

The Ohio State University

Zidua programs vs Anthem, Sonic, and Authority MTZ in Soybeans

Trial ID: 13 NTBURN3
Protocol ID: 13 NTBURN3
Project ID: MKD-H-US-SH1

Location: Western Branch Trial Year: 2013
Investigator: Dr. Mark M. Loux
Study Director: Bryan Reeb
Sponsor Contact: Trevor Kraus, BASF

Crop Description

Crop 1: GLXMA Glycine max
Variety: Asgrow 3533
Description: Round Up Ready

BBCH Scale: BSOY

Planting Date: Apr-27-2013
Planting Method: PLANTD planted
Planting Equipment: PP Plot Planter
Emergence Date: May-17-2013

Planting Rate, Unit: 135000 S/A
Depth, Unit: 0.75 IN
Row Spacing, Unit: 15 IN
Soil Temperature, Unit: 54 F
Soil Moisture: SLIWET slightly wet, moist
Seed Bed: FINTRA fine/trashy

Pest Description

- Pest 1 Type:** W **Code:** LAMPU Lamium purpureum
Common Name: Purple deadnettel
- Pest 2 Type:** W **Code:** CAPBP Capsella bursa-pastoris
Common Name: Shepherd's purse
- Pest 3 Type:** W **Code:** RANAB Ranunculus abortivus
Common Name: Smallflower buttercup
- Pest 4 Type:** W **Code:** ERYRE Erysimum repandum
Common Name: Bushy wallflower
- Pest 5 Type:** W **Code:** ERICA Conyza canadensis
Common Name: Canada horseweed
- Pest 6 Type:** W **Code:** AMBTR Ambrosia trifida
Common Name: Giant ragweed
- Pest 7 Type:** W **Code:** STEME Stellaria media
Common Name: Common chickweed
- Pest 8 Type:** W **Code:** VERAR Veronica arvensis
Common Name: Corn speedwell

Site and Design

Treated Plot Width: 6.67 FT
Treated Plot Length: 30 FT
Treated Plot Area: 200.1 FT2 **Treatments:** 12
Replications: 3

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

Soil Description

Description Name: F-9 West
% OM: 2 **Texture:** SICL silty clay loam
pH: 6.2 **Soil Name:** Kokomo
CEC: 9.7 **Fert. Level:** G good
Soil Drainage: G good

Application Description

	A	B
Application Date:	Apr-22-2013	May-29-2013
Appl. Start Time:	1:30PM	8:00 PM
Appl. Stop Time:	2:00 PM	8:30 AM
Application Method:	SPRAY	SPRAY
Application Timing:	7 EPP	POST
Application Placement:	BROSOI	BROFOL
Applied By:	REEB	DOBBELS
Air Temperature, Unit:	62 F	79 F
% Relative Humidity:	49	51
Wind Velocity, Unit:	4 MPH	7 MPH
Wind Direction:	E	SW
Dew Presence (Y/N):	N no	N no
Soil Temperature, Unit:	51 F	80 F
Soil Moisture:	MOIST	DRY
% Cloud Cover:	0	33
Next Moisture Occurred On:	Apr-24-2013	May-31-2013

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Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	GLXMA BSOY	GLXMA BSOY
Stage Scale Used:		BBCH
Stage Majority, Percent:		11 100
Height, Unit:		3 IN
Height Minimum, Maximum:		2 3

Pest Stage At Each Application

	A	B
Pest 1 Code, Type, Scale:	LAMPU W	LAMPU W
Stage Majority, Percent:	65	100
Diameter, Unit:	3	IN
Height, Unit:	4	IN
Height Minimum, Maximum:	3	4
Density, Unit:	40	M2
Pest 2 Code, Type, Scale:	CAPBP W	CAPBP W
Stage Majority, Percent:	65	100
Diameter, Unit:	4	IN
Height, Unit:	11	IN
Height Minimum, Maximum:	10	12
Density, Unit:	21.2	M2
Pest 3 Code, Type, Scale:	RANAB W	RANAB W
Stage Majority, Percent:	55	100
Diameter, Unit:	3	IN
Height, Unit:	2	IN
Height Minimum, Maximum:	1	2
Density, Unit:	45.2	M2
Pest 4 Code, Type, Scale:	ERYRE W	ERYRE W
Stage Majority, Percent:	65	100
Diameter, Unit:	4	IN
Height, Unit:	13	IN
Height Minimum, Maximum:	12	13
Density, Unit:	4	M2
Pest 5 Code, Type, Scale:	ERICA W	ERICA W
Stage Majority, Percent:	19	100
Diameter, Unit:	3	IN
Height, Unit:	0.5	IN
Height Minimum, Maximum:		3 6
Density, Unit:	28	M2
Pest 6 Code, Type, Scale:	AMBTR W	AMBTR W
Stage Majority, Percent:	10D	100
Height, Unit:	3	IN
Height Minimum, Maximum:	1	3
Density, Unit:	1.3	M2
Pest 7 Code, Type, Scale:	STEME W	STEME W
Density, Unit:	42.5	M2
Pest 8 Code, Type, Scale:	VERAR W	VERAR W
Density, Unit:	6.6	M2

Application Equipment

	A	B
Appl. Equipment:	Backpack	Backpack
Equipment Type:	SPRBAC	SPRBAC
Operation Pressure, Unit:	48	PSI
Nozzle Type:	AIXR	AIXR
Nozzle Size:	110015	110015
Nozzle Spacing, Unit:	18	IN
Boom Length, Unit:	6	FT
Boom Height, Unit:	18	IN
Ground Speed, Unit:	3	MPH
Carrier:	WATER	WATER
Spray Volume, Unit:	15	gal/ac
Mix Size, Unit:	1	Liters
Propellant:	COMCO2	COMCO2

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 Project ID: MKD-H-US-SH1 Study Director: Bryan Reeb
 Sponsor Contact: Trevor Kraus, BASF

Pest Code		LAMP	STEME	ERICA	CAPBP	ERYRE	LAMP
Crop Code		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
Rating Date		May-10-2013	May-10-2013	May-10-2013	May-10-2013	May-10-2013	May-9-2013
Rating Type		CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit		%	%	%	%	%	%
Days After First/Last Applic.		18 18	18 18	18 18	18 18	18 18	17 17
Trt-Eval Interval		18 DA-A	18 DA-A	18 DA-A	18 DA-A	18 DA-A	17 DA-A
Plant-Eval Interval		13 DP-1	13 DP-1	13 DP-1	13 DP-1	13 DP-1	12 DP-1
Days After Emergence		-7 DE-1	-7 DE-1	-7 DE-1	-7 DE-1	-7 DE-1	-8 DE-1
Trt Treatment	Other Other	Growth Appl					
No. Name	Rate Rate Unit	Stage Code	1	2	3	4	5
1 Roundup Power Max	32 oz/a	7 EPP A	94	98	100	100	100
1 Zidua	2.5 oz/a	7 EPP A					95
1 Sharpen	1 oz/a	7 EPP A					
1 MSO	19.2 oz/a	7 EPP A					
1 N-pak ams	2.25 qt/a	7 EPP A					
1 Roundup Power Max	32 oz/a	POST B					
1 N-pak ams	2.25 qt/a	POST B					
2 Roundup Power Max	32 oz/a	7 EPP A	97	100	100	98	98
2 Zidua	2.5 oz/a	7 EPP A					92
2 Verdict	5.03 oz/a	7 EPP A					
2 MSO	19.2 oz/a	7 EPP A					
2 N-pak ams	2.25 qt/a	7 EPP A					
2 Roundup Power Max	32 oz/a	POST B					
2 N-pak ams	2.25 qt/a	POST B					
3 Roundup Power Max	32 oz/a	7 EPP A	99	100	100	99	98
3 Zidua	2.5 oz/a	7 EPP A					100
3 Verdict	5.03 oz/a	7 EPP A					
3 Sencor DF	10.5 oz/a	7 EPP A					
3 MSO	19.2 oz/a	7 EPP A					
3 N-pak ams	2.25 qt/a	7 EPP A					
3 Roundup Power Max	32 oz/a	POST B					
3 N-pak ams	2.25 qt/a	POST B					
4 Roundup Power Max	32 oz/a	7 EPP A	100	99	100	93	93
4 Zidua	2.5 oz/a	7 EPP A					100
4 Sharpen	1 oz/a	7 EPP A					
4 Sencor DF	10.5 oz/a	7 EPP A					
4 MSO	19.2 oz/a	7 EPP A					
4 N-pak ams	2.25 qt/a	7 EPP A					
4 Roundup Power Max	32 oz/a	POST B					
4 N-pak ams	2.25 qt/a	POST B					
5 Roundup Power Max	32 oz/a	7 EPP A	98	100	100	100	100
5 Verdict	10.1 oz/a	7 EPP A					98
5 MSO	19.2 oz/a	7 EPP A					
5 N-pak ams	2.25 qt/a	7 EPP A					
5 Roundup Power Max	32 oz/a	POST B					
5 N-pak ams	2.25 qt/a	POST B					
6 Roundup Power Max	32 oz/a	7 EPP A	100	100	100	100	100
6 Verdict	10.1 oz/a	7 EPP A					
6 Sencor DF	10.5 oz/a	7 EPP A					
6 MSO	19.2 oz/a	7 EPP A					
6 N-pak ams	2.25 qt/a	7 EPP A					
6 Roundup Power Max	32 oz/a	POST B					
6 N-pak ams	2.25 qt/a	POST B					

t=Mean descriptions are reported in transformed data units, and are not de-transformed.

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Pest Code	LAMPU	STEME	ERICA	CAPBP	ERYRE	LAMPU								
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA								
Rating Date	May-10-2013	May-10-2013	May-10-2013	May-10-2013	May-10-2013	May-9-2013								
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO								
Rating Unit	%	%	%	%	%	%								
Days After First/Last Applic.	18 18	18 18	18 18	18 18	18 18	17 17								
Trt-Eval Interval	18 DA-A	18 DA-A	18 DA-A	18 DA-A	18 DA-A	17 DA-A								
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1	13 DP-1	13 DP-1	12 DP-1								
Days After Emergence	-7 DE-1	-7 DE-1	-7 DE-1	-7 DE-1	-7 DE-1	-8 DE-1								
Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	1	2	3	4	5	6			
7	Roundup Power Max	32 oz/a		7 EPP A	A	87	98	26	88	88	92			
7	Anthem	9 oz/a		7 EPP A	A									
7	N-pak ams	2.25 qt/a		7 EPP A	A									
7	Roundup Power Max	32 oz/a		POST B	B									
7	N-pak ams	2.25 qt/a		POST B	B									
8	Roundup Power Max	32 oz/a		7 EPP A	A	94	100	30	93	93	98			
8	Fierce	4.5 oz/a		7 EPP A	A									
8	N-pak ams	2.25 qt/a		7 EPP A	A									
8	Roundup Power Max	32 oz/a		POST B	B									
8	N-pak ams	2.25 qt/a		POST B	B									
9	Roundup Power Max	32 oz/a		7 EPP A	A	98	97	40	90	70	94			
9	Sonic	8 oz/a		7 EPP A	A									
9	N-pak ams	2.25 qt/a		7 EPP A	A									
9	Roundup Power Max	32 oz/a		POST B	B									
9	N-pak ams	2.25 qt/a		POST B	B									
10	Roundup Power Max	32 oz/a		7 EPP A	A	100	97	23	93	93	100			
10	Authority MTZ	16 oz/a		7 EPP A	A									
10	N-pak ams	2.25 qt/a		7 EPP A	A									
10	Roundup Power Max	32 oz/a		POST B	B									
10	N-pak ams	2.25 qt/a		POST B	B									
11	Roundup Power Max	32 oz/a		7 EPP A	A	98	100	100	98	98	99			
11	OpTill	2 oz/a		7 EPP A	A									
11	Outlook	10 oz/a		7 EPP A	A									
11	MSO	19.2 oz/a		7 EPP A	A									
11	N-pak ams	2.25 qt/a		7 EPP A	A									
11	Roundup Power Max	32 oz/a		POST B	B									
11	N-pak ams	2.25 qt/a		POST B	B									
12	UTC					0	0	0	0	0	0			
LSD (P=.05)		3.8				2.9		0.4t		9.0		25.4		8.1
Standard Deviation		2.3				1.7		0.2t		5.3		15.0		4.8
CV		2.54				1.87		3.17		6.02		17.39		5.37
Bartlett's X2		3.57				1.712		176.222		20.814		43.269		10.846
P(Bartlett's X2)		0.828				0.789		0.001*		0.004*		0.001*		0.093
Skewness		-3.024*				-3.1227*		-1.0312*		-2.9089*		-2.5092*		-2.9779*
Kurtosis		7.8507*				8.2682*		0.0332		7.3127*		4.7545*		7.6274*
Replicate F		2.403				1.053		0.000		1.569		1.304		1.423
Replicate Prob(F)		0.1138				0.3659		1.0000		0.2306		0.2916		0.2624
Treatment F		468.915				854.104		489.155		83.980		10.782		104.606
Treatment Prob(F)		0.0001				0.0001		0.0001		0.0001		0.0001		0.0001

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Study Director: Bryan Reeb
Sponsor Contact: Trevor Kraus, BASF

Pest Code	STEME	CAPBP	SENGL	ERYRE	ERPSS	ERICA	VERAR					
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA					
Rating Date	May-9-2013	May-9-2013	May-9-2013	May-9-2013	May-9-2013	May-9-2013	May-9-2013					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%	%	%	%					
Days After First/Last Applic.	17 17	17 17	17 17	17 17	17 17	17 17	17 17					
Trt-Eval Interval	17 DA-A	17 DA-A	17 DA-A	17 DA-A	17 DA-A	17 DA-A	17 DA-A					
Plant-Eval Interval	12 DP-1	12 DP-1	12 DP-1	12 DP-1	12 DP-1	12 DP-1	12 DP-1					
Days After Emergence	-8 DE-1	-8 DE-1	-8 DE-1	-8 DE-1	-8 DE-1	-8 DE-1	-8 DE-1					
Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	7	8	9	10	11	12	13
7	Roundup Power Max	32 oz/a		7 EPP A	A	100	100	100	97	100	27	100
7	Anthem	9 oz/a		7 EPP A	A							
7	N-pak ams	2.25 qt/a		7 EPP A	A							
7	Roundup Power Max	32 oz/a		POST B	B							
7	N-pak ams	2.25 qt/a		POST B	B							
8	Roundup Power Max	32 oz/a		7 EPP A	A	100	100	100	100	100	43	100
8	Fierce	4.5 oz/a		7 EPP A	A							
8	N-pak ams	2.25 qt/a		7 EPP A	A							
8	Roundup Power Max	32 oz/a		POST B	B							
8	N-pak ams	2.25 qt/a		POST B	B							
9	Roundup Power Max	32 oz/a		7 EPP A	A	100	93	100	100	100	75	100
9	Sonic	8 oz/a		7 EPP A	A							
9	N-pak ams	2.25 qt/a		7 EPP A	A							
9	Roundup Power Max	32 oz/a		POST B	B							
9	N-pak ams	2.25 qt/a		POST B	B							
10	Roundup Power Max	32 oz/a		7 EPP A	A	100	97	95	93	100	20	100
10	Authority MTZ	16 oz/a		7 EPP A	A							
10	N-pak ams	2.25 qt/a		7 EPP A	A							
10	Roundup Power Max	32 oz/a		POST B	B							
10	N-pak ams	2.25 qt/a		POST B	B							
11	Roundup Power Max	32 oz/a		7 EPP A	A	100	100	100	100	100	83	87
11	OpTill	2 oz/a		7 EPP A	A							
11	Outlook	10 oz/a		7 EPP A	A							
11	MSO	19.2 oz/a		7 EPP A	A							
11	N-pak ams	2.25 qt/a		7 EPP A	A							
11	Roundup Power Max	32 oz/a		POST B	B							
11	N-pak ams	2.25 qt/a		POST B	B							
12	UTC					0	0	0	0	0	0	0
LSD (P=.05)		1.4				1.4	6.4	4.2	4.5	0.0	19.4	11.2
Standard Deviation		0.8				0.8	3.8	2.5	2.6	0.0	11.5	6.6
CV		0.91				0.91	4.18	2.74	2.91	0.0	17.15	7.39
Bartlett's X2		0.0				0.0	0.874	0.0	0.151	0.0	9.19	3.842
P(Bartlett's X2)		.				.	0.35	.	0.697	.	0.42	0.279
Skewness		-3.143*				-3.143*	-3.0614*	-3.1072*	-3.0861*	-3.1478*	-0.7211	-2.8673*
Kurtosis		8.3512*				8.3512*	7.9784*	8.1889*	8.1013*	8.3714*	-0.9438	7.0808*
Replicate F		1.000				1.000	0.579	1.000	2.081	0.000	0.446	0.687
Replicate Prob(F)		0.3840				0.3840	0.5688	0.3840	0.1487	1.0000	0.6459	0.5138
Treatment F		3590.091				3590.091	171.421	397.364	352.108	0.000	27.491	55.784
Treatment Prob(F)		0.0001				0.0001	0.0001	0.0001	0.0001	1.0000	0.0001	0.0001

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Pest Code	SETFA	AMBTR	ERICA	VERAR						
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA						
Rating Date	May-23-2013	May-23-2013	May-23-2013	May-23-2013						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Days After First/Last Applic.	31 31	31 31	31 31	31 31						
Trt-Eval Interval	31 DA-A	31 DA-A	31 DA-A	31 DA-A						
Plant-Eval Interval	26 DP-1	26 DP-1	26 DP-1	26 DP-1						
Days After Emergence	6 DE-1	6 DE-1	6 DE-1	6 DE-1						
Trt Treatment	Other Rate	Other Rate	Growth Unit	Appl Stage	Code	14	15	16	17	18
1 Roundup Power Max	32 oz/a		7 EPP	A		55	65	78	93	
1 Zidua	2.5 oz/a		7 EPP	A						
1 Sharpen	1 oz/a		7 EPP	A						
1 MSO	19.2 oz/a		7 EPP	A						
1 N-pak ams	2.25 qt/a		7 EPP	A						
1 Roundup Power Max	32 oz/a		POST	B						
1 N-pak ams	2.25 qt/a		POST	B						
2 Roundup Power Max	32 oz/a		7 EPP	A		50	73	80	95	
2 Zidua	2.5 oz/a		7 EPP	A						
2 Verdict	5.03 oz/a		7 EPP	A						
2 MSO	19.2 oz/a		7 EPP	A						
2 N-pak ams	2.25 qt/a		7 EPP	A						
2 Roundup Power Max	32 oz/a		POST	B						
2 N-pak ams	2.25 qt/a		POST	B						
3 Roundup Power Max	32 oz/a		7 EPP	A		63	60	77	99	
3 Zidua	2.5 oz/a		7 EPP	A						
3 Verdict	5.03 oz/a		7 EPP	A						
3 Sencor DF	10.5 oz/a		7 EPP	A						
3 MSO	19.2 oz/a		7 EPP	A						
3 N-pak ams	2.25 qt/a		7 EPP	A						
3 Roundup Power Max	32 oz/a		POST	B						
3 N-pak ams	2.25 qt/a		POST	B						
4 Roundup Power Max	32 oz/a		7 EPP	A		63	72	85	100	
4 Zidua	2.5 oz/a		7 EPP	A						
4 Sharpen	1 oz/a		7 EPP	A						
4 Sencor DF	10.5 oz/a		7 EPP	A						
4 MSO	19.2 oz/a		7 EPP	A						
4 N-pak ams	2.25 qt/a		7 EPP	A						
4 Roundup Power Max	32 oz/a		POST	B						
4 N-pak ams	2.25 qt/a		POST	B						
5 Roundup Power Max	32 oz/a		7 EPP	A		30	73	97	98	
5 Verdict	10.1 oz/a		7 EPP	A						
5 MSO	19.2 oz/a		7 EPP	A						
5 N-pak ams	2.25 qt/a		7 EPP	A						
5 Roundup Power Max	32 oz/a		POST	B						
5 N-pak ams	2.25 qt/a		POST	B						
6 Roundup Power Max	32 oz/a		7 EPP	A		30	90	100	100	
6 Verdict	10.1 oz/a		7 EPP	A						
6 Sencor DF	10.5 oz/a		7 EPP	A						
6 MSO	19.2 oz/a		7 EPP	A						
6 N-pak ams	2.25 qt/a		7 EPP	A						
6 Roundup Power Max	32 oz/a		POST	B						
6 N-pak ams	2.25 qt/a		POST	B						

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Pest Code	SETFA	AMBTR	ERICA	VERAR						
Crop Code	GLXMA	GLXMA	GLXMA	GLXMA						
Rating Date	May-23-2013	May-23-2013	May-23-2013	May-23-2013						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Days After First/Last Applic.	31 31	31 31	31 31	31 31						
Trt-Eval Interval	31 DA-A	31 DA-A	31 DA-A	31 DA-A						
Plant-Eval Interval	26 DP-1	26 DP-1	26 DP-1	26 DP-1						
Days After Emergence	6 DE-1	6 DE-1	6 DE-1	6 DE-1						
Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	14	15	16	17	18
7	Roundup Power Max	32 oz/a		7 EPP	A	63	83	23	100	
	7 Anthem	9 oz/a		7 EPP	A					
	7 N-pak ams	2.25 qt/a		7 EPP	A					
	7 Roundup Power Max	32 oz/a		POST	B					
	7 N-pak ams	2.25 qt/a		POST	B					
8	Roundup Power Max	32 oz/a		7 EPP	A	77	77	40	100	
	8 Fierce	4.5 oz/a		7 EPP	A					
	8 N-pak ams	2.25 qt/a		7 EPP	A					
	8 Roundup Power Max	32 oz/a		POST	B					
	8 N-pak ams	2.25 qt/a		POST	B					
9	Roundup Power Max	32 oz/a		7 EPP	A	47	99	83	100	
	9 Sonic	8 oz/a		7 EPP	A					
	9 N-pak ams	2.25 qt/a		7 EPP	A					
	9 Roundup Power Max	32 oz/a		POST	B					
	9 N-pak ams	2.25 qt/a		POST	B					
10	Roundup Power Max	32 oz/a		7 EPP	A	57	93	7	100	
	10 Authority MTZ	16 oz/a		7 EPP	A					
	10 N-pak ams	2.25 qt/a		7 EPP	A					
	10 Roundup Power Max	32 oz/a		POST	B					
	10 N-pak ams	2.25 qt/a		POST	B					
11	Roundup Power Max	32 oz/a		7 EPP	A	73	93	73	92	
	11 OpTill	2 oz/a		7 EPP	A					
	11 Outlook	10 oz/a		7 EPP	A					
	11 MSO	19.2 oz/a		7 EPP	A					
	11 N-pak ams	2.25 qt/a		7 EPP	A					
	11 Roundup Power Max	32 oz/a		POST	B					
	11 N-pak ams	2.25 qt/a		POST	B					
12	UTC					0	0	0	0	
LSD (P=.05)						25.2	30.2	23.2	5.7	.
Standard Deviation						14.9	17.8	13.7	3.4	.
CV						29.37	24.31	22.1	3.75	.
Bartlett's X2						8.005	14.897	4.313	5.527	.
P(Bartlett's X2)						0.628	0.136	0.89	0.237	.
Skewness						-0.9097*	-1.2609*	-0.6931	-3.04*	.
Kurtosis						0.4384	0.8912	-0.9578	7.9141*	.
Replicate F						1.554	2.342	0.915	0.120	
Replicate Prob(F)						0.2338	0.1196	0.4152	0.8877	
Treatment F						6.352	6.438	19.569	213.527	
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001	

The Ohio State University

Zidua programs vs Anthem, Sonic, and Authority MTZ in Soybeans

Trial ID: 13 NTBURN3 Location: Western Branch Trial Year: 2013
Protocol ID: 13 NTBURN3 Investigator: Dr. Mark M. Loux
Project ID: MKD-H-US-SH1 Study Director: Bryan Reeb
Sponsor Contact: Trevor Kraus, BASF

Pest Code

LAMPU, Lamium purpureum, = US
STEME, Stellaria media, = US
ERICA, Conyza canadensis, = US
CAPBP, Capsella bursa-pastoris, = US
ERYRE, Erysimum repandum, = US
SENGL, Senecio glabellus, = US
ERPSS, Erophila sp., = US
VERAR, Veronica arvensis, = US
SETFA, Setaria faberi, = US
AMBTR, Ambrosia trifida, = US

Crop Code

GLXMA, BSOY, Glycine max, = US

Rating Type

CONTRO = control / burndown or knockdown

Rating Unit

% = percent

Plant-Eval Interval

13 DP-1 = 1 GLXMA Apr-27-2013
12 DP-1 = 1 GLXMA Apr-27-2013
26 DP-1 = 1 GLXMA Apr-27-2013