BASF Soybean Residual Programs.

Trial ID: 13-FagerS-BASF-programs Location: Murphysboro, IL Trial Year: 2013
Investigator: Bryan Young

Trial Status: F one-year/final
Initiation Date: 5-1-13
Completion Date: 7-1-13

Trial Location

City: Murphysboro **Country:** USA
State/Prov.: Illinois IL
Postal Code: 62966

Objectives:
Evaluate glyphosate-resistant waterhemp control from preemergence and postemergence herbicide programs.

Contacts

Study Director: Bryan Young **Title:** Professor
Organization: Southern Illinois University
Address: 1205 Lincoln Drive - AG 176 - MC 4415 **Phone No.:** 618-453-7679
City+State/Prov: Carbondale IL **Mobile No.:** 618-713-6471
Postal Code: 62901 **E-mail:** bgyoung@siu.edu
Country: USA

Crop Description

Crop 1: GLXMA Glycine max Soybean
Variety: AG3832 **BBCH Scale:** BSOY
Description: RR2Y
Planting Date: 5-1-13
Planting Rate, Unit: 140000 S/A **Planting Method:** SEEDED
Depth, Unit: 1 IN
Row Spacing, Unit: 30 IN

Pest Description

Pest 1 Type: W **Code:** AMATA Amaranthus rudis Sauer
Common Name: waterhemp, common
Description: glyphosate-resistant waterhemp

Site and Design

Treated Plot Width: 6.67 FT **Total Plot Width:** 10 FT **Site Type:** FIELD
Treated Plot Length: 30 FT **Total Plot Length:** 30 FT **Experimental Unit:** 1 PLOT
Tillage Type: NOTILL no-till
Replications: 3 **Study Design:** RACOBL Randomized Complete Block (RCB)
Untreated Arrangement: INCLUDED single control randomized in each block

No.	Previous Crop	Year
1.	GLXMA	2012

Maintenance

No.	Maintenance Product Name
1.	N 0 LB/A, P2O5 0 LB/A, K2O 0 LB/A

Soil Description

% OM: 1.87 **Texture:** SIL silt loam
pH: 5.5 **Soil Name:** Alvin
CEC: 7.06

Additional Measured Elements

Element	Quantity	Unit
P1	172	lb/A
K	446	lb/A

Moisture and Weather Conditions

Overall Moisture Conditions: NORMAL
Closest Weather Station: SOUTHERN IL AIRPORT (93810) **Distance, Unit:** 1.5 MI

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No.	Date	Amount	Unit	Type	Type Description	Interval	Unit	Min Temp	Max Temp	Temp Unit
1.	4-1-13					7	DAY	26	75	F
2.	4-8-13					7	DAY	32	81	F
3.	4-10-13	0.85	IN	RAIN	rain	2	DAY			
4.	4-15-13					7	DAY	32	83	F
5.	4-18-13	2.16	IN	RAIN	rain	1	DAY			
6.	4-22-13					7	DAY	32	72	F
7.	4-24-13	0.55	IN	RAIN	rain	2	DAY			
8.	4-27-13	0.37	IN	RAIN	rain	2	DAY			
9.	4-29-13					7	DAY	41	81	F
10.	5-3-13	1.33	IN	RAIN	rain	3	DAY			
11.	5-5-13	0.75	IN	RAIN	rain	2	DAY			
12.	5-6-13					7	DAY	41	80	F
13.	5-10-13	0.17	IN	RAIN	rain	3	DAY			
14.	5-13-13					7	DAY	37	87	F
15.	5-16-13	0.23	IN	RAIN	rain	2	DAY			
16.	5-20-13					7	DAY	43	85	F
17.	5-21-13	0.91	IN	RAIN	rain	1	DAY			
18.	5-27-13					7	DAY	59	86	F
19.	5-31-13	0.7	IN	RAIN	rain	3	DAY			
20.	6-1-13	1.67	IN	RAIN	rain	2	DAY			
21.	6-3-13					7	DAY	50	82	F
22.	6-10-13	0.13	IN	RAIN	rain	5	DAY			
23.	6-10-13					7	DAY	57	93	F
24.	6-17-13	0.36	IN	RAIN	rain	2	DAY			
25.	6-17-13					7	DAY	61	92	F
26.	6-22-13	0.34	IN	RAIN	rain	2	DAY			
27.	6-24-13					7	DAY	64	93	F
28.	6-26-13	1.25	IN	RAIN	rain	2	DAY			
29.	6-30-13	0.3	IN	RAIN	rain	2	DAY			

Application Description

	A	B	C
Application Date:	5-2-13	5-28-13	6-3-13
Appl. Start Time:	6:45	5:30	16:30
Appl. Stop Time:	7:15	5:45	17:15
Application Method:	Spray	Spray	Spray
Application Timing:	PRE	2-4"WH	V3
Application Placement:	BROSOI	BROFOL	BROFOL
Applied By:	LXF	RJW	BCS
Air Temperature, Unit:	60 F	74 F	77 F
% Relative Humidity:	82	75	57
Wind Velocity, Unit:	1 MPH	8 MPH	3 MPH
Wind Direction:	SW	S	SE
Dew Presence (Y/N):	Y	N	N
Soil Temperature, Unit:	52 F	70 F	74 F
Soil Moisture:	NORMAL	NORMAL	NORMAL
% Cloud Cover:	20	60	15
Next Moisture Occurred On:	5-2-13	5-30-13	6-9-13
Time to Next Moisture, Unit:	11 HR	62 HR	6 DAY

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Crop Stage At Each Application

	A	B	C
Crop 1 Code, BBCH Scale:	GLXMA	GLXMA	GLXMA
Stage Scale Used:	DESC	DESC	DESC
Stage Majority, Percent:	NA	V2	V3
Stage Minimum, Percent:		VC	V1
Stage Maximum, Percent:		V2	V3
Height, Unit:		4 IN	5 IN
Height Minimum, Maximum:		3 4	3 5

Pest Stage At Each Application

	A	B	C
Pest 1 Code, Type, Scale:	AMATA W	AMATA W	AMATA W
Stage Majority, Percent:	NA	8	18
Stage Minimum, Percent:		COTY	COTY
Stage Maximum, Percent:		12	25
Height, Unit:		3 IN	5 IN
Height Minimum, Maximum:		0.5 5	0.5 8
Density, Unit:		15 FT2	20 FT2

Application Equipment

	A	B	C
Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer
Equipment Type:	BACSPR	BACSPR	BACSPR
Operation Pressure, Unit:	30 PSI	30 PSI	30 PSI
Nozzle Type:	XR	XR	XR
Nozzle Size:	8002	8002	8002
Boom Length, Unit:	6.67 FT	6.67 FT	6.67 FT
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	GLXMA 5-16-13 Injury Percent 14 DA-A	GLXMA 6-3-13 Injury Percent 6 DA-B 0 DA-C	GLXMA 6-17-13 Injury Percent 14 DA-C	GLXMA 7-1-13 Injury Percent 28 DA-C
1	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"WH	B		0 b	3 c	1 a
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"WH	B				
	ROUNDUP POWERMAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
2	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"WH	B		0 b	13 ab	4 a
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"WH	B				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
3	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	2-4"WH	B		26 a	10 b	2 a
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	2-4"WH	B				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"WH	B				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
4	OPTILL PRO (CO-PACK)							PRE	A	0 a	0 b	10 b	3 a
	OPTILL	68	WG	0.085	lb ai/a	2	oz/a	PRE	A				
	OUTLOOK	6	EC	0.47	lb ai/a	10	fl oz/a	PRE	A				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
5	VERDICT	5.57	EC	0.218	lb ai/a	5	fl oz/a	PRE	A	0 a	0 b	13 ab	3 a
	OUTLOOK	6	EC	0.47	lb ai/a	10	fl oz/a	PRE	A				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
6	VERDICT	5.57	EC	0.218	lb ai/a	5	fl oz/a	PRE	A	0 a	0 b	12 ab	4 a
	ZIDUA	85	WG	0.106	lb ai/a	2	oz/a	PRE	A				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
7	PREFIX	5.29	EC	1.32	lb ai/a	2	pt/a	PRE	A	0 a	0 b	13 ab	6 a
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
8	FIERCE XLT	55.68	WG	0.104	lb ai/a	3	oz/a	PRE	A	0 a	0 b	12 ab	3 a
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
9	VALOR XLT	40.3	WG	0.0756	lb ai/a	3	oz/a	PRE	A	0 a	0 b	10 b	3 a
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				

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:Average=5

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	GLXMA 5-16-13 Injury Percent 14 DA-A	GLXMA 6-3-13 Injury Percent 6 DA-B 0 DA-C	GLXMA 6-17-13 Injury Percent 14 DA-C	GLXMA 7-1-13 Injury Percent 28 DA-C
10	AUTHORITY XL	70	WG	0.175	lb ai/a	4	oz/a	PRE	A	0 a	0 b	15 a	4 a
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
11	OPTILL PRO (CO-PACK)							PRE	A	0	0 b	13 ab	3 a
	OPTILL	68	WG	0.085	lb ai/a	2	oz/a	PRE	A				
	OUTLOOK	6	EC	0.47	lb ai/a	10	fl oz/a	PRE	A				
	OUTLOOK	6	EC	0.47	lb ai/a	10	fl oz/a	V3	C				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
12	VALOR XLT	40.3	WG	0.0756	lb ai/a	3	oz/a	PRE	A	0	0 b	15 a	3 a
	WARRANT	3	CS	1.13	lb ai/a	3	pt/a	V3	C				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
13	NONTREATED									0	0 b	0 c	0 a
LSD (P=.05)										0.0	0.5	4.1	3.6
Standard Deviation										0.0	0.3	2.4	2.1
CV										0.0	15.81	22.71	71.89
Replicate F										0.000	1.000	6.107	0.091
Replicate Prob(F)										1.0000	0.3827	0.0072	0.9131
Treatment F										0.000	1560.250	9.893	1.692
Treatment Prob(F)										1.0000	0.0001	0.0001	0.1319

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	AMATA-HR	AMATA-HR	AMATA-HR	AMATA-HR
	Pest Code									AMATA-HR	AMATA-HR	AMATA-HR	AMATA-HR
	Crop Code												
	Rating Date									5-16-13	6-3-13	6-17-13	7-1-13
	Rating Type									Control	Control	Control	Control
	Rating Unit									Percent	Percent	Percent	Percent
	Rating Timing										6 DA-B		
	Trt-Eval Interval									14 DA-A	0 DA-C	14 DA-C	28 DA-C
1	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"WH	B		57 de	75 cde	47 ef
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"WH	B				
	ROUNDUP POWERMAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
2	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"WH	B		53 e	81 bcd	58 cde
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"WH	B				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
3	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	2-4"WH	B		67 cd	68 e	38 f
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	2-4"WH	B				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"WH	B				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
4	OPTILL PRO (CO-PACK)							PRE	A	98 ab	37 f	67 e	51 ef
	OPTILL	68	WG	0.085	lb ai/a	2	oz/a	PRE	A				
	OUTLOOK	6	EC	0.47	lb ai/a	10	fl oz/a	PRE	A				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
5	VERDICT	5.57	EC	0.218	lb ai/a	5	fl oz/a	PRE	A	98 ab	58 de	80 bcd	72 bc
	OUTLOOK	6	EC	0.47	lb ai/a	10	fl oz/a	PRE	A				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
6	VERDICT	5.57	EC	0.218	lb ai/a	5	fl oz/a	PRE	A	99 a	95 a	95 a	77 ab
	ZIDUA	85	WG	0.106	lb ai/a	2	oz/a	PRE	A				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
7	PREFIX	5.29	EC	1.32	lb ai/a	2	pt/a	PRE	A	99 a	91 a	96 a	84 ab
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
8	FIERCE XLT	55.68	WG	0.104	lb ai/a	3	oz/a	PRE	A	99 a	75 bc	87 abc	70 bcd
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
9	VALOR XLT	40.3	WG	0.0756	lb ai/a	3	oz/a	PRE	A	99 a	74 bc	88 ab	72 bc
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				

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	Pest Code									AMATA-HR	AMATA-HR	AMATA-HR	AMATA-HR
	Crop Code												
	Rating Date									5-16-13	6-3-13	6-17-13	7-1-13
	Rating Type									Control	Control	Control	Control
	Rating Unit									Percent	Percent	Percent	Percent
	Rating Timing										6 DA-B		
	Trt-Eval Interval									14 DA-A	0 DA-C	14 DA-C	28 DA-C
10	AUTHORITY XL	70	WG	0.175	lb ai/a	4	oz/a	PRE	A	99 a	94 a	97 a	92 a
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
11	OPTILL PRO (CO-PACK)							PRE	A	93 b	50 e	73 de	53 def
	OPTILL	68	WG	0.085	lb ai/a	2	oz/a	PRE	A				
	OUTLOOK	6	EC	0.47	lb ai/a	10	fl oz/a	PRE	A				
	OUTLOOK	6	EC	0.47	lb ai/a	10	fl oz/a	V3	C				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
12	VALOR XLT	40.3	WG	0.0756	lb ai/a	3	oz/a	PRE	A	99 a	85 ab	90 ab	83 ab
	WARRANT	3	CS	1.13	lb ai/a	3	pt/a	V3	C				
	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	C				
	ULTRA BLAZER 2 EC	2	EC	0.375	lb ai/a	24	fl oz/a	V3	C				
	MSO (MSO ULTRA)	100	SL	1	% v/v	1	% v/v	V3	C				
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V3	C				
13	NONTREATED									0 c	0 g	0 f	0 g
	LSD (P=.05)									6.0	12.2	12.3	16.8
	Standard Deviation									3.5	7.3	7.3	10.0
	CV									3.97	11.29	9.52	16.24
	Replicate F									1.012	0.898	1.582	0.123
	Replicate Prob(F)									0.3832	0.4205	0.2263	0.8851
	Treatment F									235.820	40.457	35.856	18.107
	Treatment Prob(F)									0.0001	0.0001	0.0001	0.0001

Southern Illinois University

BASF Soybean Residual Programs.

Trial ID: 13-FagerS-BASF-programs Location: Murphysboro, IL Trial Year: 2013
Investigator: Bryan Young

Trial Comments

1. Protocol: BASF (AJ-3).
2. Ratings: CI/WC 14-21 DA-A, and 0, 14, and 28 DA-C.
3. Blanket burndown application of glyphosate (1.5 lbae/A) was applied to all plots on 4-13-13.
   Blanket prior to planting of Gramoxone (4 pt/A) was applied to all plots on 5-1-13.
4. Yield not requested.
5. AMATA-HR = Herbicide-resistant waterhemp (glyphosate).
6. Following the PRE application the first rainfall event, beginning the same day, was 2.08 inch over 4 days.
7. Not harvested.