

BAS 183H Efficacy in Double Crop Soybeans.

Trial ID: 14-20B-S140 Location: Belleville Res. Center Trial Year: 2014
Investigator: Ronald F. Krausz

Trial Status: One-year/final Initiation Date: 7-8-14 Completion Date: 8-27-14		Trial Location
City: Belleville State/Prov.: Illinois IL Postal Code: 62221	Country: USA	

Objectives: Evaluate herbicide programs designed for double crop DT soybeans that include Engenia.
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Study Director: Ronald F. Krausz Organization: Belleville Research Center - Southern Illinois Univ Carbondale Address: 2036 Charles Lane City+State/Prov: Belleville, IL Postal Code: 62221 Country: USA	Contacts Title: Researcher/Farm Manager Phone No.: 618-566-4761 E-mail: rkrausz@siu.edu
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Crop 1: GLXMA Glycine max Soybean Variety: Dicamba-Tolerant BBCH Scale: BSOY Description: DT Planting Rate, Unit: 140000 S/A Depth, Unit: 1 IN Row Spacing, Unit: 30 IN	Crop Description Planting Date: 7-11-14 Planting Method: SEEDED
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Pest 1 Type: W Code: AMATA <i>Amaranthus rudis</i> Sauer Common Name: waterhemp, common Pest 2 Type: W Code: IPOHE <i>Ipomoea hederacea</i> (L.) Jacq. Common Name: morningglory, ivyleaf Pest 3 Type: W Code: TRZAX <i>Triticum aestivum</i> L. Common Name: wheat, volunteer	Pest Description
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Treated Plot Width: 7.5 FT Total Plot Width: 10 FT Treated Plot Length: 28 FT Total Plot Length: 28 FT Replications: 3 Untreated Arrangement: INCLUDED single control randomized in each block	Site and Design Site Type: FIELD Experimental Unit: 1 PLOT Tillage Type: NOTILL no-till Study Design: RACOB L Randomized Complete Block (RCB)
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No.	Previous Crop	Year
1.	GLXMA	2013
2.	TRZAW	2013

Maintenance <table border="1"> <thead> <tr> <th>No.</th> <th>Maintenance Product Name</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>N 0 LB/A, P2O5 0 LB/A, K2O 0 LB/A</td> </tr> </tbody> </table>	No.	Maintenance Product Name	1.	N 0 LB/A, P2O5 0 LB/A, K2O 0 LB/A
No.	Maintenance Product Name			
1.	N 0 LB/A, P2O5 0 LB/A, K2O 0 LB/A			

% Sand: 10 % OM: 2.4 Texture: SIL silt loam % Silt: 70 pH: 5.97 Soil Name: Bethalto % Clay: 20 CEC: 12	Soil Description
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Element	Quantity	Unit
P1	87	lb/A
K	433	lb/A

Overall Moisture Conditions: NORMAL Closest Weather Station: ICN - Belleville IL	Moisture and Weather Conditions Distance, Unit: 0.5 MI
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No.	Date	Amount	Unit	Type	Type Description	Interval	Unit	Min Temp	Max Temp	Temp Unit
1.	6-1-14	0.13	IN	RAIN	rain	1	DAY			
2.	6-3-14					7	DAY	59	90	F
3.	6-4-14	0.67	IN	RAIN	rain	1	DAY			
4.	6-7-14	0.6	IN	RAIN	rain	1	DAY			
5.	6-9-14	1.38	IN	RAIN	rain	2	DAY			
6.	6-10-14					7	DAY	51	90	F
7.	6-12-14	0.07	IN	RAIN	rain	1	DAY			
8.	6-15-14	0.02	IN	RAIN	rain	1	DAY			
9.	6-17-14					7	DAY	67	92	F
10.	6-20-14	2.09	IN	RAIN	rain	5	DAY			
11.	6-24-14					7	DAY	65	91	F
12.	6-27-14	0.11	IN	RAIN	rain	2	DAY			
13.	7-1-14	0.01	IN	RAIN	rain	1	DAY			
14.	7-1-14					7	DAY	55	90	F
15.	7-7-14	0.79	IN	RAIN	rain	2	DAY			
16.	7-8-14					7	DAY	59	89	F
17.	7-12-14	0.49	IN	RAIN	rain	3	DAY			
18.	7-15-14					7	DAY	54	85	F
19.	7-22-14					7	DAY	57	98	F
20.	7-25-14	0.02	IN	RAIN	rain	1	DAY			
21.	7-29-14					7	DAY	52	89	F
22.	8-1-14	0.04	IN	RAIN	rain	1	DAY			
23.	8-5-14	4.04	IN	RAIN	rain	4	DAY			
24.	8-5-14					7	DAY	66	88	F
25.	8-12-14					7	DAY	57	84	F
26.	8-15-14	1.21	IN	RAIN	rain	3	DAY			
27.	8-19-14					7	DAY	67	95	F
28.	8-20-14	0.11	IN	RAIN	rain	1	DAY			
29.	8-27-14	1.56	IN	RAIN	rain	2	DAY			
30.	9-1-14	1.69	IN	RAIN	rain	1	DAY			

Application Description

	A	B
Application Date:	7-8-14	8-5-14
Appl. Start Time:	6:30	13:00
Appl. Stop Time:	7:00	13:40
Application Method:	Spray	Spray
Application Timing:	3DBP	2-3"W
Application Placement:	BROFOL	BROFOL
Applied By:	RJW	LXF
Air Temperature, Unit:	71 F	86 F
% Relative Humidity:	97	63
Wind Velocity, Unit:	4 MPH	3 MPH
Wind Direction:	W	W
Dew Presence (Y/N):	Y	N
Soil Temperature, Unit:	76 F	76 F
Soil Moisture:	ABONOR	NORMAL
% Cloud Cover:	0	100
Next Moisture Occurred On:	7-9-14	8-7-14
Time to Next Moisture, Unit:	1 DAY	2 DAY

Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	GLXMA	GLXMA
Stage Scale Used:	DESC	DESC
Stage Majority, Percent:	NA	V1
Stage Minimum, Percent:		V1
Stage Maximum, Percent:		V1
Height, Unit:		8 IN
Height Minimum, Maximum:		6 8

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Pest Stage At Each Application

	A	B
Pest 1 Code, Type, Scale:	AMATA W	AMATA W
Stage Majority, Percent:	8	NA
Stage Minimum, Percent:	4	
Stage Maximum, Percent:	30	
Height, Unit:	4 IN	
Height Minimum, Maximum:	3 8	
Density, Unit:	0.1 FT2	
Pest 2 Code, Type, Scale:	IPOHE W	IPOHE W
Stage Majority, Percent:	5	NA
Stage Minimum, Percent:	3	
Stage Maximum, Percent:	6	
Height, Unit:	2 IN	
Height Minimum, Maximum:	1 2	
Density, Unit:	0.001 FT2	
Pest 3 Code, Type, Scale:	TRZAX W	TRZAX W
Stage Majority, Percent:	2	7
Stage Minimum, Percent:	1	5
Stage Maximum, Percent:	3	9
Height, Unit:	2 IN	3 IN
Height Minimum, Maximum:	1 4	2 5
Density, Unit:	0.1 FT2	10 FT2

Application Equipment

	A	B
Appl. Equipment:	CO2 sprayer	CO2 sprayer
Equipment Type:	BACSPR	BACSPR
Operation Pressure, Unit:	30 PSI	30 PSI
Nozzle Type:	TTI	TTI
Nozzle Size:	11002	11002
Boom Length, Unit:	7.5 FT	7.5 FT
Spray Volume, Unit:	20 GPA	20 GPA

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Pest Code Crop Code Rating Date								GLXMA 7-25-14	GLXMA 8-8-14	GLXMA 8-22-14	AMATA 7-11-14	AMATA 7-25-14	AMATA 8-8-14	AMATA 8-22-14
Rating Type Rating Unit Rating Timing Trt-Eval Interval								Injury Percent 14 DAP 17 DA-A	Injury Percent 28 DAP 3 DA-B	Injury Percent 42 DAP 17 DA-B	Control Percent 0 DAP 3 DA-A	Control Percent 14 DAP 17 DA-A	Control Percent 28 DAP 3 DA-B	Control Percent 42 DAP 17 DA-B
Trt Treatment No. Name	Form Form Conc Type Rate	Rate Unit	Other Other Rate Rate	Other Other Rate Rate	Growth Appl Stage Code									
1 NONTREATED								0	0	0	0	0	0	0
2 ROUNDUP POWERMAX ROUNDUP POWERMAX	4.5 SL 4.5 SL	1 lb ae/a 1 lb ae/a	28.4 fl oz/a 28.4 fl oz/a		3DBP A 2-3"W B			0 a	0 a	0 a	93 a	93 a	93 a	99 a
3 ROUNDUP POWERMAX ZIDUA ROUNDUP POWERMAX	4.5 SL 85 WG 4.5 SL	1 lb ae/a 0.106 lb ai/a 1 lb ae/a	28.4 fl oz/a 2 oz wt/a 28.4 fl oz/a		3DBP A 3DBP A 2-3"W B			0 a	0 a	0 a	99 a	99 a	99 a	99 a
4 ROUNDUP POWERMAX ZIDUA ENGENIA ROUNDUP POWERMAX	4.5 SL 85 WG 5 SL 4.5 SL	1 lb ae/a 0.106 lb ai/a 0.5 lb ae/a 1 lb ae/a	28.4 fl oz/a 2 oz wt/a 12.8 fl oz/a 28.4 fl oz/a		3DBP A 3DBP A 3DBP A 2-3"W B			0 a	0 a	0 a	99 a	99 a	99 a	99 a
5 ROUNDUP POWERMAX ZIDUA ROUNDUP POWERMAX ENGENIA	4.5 SL 85 WG 4.5 SL 5 SL	1 lb ae/a 0.106 lb ai/a 1 lb ae/a 0.5 lb ae/a	28.4 fl oz/a 2 oz wt/a 28.4 fl oz/a 12.8 fl oz/a		3DBP A 3DBP A 2-3"W B 2-3"W B			0 a	0 a	0 a	99 a	99 a	99 a	99 a
6 ROUNDUP POWERMAX ZIDUA ENGENIA ROUNDUP POWERMAX ENGENIA	4.5 SL 85 WG 5 SL 4.5 SL 5 SL	1 lb ae/a 0.106 lb ai/a 0.5 lb ae/a 1 lb ae/a 0.5 lb ae/a	28.4 fl oz/a 2 oz wt/a 12.8 fl oz/a 28.4 fl oz/a 12.8 fl oz/a		3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B			0 a	0 a	0 a	99 a	99 a	99 a	99 a
7 ROUNDUP POWERMAX ZIDUA ENGENIA ROUNDUP POWERMAX ENGENIA OUTLOOK	4.5 SL 85 WG 5 SL 4.5 SL 5 SL 6 EC	1 lb ae/a 0.106 lb ai/a 0.5 lb ae/a 1 lb ae/a 0.5 lb ae/a 0.75 lb ai/a	28.4 fl oz/a 2 oz wt/a 12.8 fl oz/a 28.4 fl oz/a 12.8 fl oz/a 16 fl oz/a		3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B 2-3"W B			0 a	0 a	0 a	99 a	99 a	99 a	99 a
8 ROUNDUP POWERMAX SHARPEN DREXEL MES-100 AMS ROUNDUP POWERMAX ENGENIA OUTLOOK	4.5 SL 2.85 SC 100 SL 100 SG 4.5 SL 5 SL 6 EC	1 lb ae/a 0.0223 lb ai/a 1 % v/v 1.02 % w/w 1 lb ae/a 0.5 lb ae/a 0.75 lb ai/a	28.4 fl oz/a 1 fl oz/a 1 % v/v 8.5 lb/100 gal 28.4 fl oz/a 12.8 fl oz/a 16 fl oz/a		3DBP A 3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B 2-3"W B			0 a	0 a	0 a	99 a	99 a	99 a	99 a
9 ROUNDUP POWERMAX ZIDUA SHARPEN DREXEL MES-100 AMS ROUNDUP POWERMAX ENGENIA	4.5 SL 85 WG 2.85 SC 100 SL 100 SG 4.5 SL 5 SL	1 lb ae/a 0.106 lb ai/a 0.0223 lb ai/a 1 % v/v 1.02 % w/w 1 lb ae/a 0.5 lb ae/a	28.4 fl oz/a 2 oz wt/a 1 fl oz/a 1 % v/v 8.5 lb/100 gal 28.4 fl oz/a 12.8 fl oz/a		3DBP A 3DBP A 3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B			0 a	0 a	0 a	99 a	99 a	99 a	99 a
10 ROUNDUP POWERMAX ZIDUA SHARPEN DREXEL MES-100 AMS ROUNDUP POWERMAX ENGENIA OUTLOOK	4.5 SL 85 WG 2.85 SC 100 SL 100 SG 4.5 SL 5 SL 6 EC	1 lb ae/a 0.106 lb ai/a 0.0223 lb ai/a 1 % v/v 1.02 % w/w 1 lb ae/a 0.5 lb ae/a 0.75 lb ai/a	28.4 fl oz/a 2 oz wt/a 1 fl oz/a 1 % v/v 8.5 lb/100 gal 28.4 fl oz/a 12.8 fl oz/a 16 fl oz/a		3DBP A 3DBP A 3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B 2-3"W B			0 a	0 a	0 a	99 a	99 a	99 a	99 a
11 ROUNDUP POWERMAX WARRANT ENGENIA ROUNDUP POWERMAX ENGENIA	4.5 SL 3 CS 5 SL 4.5 SL 5 SL	1 lb ae/a 1.12 lb ai/a 0.5 lb ae/a 1 lb ae/a 0.5 lb ae/a	28.4 fl oz/a 48 fl oz/a 12.8 fl oz/a 28.4 fl oz/a 12.8 fl oz/a		3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B			0 a	0 a	0 a	99 a	99 a	99 a	99 a

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.

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Rating Type Rating Unit Rating Timing Trt-Eval Interval							Injury Percen 14 DAP 17 DA-A	Injury Percent 28 DAP 3 DA-B	Injury Percent 42 DAP 17 DA-B	Control Percent 0 DAP 3 DA-A	Control Percen 14 DAP 17 DA-A	Control Percen 28 DAP 3 DA-B	Control Percent 42 DAP 17 DA-B
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Other Rate	Other Unit	Growth Stage	Appl Code					
12	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a	28.4 fl oz/a		3DBP A		0 a	0 a	0 a	99 a	99 a
	VALOR SX	51 WG		0.064 lb ai/a	2 oz wt/a		3DBP A					99 a	99 a
	ENGENIA	5 SL		0.5 lb ae/a	12.8 fl oz/a		3DBP A					99 a	99 a
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a	28.4 fl oz/a		2-3"W B						
	WARRANT	3 CS		1.12 lb ai/a	48 fl oz/a		2-3"W B						
	ENGENIA	5 SL		0.5 lb ae/a	12.8 fl oz/a		2-3"W B						
13	LIBERTY 280	2.34 EC		0.583 lb ai/a	32 fl oz/a		3DBP A		0 a	0 a	0 a	99 a	99 a
	ZIDUA	85 WG		0.106 lb ai/a	2 oz wt/a		3DBP A					99 a	99 a
	AMS	100 SG		1.02 % w/w	8.5 lb/100 gal		3DBP A					99 a	99 a
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a	28.4 fl oz/a		2-3"W B						
14	LIBERTY 280	2.34 EC		0.583 lb ai/a	32 fl oz/a		3DBP A		0 a	0 a	0 a	99 a	99 a
	ZIDUA	85 WG		0.106 lb ai/a	2 oz wt/a		3DBP A					99 a	99 a
	AMS	100 SG		1.02 % w/w	8.5 lb/100 gal		3DBP A					99 a	99 a
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a	28.4 fl oz/a		2-3"W B						
	ENGENIA	5 SL		0.5 lb ae/a	12.8 fl oz/a		2-3"W B						
LSD (P=.05)							0.0	0.0	0.0	5.1	5.1	5.1	0.0
Standard Deviation							0.0	0.0	0.0	3.0	3.0	3.0	0.0
CV							0.0	0.0	0.0	3.09	3.09	3.09	0.0
Replicate F							0.000	0.000	0.000	1.000	1.000	1.000	0.000
Replicate Prob(F)							1.0000	1.0000	1.0000	0.3827	0.3827	0.3827	1.0000
Treatment F							0.000	0.000	0.000	1.000	1.000	1.000	0.000
Treatment Prob(F)							1.0000	1.0000	1.0000	0.4777	0.4777	0.4777	1.0000

Pest Code									IPOHE	IPOHE	IPOHE	IPOHE	TRZAX	TRZAX	TRZAX	TRZAX
Crop Code									7-11-14	7-25-14	8-8-14	8-22-14	7-11-14	7-25-14	8-8-14	8-22-14
Rating Date																
Rating Type									Control Percent	Control Percen	Control Percent	Control Percen	Control Percent	Control Percen	Control Percent	Control Percen
Rating Unit									0 DAP	14 DAP	28 DAP	42 DAP	0 DAP	14 DAP	28 DAP	42 DAP
Rating Timing									3 DA-A	17 DA-A	3 DA-B	17 DA-B	3 DA-A	17 DA-A	3 DA-B	17 DA-B
Trt-Eval Interval																
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Rate	Growth Unit	Appl Stage	Code						
1	NONTREATED										0	0	0	0	0	0
2	ROUNDUP POWERMAX ROUNDUP POWERMAX	4.5 SL 4.5 SL		1 lb ae/a 1 lb ae/a		28.4 fl oz/a 28.4 fl oz/a		3DBP A 2-3"W B			99 a	99 a	99 a	99 a	77 a	77 a
3	ROUNDUP POWERMAX ZIDUA ROUNDUP POWERMAX	4.5 SL 85 WG 4.5 SL		1 lb ae/a 0.106 lb ai/a 1 lb ae/a		28.4 fl oz/a 2 oz wt/a 28.4 fl oz/a		3DBP A 3DBP A 2-3"W B			99 a	99 a	99 a	99 a	95 a	95 a
4	ROUNDUP POWERMAX ZIDUA ENGENIA ROUNDUP POWERMAX	4.5 SL 85 WG 5 SL 4.5 SL		1 lb ae/a 0.106 lb ai/a 0.5 lb ae/a 1 lb ae/a		28.4 fl oz/a 2 oz wt/a 12.8 fl oz/a 28.4 fl oz/a		3DBP A 3DBP A 3DBP A 2-3"W B			99 a	99 a	99 a	99 a	99 a	99 a
5	ROUNDUP POWERMAX ZIDUA ROUNDUP POWERMAX ENGENIA	4.5 SL 85 WG 4.5 SL 5 SL		1 lb ae/a 0.106 lb ai/a 1 lb ae/a 0.5 lb ae/a		28.4 fl oz/a 2 oz wt/a 28.4 fl oz/a 12.8 fl oz/a		3DBP A 3DBP A 2-3"W B 2-3"W B			99 a	99 a	99 a	99 a	92 a	92 a
6	ROUNDUP POWERMAX ZIDUA ENGENIA ROUNDUP POWERMAX ENGENIA	4.5 SL 85 WG 5 SL 4.5 SL 5 SL		1 lb ae/a 0.106 lb ai/a 0.5 lb ae/a 1 lb ae/a 0.5 lb ae/a		28.4 fl oz/a 2 oz wt/a 12.8 fl oz/a 28.4 fl oz/a 12.8 fl oz/a		3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B			99 a	99 a	99 a	99 a	96 a	96 a
7	ROUNDUP POWERMAX ZIDUA ENGENIA ROUNDUP POWERMAX ENGENIA OUTLOOK	4.5 SL 85 WG 5 SL 4.5 SL 5 SL 6 EC		1 lb ae/a 0.106 lb ai/a 0.5 lb ae/a 1 lb ae/a 0.5 lb ae/a 0.75 lb ai/a		28.4 fl oz/a 2 oz wt/a 12.8 fl oz/a 28.4 fl oz/a 12.8 fl oz/a 16 fl oz/a		3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B 2-3"W B			99 a	99 a	99 a	99 a	96 a	96 a
8	ROUNDUP POWERMAX SHARPEN DREXEL MES-100 AMS ROUNDUP POWERMAX ENGENIA OUTLOOK	4.5 SL 2.85 SC 100 SL 100 SG 4.5 SL 5 SL 6 EC		1 lb ae/a 0.0223 lb ai/a 1 % v/v 1.02 % w/w 1 lb ae/a 0.5 lb ae/a 0.75 lb ai/a		28.4 fl oz/a 1 fl oz/a 1 % v/v 8.5 lb/100 gal 28.4 fl oz/a 12.8 fl oz/a 16 fl oz/a		3DBP A 3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B 2-3"W B			99 a	99 a	99 a	99 a	93 a	93 a
9	ROUNDUP POWERMAX ZIDUA SHARPEN DREXEL MES-100 AMS ROUNDUP POWERMAX ENGENIA	4.5 SL 85 WG 2.85 SC 100 SL 100 SG 4.5 SL 5 SL		1 lb ae/a 0.106 lb ai/a 0.0223 lb ai/a 1 % v/v 1.02 % w/w 1 lb ae/a 0.5 lb ae/a		28.4 fl oz/a 2 oz wt/a 1 fl oz/a 1 % v/v 8.5 lb/100 gal 28.4 fl oz/a 12.8 fl oz/a		3DBP A 3DBP A 3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B			99 a	99 a	99 a	99 a	93 a	93 a
10	ROUNDUP POWERMAX ZIDUA SHARPEN DREXEL MES-100 AMS ROUNDUP POWERMAX ENGENIA OUTLOOK	4.5 SL 85 WG 2.85 SC 100 SL 100 SG 4.5 SL 5 SL 6 EC		1 lb ae/a 0.106 lb ai/a 0.0223 lb ai/a 1 % v/v 1.02 % w/w 1 lb ae/a 0.5 lb ae/a 0.75 lb ai/a		28.4 fl oz/a 2 oz wt/a 1 fl oz/a 1 % v/v 8.5 lb/100 gal 28.4 fl oz/a 12.8 fl oz/a 16 fl oz/a		3DBP A 3DBP A 3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B 2-3"W B			99 a	99 a	99 a	99 a	80 a	80 a
11	ROUNDUP POWERMAX WARRANT ENGENIA ROUNDUP POWERMAX ENGENIA	4.5 SL 3 CS 5 SL 4.5 SL 5 SL		1 lb ae/a 1.12 lb ai/a 0.5 lb ae/a 1 lb ae/a 0.5 lb ae/a		28.4 fl oz/a 48 fl oz/a 12.8 fl oz/a 28.4 fl oz/a 12.8 fl oz/a		3DBP A 3DBP A 3DBP A 2-3"W B 2-3"W B			99 a	99 a	99 a	99 a	97 a	97 a

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			7-11-14	7-25-14	8-8-14	8-22-14	7-11-14	7-25-14	8-8-14	8-22-14
Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	Control Percent	Control Percent	Control Percent	Control Percent	Control Percent	Control Percent	Control Percent
				0 DAP	14 DAP	28 DAP	42 DAP	0 DAP	14 DAP	28 DAP
				3 DA-A	17 DA-A	3 DA-B	17 DA-B	3 DA-A	17 DA-A	3 DA-B
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Rate	Growth Unit	Appl Stage	Code	
12	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a	28.4 fl oz/a		3DBP A			
	VALOR SX	51 WG		0.064 lb ai/a	2 oz wt/a		3DBP A			
	ENGENIA	5 SL		0.5 lb ae/a	12.8 fl oz/a		3DBP A			
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a	28.4 fl oz/a		2-3"W B			
	WARRANT	3 CS		1.12 lb ai/a	48 fl oz/a		2-3"W B			
	ENGENIA	5 SL		0.5 lb ae/a	12.8 fl oz/a		2-3"W B			
13	LIBERTY 280	2.34 EC		0.583 lb ai/a	32 fl oz/a		3DBP A			
	ZIDUA	85 WG		0.106 lb ai/a	2 oz wt/a		3DBP A			
	AMS	100 SG		1.02 % w/w	8.5 lb/100 gal		3DBP A			
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a	28.4 fl oz/a		2-3"W B			
14	LIBERTY 280	2.34 EC		0.583 lb ai/a	32 fl oz/a		3DBP A			
	ZIDUA	85 WG		0.106 lb ai/a	2 oz wt/a		3DBP A			
	AMS	100 SG		1.02 % w/w	8.5 lb/100 gal		3DBP A			
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a	28.4 fl oz/a		2-3"W B			
	ENGENIA	5 SL		0.5 lb ae/a	12.8 fl oz/a		2-3"W B			
LSD (P=.05)				0.0	0.0	0.0	0.0	0.0	30.8	30.8
Standard Deviation				0.0	0.0	0.0	0.0	0.0	18.3	18.3
CV				0.0	0.0	0.0	0.0	0.0	20.29	20.29
Replicate F				0.000	0.000	0.000	0.000	0.000	1.166	1.166
Replicate Prob(F)				1.0000	1.0000	1.0000	1.0000	1.0000	0.3286	0.3286
Treatment F				0.000	0.000	0.000	0.000	0.000	1.000	1.000
Treatment Prob(F)				1.0000	1.0000	1.0000	1.0000	1.0000	0.4778	0.4778

BAS 183H Efficacy in Double Crop Soybeans.

Trial ID: 14-20B-S140 Location: Belleville Res. Center Trial Year: 2014
Investigator: Ronald F. Krausz

Trial Comments

1. Protocol: BASF (DEV-H-2014-US-D06-B-01).
2. Ratings: CI 14, 28, and 42 DAP, WC 0, 14, 28, and 42 DAP.
3. Crop destruct (no pods).
4. Photos.
5. Application A is planned for 3 DBP (days before planting) but less than 4 inch weeds.
6. Pull soil samples and send to Midwest Labs for basic soil test S1A.
7. Report data by Aug 15, 2014.
8. At 14 DAP lack of complete control of TRZAX (wheat, volunteer) following application A was due to new emergence and not recovery of plants that had been sprayed.
9. Not harvested, crop destruct on 8-27-14.