

Southern Illinois University

Soybean Response to Glyphosate Tank-Mixtures: Weed Control.

Trial ID: 13-DSO-ISApotTM Location: De Soto, IL Trial Year: 2013
Investigator: Bryan Young

Trial Status: F one-year/final Initiation Date: 5-24-13 Completion Date: 8-13-13	Trial Location City: De Soto Country: USA State/Prov.: Illinois IL Postal Code: 62924
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Objectives:
Evaluate soybean response and glyphosate-resistant waterhemp control from glyphosate tank-mixtures.

Study Director: Bryan Young Organization: Southern Illinois University Address: 1205 Lincoln Drive - AG 176 - MC 4415 City+State/Prov: Carbondale IL Postal Code: 62901 Country: USA	Title: Professor Phone No.: 618-453-7679 Mobile No.: 618-713-6471 E-mail: bgyoung@siu.edu
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Crop 1: GLXMA Glycine max Soybean Variety: AG 4005 BBCH Scale: BSOY Description: RR1	Crop Description Planting Date: 5-24-13 Planting Method: SEEDED Planting Rate, Unit: 145000 S/A Depth, Unit: 1.75 IN Row Spacing, Unit: 30 IN
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Pest 1 Type: W Code: AMATA - Amaranthus rudis Sauer Common Name: waterhemp, common Description: glyphosate-resistant waterhemp	Pest Description
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Treated Plot Width: 6.67 FT Total Plot Width: 10 FT Treated Plot Length: 30 FT Total Plot Length: 30 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.	ZEAMX	2012

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

% Sand: 15.4 % OM: 2.15 Texture: SIL silt loam % Silt: 64.7 pH: 6.9 Soil Name: Okaw % Clay: 19.9 CEC: 12.4	Soil Description
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Element	Quantity	Unit
P1	94	lb/A
K	468	lb/A

Overall Moisture Conditions: NORMAL Closest Weather Station: SOUTHERN IL AIRPORT (93810)	Moisture and Weather Conditions 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.	5-3-13	1.33	IN	RAIN	rain	3	DAY			
2.	5-5-13	0.75	IN	RAIN	rain	2	DAY			
3.	5-6-13					7	DAY	41	80	F
4.	5-10-13	0.17	IN	RAIN	rain	3	DAY			
5.	5-13-13					7	DAY	37	87	F
6.	5-16-13	0.23	IN	RAIN	rain	2	DAY			
7.	5-20-13					7	DAY	43	85	F
8.	5-21-13	0.91	IN	RAIN	rain	1	DAY			
9.	5-27-13					7	DAY	59	86	F
10.	5-31-13	0.7	IN	RAIN	rain	3	DAY			
11.	6-1-13	1.67	IN	RAIN	rain	2	DAY			
12.	6-3-13					7	DAY	50	82	F
13.	6-10-13	0.13	IN	RAIN	rain	5	DAY			
14.	6-10-13					7	DAY	57	93	F
15.	6-17-13	0.36	IN	RAIN	rain	2	DAY			
16.	6-17-13					7	DAY	61	92	F
17.	6-22-13	0.34	IN	RAIN	rain	2	DAY			
18.	6-24-13					7	DAY	64	93	F
19.	6-26-13	1.25	IN	RAIN	rain	2	DAY			
20.	6-30-13	0.3	IN	RAIN	rain	2	DAY			
21.	7-1-13					7	DAY	57	88	F
22.	7-2-13	1.16	IN	RAIN	rain	2	DAY			
23.	7-8-13					7	DAY	59	92	F
24.	7-14-13	0.05	IN	RAIN	rain	5	DAY			
25.	7-15-13					7	DAY	68	93	F
26.	7-20-13	1.24	IN	RAIN	rain	2	DAY			

Application Description

	A
Application Date:	6-18-13
Appl. Start Time:	9:45
Appl. Stop Time:	10:15
Application Method:	Spray
Application Timing:	V2-V3
Application Placement:	BROFOL
Applied By:	RJW
Air Temperature, Unit:	83 F
% Relative Humidity:	62
Wind Velocity, Unit:	2 MPH
Wind Direction:	W
Dew Presence (Y/N):	N
Soil Temperature, Unit:	74 F
Soil Moisture:	NORMAL
% Cloud Cover:	10
Next Moisture Occurred On:	6-22-13
Time to Next Moisture, Unit:	4 DAY

Crop Stage At Each Application

	A
Crop 1 Code, BBCH Scale:	GLXMA
Stage Scale Used:	DESC
Stage Majority, Percent:	V3
Stage Minimum, Percent:	V2
Stage Maximum, Percent:	V3
Height, Unit:	7 IN
Height Minimum, Maximum:	5 7

Soybean Response to Glyphosate Tank-Mixtures: Weed Control.

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	A
Pest 1 Code, Type, Scale:	AMATA W
Stage Majority, Percent:	12
Stage Minimum, Percent:	4
Stage Maximum, Percent:	20
Height, Unit:	4 IN
Height Minimum, Maximum:	1 7
Density, Unit:	10 FT2

Application Equipment

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

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Pest Code		Crop Code		Rating Date		Rating Type		Rating Unit		Rating Timing		Trt-Eval Interval		GLXMA 6-22-13 Injury Percent	GLXMA 6-25-13 Injury Percent	GLXMA 7-2-13 Injury Percent	GLXMA 7-16-13 Injury Percent	GLXMA 8-13-13 Injury Percent
Trt Treatment		Form Form		Rate		Other Other		Growth Appl						4 DA-A	7 DA-A	14 DA-A	28 DA-A	56 DA-A
No.	Name	Conc	Type	Rate	Unit	Rate	Unit	Stage	Code									
1	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		0.77 lb ae/a 5 % v/v		22 fl oz/a 5 % v/v		V2-V3 V2-V3	A A	0 h		0 h		0 g		0 a		0 a
2	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		1.55 lb ae/a 5 % v/v		44 fl oz/a 5 % v/v		V2-V3 V2-V3	A A	0 h		0 h		0 g		0 a		0 a
3	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.094 lb ai/a 0.77 lb ae/a 5 % v/v		6 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	23 c		19 c		11 bc		0 a		0 a
4	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.094 lb ai/a 1.55 lb ae/a 5 % v/v		6 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	23 cd		20 c		12 b		0 a		0 a
5	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.188 lb ai/a 0.77 lb ae/a 5 % v/v		12 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	28 b		25 b		16 a		0 a		0 a
6	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.188 lb ai/a 1.55 lb ae/a 5 % v/v		12 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	32 a		28 a		16 a		0 a		0 a
7	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.235 lb ai/a 0.77 lb ae/a 5 % v/v		1 pt/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	16 e		12 e		6 ef		0 a		0 a
8	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.235 lb ai/a 1.55 lb ae/a 5 % v/v		1 pt/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	20 d		14 de		9 cd		0 a		0 a
9	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.375 lb ai/a 0.77 lb ae/a 5 % v/v		1.6 pt/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	23 cd		19 c		8 de		0 a		0 a
10	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.375 lb ai/a 1.55 lb ae/a 5 % v/v		1.6 pt/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	27 b		15 d		9 cd		0 a		0 a
11	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.00427 lb ai/a 0.77 lb ae/a 5 % v/v		0.6 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	6 g		5 g		5 f		0 a		0 a
12	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.00427 lb ai/a 1.55 lb ae/a 5 % v/v		0.6 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	5 g		5 g		5 f		0 a		0 a
13	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.0064 lb ai/a 0.77 lb ae/a 5 % v/v		0.9 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	7 g		7 fg		6 ef		0 a		0 a
14	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.0064 lb ai/a 1.55 lb ae/a 5 % v/v		0.9 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	11 f		9 f		6 ef		0 a		0 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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Pest Code		Crop Code		Rating Date		Rating Type		Rating Unit		Rating Timing		Trt-Eval Interval		GLXMA 6-22-13 Chlorosis Percent	GLXMA 6-25-13 Chlorosis Percent	GLXMA 7-2-13 Chlorosis Percent	GLXMA 7-16-13 Chlorosis Percent	GLXMA 8-13-13 Chlorosis Percent
Trt		Treatment		Form		Form		Rate		Other		Growth		4 DA-A	7 DA-A	14 DA-A	28 DA-A	56 DA-A
No.	Name	Conc	Type	Rate	Unit	Rate	Unit	Rate	Unit	Rate	Unit	Stage	Code					
1	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		0.77 lb ae/a 5 % v/v		22 fl oz/a 5 % v/v		V2-V3 V2-V3	A A					0 a	0 a	0 a	0 a	0 a
2	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		1.55 lb ae/a 5 % v/v		44 fl oz/a 5 % v/v		V2-V3 V2-V3	A A					0 a	0 a	0 a	0 a	0 a
3	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.094 lb ai/a 0.77 lb ae/a 5 % v/v		6 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A					0 a	0 a	0 a	0 a	0 a
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5	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.188 lb ai/a 0.77 lb ae/a 5 % v/v		12 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A					0 a	0 a	0 a	0 a	0 a
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11	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.00427 lb ai/a 0.77 lb ae/a 5 % v/v		0.6 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A					0 a	0 a	0 a	0 a	0 a
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Trt		Treatment		Form		Form		Rate		Other		Growth		4 DA-A	7 DA-A	14 DA-A	28 DA-A	56 DA-A
No.	Name	Conc	Type	Rate	Unit	Rate	Unit	Rate	Unit	Rate	Unit	Stage	Code					
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6	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.188 lb ai/a 1.55 lb ae/a 5 % v/v		12 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A					28 a	20 a	10 a	0 a	0 a
7	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.235 lb ai/a 0.77 lb ae/a 5 % v/v		1 pt/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A					16 d	10 ef	6 fg	0 a	0 a
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Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval							GLXMA 6-22-13 Stunt Percent	GLXMA 6-25-13 Stunt Percent	GLXMA 7-2-13 Stunt Percent	GLXMA 7-16-13 Stunt Percent	GLXMA 8-13-13 Stunt Percent
							4 DA-A	7 DA-A	14 DA-A	28 DA-A	56 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code		
1	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		0.77 lb ae/a 5 % v/v		22 fl oz/a 5 % v/v		V2-V3 V2-V3	A A	0 b	0 a
2	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		1.55 lb ae/a 5 % v/v		44 fl oz/a 5 % v/v		V2-V3 V2-V3	A A	0 b	0 a
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7	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.235 lb ai/a 0.77 lb ae/a 5 % v/v		1 pt/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	0 b	0 a
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9	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.375 lb ai/a 0.77 lb ae/a 5 % v/v		1.6 pt/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	0 b	0 a
10	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.375 lb ai/a 1.55 lb ae/a 5 % v/v		1.6 pt/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	0 b	0 a
11	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.00427 lb ai/a 0.77 lb ae/a 5 % v/v		0.6 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	0 b	0 a
12	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.00427 lb ai/a 1.55 lb ae/a 5 % v/v		0.6 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	0 b	0 a
13	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.0064 lb ai/a 0.77 lb ae/a 5 % v/v		0.9 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	0 b	0 a
14	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.0064 lb ai/a 1.55 lb ae/a 5 % v/v		0.9 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	0 b	0 a

[illegible]

Southern Illinois University

Soybean Response to Glyphosate Tank-Mixtures: Weed Control.

Trial ID: 13-DSO-ISAp0stTM Location: De Soto, IL Trial Year: 2013
Investigator: Bryan Young

Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval										AMATA-HR 6-25-13 Control Percent 7 DA-A	AMATA-HR 7-2-13 Control Percent 14 DA-A	AMATA-HR 7-16-13 Control Percent 28 DA-A	AMATA-HR 8-13-13 Control Percent 56 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		0.77 lb ae/a 5 % v/v		22 fl oz/a 5 % v/v		V2-V3 V2-V3	A A	67 d	66 b	48 def	20 efg
2	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		1.55 lb ae/a 5 % v/v		44 fl oz/a 5 % v/v		V2-V3 V2-V3	A A	68 d	71 b	62 bcd	53 bcd
3	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.094 lb ai/a 0.77 lb ae/a 5 % v/v		6 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	95 a	92 a	64 bcd	42 cde
4	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.094 lb ai/a 1.55 lb ae/a 5 % v/v		6 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	93 a	92 a	62 bcd	53 bcd
5	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.188 lb ai/a 0.77 lb ae/a 5 % v/v		12 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	97 a	91 a	67 bcd	47 bcd
6	COBRA ROUNDUP POWERMAX N-PAK AMS	2 EC 4.5 SL 100 SL		0.188 lb ai/a 1.55 lb ae/a 5 % v/v		12 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	97 a	94 a	72 abc	63 abc
7	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.235 lb ai/a 0.77 lb ae/a 5 % v/v		1 pt/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	97 a	93 a	67 bcd	55 bcd
8	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.235 lb ai/a 1.55 lb ae/a 5 % v/v		1 pt/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	96 a	96 a	73 ab	67 ab
9	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.375 lb ai/a 0.77 lb ae/a 5 % v/v		1.6 pt/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	97 a	94 a	78 ab	65 abc
10	FLEXSTAR ROUNDUP POWERMAX N-PAK AMS	1.88 EC 4.5 SL 100 SL		0.375 lb ai/a 1.55 lb ae/a 5 % v/v		1.6 pt/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	96 a	97 a	93 a	87 a
11	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.00427 lb ai/a 0.77 lb ae/a 5 % v/v		0.6 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	78 bc	69 b	32 ef	7 g
12	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.00427 lb ai/a 1.55 lb ae/a 5 % v/v		0.6 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	84 b	86 a	62 bcd	52 bcd
13	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.0064 lb ai/a 0.77 lb ae/a 5 % v/v		0.9 fl oz/a 22 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	74 cd	50 c	27 f	13 fg
14	CADET ROUNDUP POWERMAX N-PAK AMS	0.91 EC 4.5 SL 100 SL		0.0064 lb ai/a 1.55 lb ae/a 5 % v/v		0.9 fl oz/a 44 fl oz/a 5 % v/v		V2-V3 V2-V3 V2-V3	A A A	83 b	88 a	50 cde	37 def

Southern Illinois University

Soybean Response to Glyphosate Tank-Mixtures: Weed Control.

Trial ID: 13-DSO-ISApstTM Location: De Soto, IL Trial Year: 2013
Investigator: Bryan Young

Pest Code										AMATA-HR	AMATA-HR	AMATA-HR	AMATA-HR
Crop Code										6-25-13	7-2-13	7-16-13	8-13-13
Rating Date										Control	Control	Control	Control
Rating Type										Percent	Percent	Percent	Percent
Rating Unit													
Rating Timing													
Trt-Eval Interval										7 DA-A	14 DA-A	28 DA-A	56 DA-A
Trt Treatment	Form	Form	Rate	Other	Other	Growth	Appl						
No. Name	Conc	Type	Rate	Unit	Rate	Rate	Unit	Stage	Code				
15 NONTREATED										0 e	0 d	0 g	0 g
LSD (P=.05)										8.2	12.5	22.3	25.6
Standard Deviation										4.9	7.4	13.3	15.3
CV										6.03	9.47	23.37	34.75
Replicate F										2.592	1.737	0.485	0.150
Replicate Prob(F)										0.0928	0.1946	0.6207	0.8616
Treatment F										77.995	35.894	9.041	7.726
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Soybean Response to Glyphosate Tank-Mixtures: Weed Control.

Trial ID: 13-DSO-ISApstTM Location: De Soto, IL Trial Year: 2013
Investigator: Bryan Young

Trial Comments

1. Protocol: ISA.
2. Ratings: CI (overall, stunting, chlorosis, necrosis) at 4, 7, 14, 28, and 56 DAT.
WC at 7, 14, 28, and 56 DAT.
3. Blanket burndown of glyphosate (1.5 lbae/A) plus Salvo (12 floz/A) was applied to all plots on 4-2-13.
Blanket prior to planting of Gramoxone (3 pt/A) + Warrior (1.92 oz/A) was applied to all plots on 5-20-13.
4. AMATA-HR = Herbicide-resistant waterhemp (glyphosate).
5. Following the V2-V3 application the first rainfall event, beginning 4 days later, was 0.34 inch over 2 days.
6. Yield not required.