0	98.3	100.0	100.0	
6	Classic	0.0195 lb ai/a	ai/a	1.25 oz/a	oz/a	21 EPP	A					
6	Valor SX	0.064 lb ai/a	ai/a	2 oz/a	oz/a	21 EPP	A					
6	Sencor DF	0.223 lb ai/a	ai/a	4.76 oz/a	oz/a	21 EPP	A					
6	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A					
6	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A					
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A					
6	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B					
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B					
6	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C					
6	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C					
7	Boundary	1.22 lb ai/a	ai/a	1.5 pt/a	pt/a	21 EPP	A	100.0	91.7	100.0	100.0	
7	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A					
7	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A					
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A					
7	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B					
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B					
7	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C					
7	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C					
8	Fierce	0.143 lb ai/a	ai/a	3 oz/a	oz/a	21 EPP	A	100.0	93.3	100.0	96.7	
8	2,4-D Ester	0.5 lb ai/a	ai/a	1 pt/a	pt/a	21 EPP	A					
8	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	21 EPP	A					
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	21 EPP	A					
8	Abundit Extra	1 lb ae/a	ae/a	42.7 oz/a	oz/a	ATPL	B					
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	ATPL	B					
8	Abundit Extra	0.75 lb ae/a	ae/a	32 oz/a	oz/a	2-4" WDS	C					
8	N-pak ams	3 % v/v	v/v	1.8 qt/a	qt/a	2-4" WDS	C					

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	AMBEL	ERICA
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Ambrosia artem>	Conyza canad>
Pest Name	Giant foxtail	Giant ragweed	Common ragweed	Canada horsewe>
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name	Soybean	Soybean	Soybean	Soybean
Rating Date	7/17/2014	7/17/2014	7/17/2014	7/17/2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	99 32	99 32	99 32	99 32
Trt-Eval Interval				
Plant-Eval Interval	73 DP-1	73 DP-1	73 DP-1	73 DP-1
Days After Emergence	63 DE-1	63 DE-1	63 DE-1	63 DE-1
Number of Decimals				

Trt No. Name	Treatment	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	19	20	21	22	23
9	Canopy EX @ 1.1 oz							100.0	82.3		100.0	100.0
9	Classic	0.0156 lb ai/a		1 oz/a		21 EPP	A					
9	Express	0.0047 lb ai/a		0.15 oz/a		21 EPP	A					
9	Sencor DF	0.188 lb ai/a		4 oz/a		21 EPP	A					
9	2,4-D Ester	0.5 lb ai/a		1 pt/a		21 EPP	A					
9	Abundit Extra	0.75 lb ae/a		32 oz/a		21 EPP	A					
9	N-pak ams	3 % v/v		1.8 qt/a		21 EPP	A					
9	Trivence @ 8 oz											
9	Classic	0.0195 lb ai/a		1.25 oz/a		ATPL	B					
9	Valor SX	0.064 lb ai/a		2 oz/a		ATPL	B					
9	Sencor DF	0.223 lb ai/a		4.76 oz/a		ATPL	B					
9	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B					
9	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B					
9	Abundit Extra	0.75 lb ae/a		32 oz/a		2-4" WDS	C					
9	N-pak ams	3 % v/v		1.8 qt/a		2-4" WDS	C					
10	UTC							70.0	60.0		100.0	43.3
10	Abundit Extra	1 lb ae/a		42.7 oz/a		ATPL	B					
10	N-pak ams	3 % v/v		1.8 qt/a		ATPL	B					
LSD (P=.05)								5.79	16.48		0.00	8.80
Standard Deviation								3.37	9.61		0.00	5.13
CV								3.49	10.99		0.0	5.46
Bartlett's X2								2.456	6.852		0.0	1.613
P(Bartlett's X2)								0.117	0.652		.	0.204
Replicate F								0.512	7.385		0.000	1.141
Replicate Prob(F)								0.6077	0.0046		1.0000	0.3416
Treatment F								23.488	4.159		0.000	36.282
Treatment Prob(F)								0.0001	0.0049		1.0000	0.0001

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Evaluate burndown applications of Trivence for crop response and weed control in no-till soybeans

Trial ID: 14 TRIVENCEBURN Location: Western Branch Trial Year: 2014
Protocol ID: 14 TRIVENCEBURN Investigator: Dr. Mark M. Loux
Project ID: US 117-14-01 Study Director: Bryan Reeb
Sponsor Contact: Marsha Martin, DuPont

Pest Type

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

Pest Code

LAMPU, Lamium purpureum, = US
STEME, Stellaria media, = US
VERAG, Veronica agrestis, = US
ERICA, Conyza canadensis, = US
ERYRE, Erysimum repandum, = US
AMBTR, Ambrosia trifida, = US
SETFA, Setaria faberi, = US
AMBEL, Ambrosia artemisiifolia, = 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

-4 DP-1 = 1 GLXMA 5/5/2014
15 DP-1 = 1 GLXMA 5/5/2014
29 DP-1 = 1 GLXMA 5/5/2014
73 DP-1 = 1 GLXMA 5/5/2014