

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
Investigator: Bryan Young

Investigator: Bryan Young, Associate Professor, Southern Illinois University

City State Zip Country: Belleville IL 62221 USA
Trial Status: Final Updated: 12-01-05

Weed Code	Common Name	Scientific Name
1. AMBTR	ragweed, giant	Ambrosia trifida L.
2. ABUTH	velvetleaf	Abutilon theophrasti Medicus
3. SETFA	foxtail, giant	Setaria faberi Herrm.
4. IPOSS	morningglory, species	Ipomoea sp.
5. CYPES	nutsedge, yellow	Cyperus esculentus L.
6. AMATA	waterhemp, common	Amaranthus rudis Sauer

Crop 1: GLXMA soybean Variety: See treatment list
Planting Method: Seeded Planting Date: 5-12-05
Rate: 75 lb/A Depth: 1.0 IN
Row Spacing: 30 IN

Plot Width, Unit: 10 FT Plot Length, Unit: 27 FT Reps: 4
Tillage Type: Reduced-Till Study Design: Factorial
Previous Crop, Year: ZEAMX, 2004

Field Prep./Maintenance: N 0 LB/A, P205 50 LB/A, K20 100 LB/A

Soil Name: Weir % OM: 2.2 pH: 6.3 CEC: 11
Texture: Silt loam Fert. Level: P1: 67 LB/A, K: 376 LB/A

APPLICATION DESCRIPTION

	A	B	C	D	E	F	G
Application Date:	05-13-05	06-01-05	06-02-05	06-13-05	06-27-05	07-05-05	
Time of Day:	10:00	10:30	9:30	8:30	9:15	9:00	
Application Method:	Spray	Spray	Spray	Spray	Spray	Spray	Not applied
Application Timing:	PRE	2"W	V1	V3	V5	V7	PREHAR
Applic. Placement:	BROSIOI	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL
Air Temp., Unit:	80 F	75 F	68 F	74 F	80 F	71 F	
% Relative Humidity:	56	42	90	96	80	80	
Wind Velocity, Unit:	7 MPH	7 MPH	4-6 MPH	6 MPH	2 MPH	2-4 MPH	
Soil Moisture:	NORMAL	BELNOR	BELMOR	NORMAL	NORMAL	ABONOR	

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F	G
Crop 1 Code, Stage:	GLXMA NA	GLXMA V1	GLXMA V1	GLXMA V3	GLXMA V5-V6	GLXMA V7	GLXMA NA
Height, Unit:	NA NA	3-4 IN	3-4 IN	5-6 IN	12 IN	15-17 IN	NA NA

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F	G
Weed 1 Code:		AMBTR	AMBTR	AMBTR	AMBTR	AMBTR	
Stage (leaves):		4-6	4-6	8-10	10-14	10-14	
Height (inches):		1-3	1-3	5-8	15-23	23-28	
Density:		Medium	Medium	Medium	Medium	Medium	
Weed 2 Code:		ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	
Stage (leaves):		3-5	3-5	6-7	5-7	5-7	
Height (inches):		1-2	1-2	4-6	8-18	17-19	
Density:		Medium	Medium	Medium	Medium	Low	
Weed 3 Code:		SETFA	SETFA	SETFA	SETFA	SETFA	
Stage (leaves):		3-5	3-5	4-5	5-7	5-8	
Height (inches):		1-2	1-2	4-5	4-8	11-13	
Density:		Medium	Medium	Medium	Medium	Medium	
Weed 4 Code:		IPOSS	IPOSS	IPOSS	IPOSS	IPOSS	
Stage (leaves):		2-3	2-3	6-10	6-12	7-12	
Height (inches):		0.5-1	0.5-1	6-8	6-11	6-10	
Density:		Low	Low	Low	Low	Low	
Weed 5 Code:		CYPES	CYPES	CYPES	CYPES	CYPES	
Stage (leaves):		3-6	3-6	8-10	8-12	6-8	
Height (inches):		3-5	2-5	4-5	5-8	6-8	
Density:		Low	Low	Low	Medium	Low	
Weed 6 Code:			AMATA	AMATA	AMATA	AMATA	
Stage (leaves):			3-5	8-10	8-12	8-12	
Height (inches):			0.5-1.5	5-7	5-10	8-12	
Density:			Low	Medium	Low	Medium	

APPLICATION EQUIPMENT

	A	B	C	D	E	F	G
Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer	CO2 sprayer	CO2 sprayer	CO2 sprayer	CO2 sprayer
Operating Pressure:	40 PSI	40 PSI	40 PSI	40 PSI	40 PSI	40 PSI	40 PSI
Nozzle Type:	Flat fan	Flat fan	Flat fan	Flat fan	Flat fan	Flat fan	Flat fan
Nozzle Size:	8003	8003	8003	8003	8003	8003	8003
Boom Length, Unit:	10 FT	10 FT	10 FT	10 FT	10 FT	10 FT	10 FT
Spray Volume, Unit:	20 GPA	20 GPA	20 GPA	20 GPA	20 GPA	20 GPA	20 GPA

NOTES:

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Weed Code											SETFA	AMBTR	XANST	IPOHE	AMATA
Crop Code											GLXMA	GLXMA	GLXMA		
Rating Data Type											Moisture	Test wt.	Yield	Control	Control
Rating Unit											Percent	lb/bu	bu/A	Percent	Percent
Rating Date														Percent	Percent
Trt-Eval Interval											09-21-05	09-21-05	09-21-05	09-21-05	09-21-05

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code							
1	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	13.4	51.4	54	100	100	100	100
1	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B							
2	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C	14.8	50.4	40	100	13	98	55
3	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D	12.0	48.4	23	100	0	98	92
4	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E	12.9	50.0	32	100	92	100	63
5	ROUNDUP W-MAX 92M40	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F	12.8	50.2	25	100	85	98	75
6	ROUNDUP W-MAX 92M40	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G	7.3	24.4	8	0	0	0	0
7	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	14.6	50.3	40	100	100	100	100
7	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B							
8	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C	11.8	51.3	21	100	0	98	60
9	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D	12.3	41.6	16	100	0	100	84
10	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E	12.8	50.1	25	100	66	100	68
11	ROUNDUP W-MAX 92M32	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F	11.2	49.3	23	100	80	100	33
12	ROUNDUP W-MAX 92M32	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G	10.5	31.1	9	23	0	0	0
13	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	12.2	55.4	60	100	100	100	100
13	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B							
14	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C	14.6	53.6	43	98	39	98	78
15	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D	12.9	45.2	15	88	0	100	92
16	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E	13.2	54.3	49	100	85	100	92
17	ROUNDUP W-MAX 93B67	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F	13.2	55.0	47	100	77	100	84
18	ROUNDUP W-MAX 93B67	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G	11.5	35.6	10	0	0	0	0
19	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	12.8	54.9	59	100	100	100	100
19	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B							
20	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C	14.0	54.0	38	75	23	100	58
21	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D	14.9	48.6	30	100	23	98	67
22	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E	12.7	54.8	52	100	88	100	95
23	ROUNDUP W-MAX 93M41	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F	13.4	54.5	50	100	90	100	92

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Crop Code										GLXMA	GLXMA	GLXMA		
Rating Data Type										Moisture	Test wt.	Yield	Control	Control
Rating Unit										Percent	lb/bu	bu/A	Percent	Percent
Rating Date													Percent	Percent
Trt-Eval Interval										09-21-05	09-21-05	09-21-05	09-21-05	09-21-05

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Moisture Percent	GLXMA Test wt. lb/bu	GLXMA Yield bu/A	SETFA Control Percent 09-21-05	AMBTR Control Percent 09-21-05	XANST Control Percent 09-21-05	IPOHE Control Percent 09-21-05	AMATA Control Percent 09-21-05
24	ROUNDUP W-MAX 93M41	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G	13.3	45.9	17	0	0	0	0	0
25	BOUNDARY 25 94B13	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE 2"W	A	15.9	55.0	58	100	100	100	100	100
26	ROUNDUP W-MAX 26 94B13	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C	16.9	53.6	44	100	35	100	63	88
27	ROUNDUP W-MAX 27 94B13	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D	15.8	53.8	27	100	0	98	72	97
28	ROUNDUP W-MAX 28 94B13	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E	15.8	54.8	57	100	90	100	95	100
29	ROUNDUP W-MAX 29 94B13	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F	15.8	54.8	54	100	86	100	92	100
30	ROUNDUP W-MAX 30 94B13	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G	15.0	45.6	19	0	0	0	0	0
31	BOUNDARY 31 94M30	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE 2"W	A	15.0	55.3	64	100	100	100	100	100
32	ROUNDUP W-MAX 32 94M30	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C	15.3	54.7	46	98	19	100	94	97
33	ROUNDUP W-MAX 33 94M30	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D	15.4	53.9	34	100	0	100	82	95
34	ROUNDUP W-MAX 34 94M30	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E	11.2	41.2	62	100	89	100	92	100
35	ROUNDUP W-MAX 35 94M30	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F	14.5	55.7	59	100	95	100	92	100
36	ROUNDUP W-MAX 36 94M30	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G	16.1	51.6	15	0	0	0	0	0
LSD (P=.05)										3.13	9.67	9.2	17.0	26.8	2.9	27.8	17.9
Replicate F										0.784	4.180	0.829	0.150	0.881	6.951	4.838	3.309
Replicate Prob(F)										0.5053	0.0077	0.4808	0.9293	0.4536	0.0003	0.0034	0.0230
Treatment F										3.018	4.309	28.359	35.631	20.265	1322.709	12.332	33.589
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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Weed Code
 Crop Code
 Rating Data Type
 Rating Unit
 Rating Date
 Trt-Eval Interval

GLXMA GLXMA GLXMA GLXMA
 Plants Plants Plants Canopy
 1m/row 1m/row 1m/row DAP
 06-07-05 06-07-05 06-07-05
 Row1 Row2 Row3

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Plants 06-07-05 Row1	GLXMA Plants 06-07-05 Row2	GLXMA Plants 06-07-05 Row3	GLXMA Canopy DAP
1	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	24	27	26	85
1	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B				
1	92M40												
2	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C				
2	92M40												
3	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D				
3	92M40												
4	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E				
4	92M40												
5	ROUNDUP W-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F				
5	92M40												
6	ROUNDUP W-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G				
6	92M40												
7	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	24	26	26	89
7	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B				
7	92M32												
8	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C				
8	92M32												
9	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D				
9	92M32												
10	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E				
10	92M32												
11	ROUNDUP W-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F				
11	92M32												
12	ROUNDUP W-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G				
12	92M32												
13	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	25	20	22	70
13	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B				
13	93B67												
14	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C				
14	93B67												
15	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D				
15	93B67												
16	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E				
16	93B67												
17	ROUNDUP W-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F				
17	93B67												
18	ROUNDUP W-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G				
18	93B67												
19	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	20	24	22	68
19	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B				
19	93M41												
20	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C				
20	93M41												
21	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D				
21	93M41												
22	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E				
22	93M41												
23	ROUNDUP W-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F				
23	93M41												

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GLXMA GLXMA GLXMA GLXMA
 Plants Plants Plants Canopy
 1m/row 1m/row 1m/row DAP
 06-07-05 06-07-05 06-07-05
 Row1 Row2 Row3

Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code				
24	ROUNDUP W-MAX 93M41	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G				
25	BOUNDARY 25 94B13	6.5	EC	1.22 lb ai/a	1.5 pt/a		PRE	A	23	23	26	70
25	ROUNDUP W-MAX 25 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		2"W	B				
26	ROUNDUP W-MAX 26 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V1	C				
27	ROUNDUP W-MAX 27 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V3	D				
28	ROUNDUP W-MAX 28 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V5	E				
29	ROUNDUP W-MAX 29 94B13	4.5	SL	1.55 lb ae/a	44 fl oz/a		V7	F				
30	ROUNDUP W-MAX 30 94B13	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G				
31	BOUNDARY 31 94M30	6.5	EC	1.22 lb ai/a	1.5 pt/a		PRE	A	25	24	27	69
31	ROUNDUP W-MAX 31 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		2"W	B				
32	ROUNDUP W-MAX 32 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V1	C				
33	ROUNDUP W-MAX 33 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V3	D				
34	ROUNDUP W-MAX 34 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V5	E				
35	ROUNDUP W-MAX 35 94M30	4.5	SL	1.55 lb ae/a	44 fl oz/a		V7	F				
36	ROUNDUP W-MAX 36 94M30	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G				
LSD (P=.05)									5.2	5.2	4.5	2.4
Replicate F									0.535	1.725	0.963	5.364
Replicate Prob(F)									0.6653	0.2047	0.4359	0.0104
Treatment F									1.063	1.732	1.755	141.000
Treatment Prob(F)									0.4188	0.1880	0.1829	0.0001

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Weed Code
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 Rating Data Type
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 Trt-Eval Interval

GLXMA GLXMA GLXMA GLXMA GLXMA GLXMA
 Height Height Height Height Height Height
 Inches Inches Inches Inches Inches Inches
 07-05-05 07-05-05 07-05-05 07-05-05 07-05-05 07-05-05
 Row2Pit1 Row2Pit2 Row2Pit3 Row3Pit1 Row3Pit2 Row3Pit3

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Row2Pit1	GLXMA Row2Pit2	GLXMA Row2Pit3	GLXMA Row3Pit1	GLXMA Row3Pit2	GLXMA Row3Pit3
1	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	18	17	18	19	19	19
1	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
2	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
3	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
4	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
5	ROUNDUP W-MAX 92M40	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
6	ROUNDUP W-MAX 92M40	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
7	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	16	15	15	16	15	16
7	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
8	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
9	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
10	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
11	ROUNDUP W-MAX 92M32	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
12	ROUNDUP W-MAX 92M32	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
13	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	19	20	20	20	20	20
13	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
14	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
15	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
16	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
17	ROUNDUP W-MAX 93B67	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
18	ROUNDUP W-MAX 93B67	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
19	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	16	19	18	18	18	18
19	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
20	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
21	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
22	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
23	ROUNDUP W-MAX 93M41	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Height Inches 07-05-05 Row2Pit1	GLXMA Height Inches 07-05-05 Row2Pit2	GLXMA Height Inches 07-05-05 Row2Pit3	GLXMA Height Inches 07-05-05 Row3Pit1	GLXMA Height Inches 07-05-05 Row3Pit2	GLXMA Height Inches 07-05-05 Row3Pit3
24	ROUNDUP W-MAX 93M41	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
25	BOUNDARY 25 94B13	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	18	17	17	18	18	18
25	ROUNDUP W-MAX 25 94B13	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
26	ROUNDUP W-MAX 26 94B13	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
27	ROUNDUP W-MAX 27 94B13	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
28	ROUNDUP W-MAX 28 94B13	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
29	ROUNDUP W-MAX 29 94B13	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
30	ROUNDUP W-MAX 30 94B13	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
31	BOUNDARY 31 94M30	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	16	16	16	17	17	16
31	ROUNDUP W-MAX 31 94M30	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
32	ROUNDUP W-MAX 32 94M30	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
33	ROUNDUP W-MAX 33 94M30	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
34	ROUNDUP W-MAX 34 94M30	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
35	ROUNDUP W-MAX 35 94M30	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
36	ROUNDUP W-MAX 36 94M30	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
LSD (P=.05)										1.6	2.1	1.9	1.9	1.6	1.9
Replicate F										1.029	1.715	5.175	2.393	3.024	5.426
Replicate Prob(F)										0.4077	0.2067	0.0118	0.1092	0.0625	0.0099
Treatment F										6.706	5.581	6.147	5.143	10.619	6.574
Treatment Prob(F)										0.0018	0.0042	0.0027	0.0060	0.0002	0.0020

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Width Inches 07-05-05 Row2Pit1	GLXMA Width Inches 07-05-05 Row2Pit2	GLXMA Width Inches 07-05-05 Row2Pit3	GLXMA Width Inches 07-05-05 Row3Pit1	GLXMA Width Inches 07-05-05 Row3Pit2	GLXMA Width Inches 07-05-05 Row3Pit3
1	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	22	22	21	22	23	21
1	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
2	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
3	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
4	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
5	ROUNDUP W-MAX 92M40	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
6	ROUNDUP W-MAX 92M40	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
7	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	22	21	23	23	23	23
7	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
8	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
9	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
10	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
11	ROUNDUP W-MAX 92M32	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
12	ROUNDUP W-MAX 92M32	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
13	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	25	25	24	25	24	23
13	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
14	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
15	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
16	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
17	ROUNDUP W-MAX 93B67	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
18	ROUNDUP W-MAX 93B67	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
19	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	23	22	23	23	21	23
19	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
20	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
21	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
22	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
23	ROUNDUP W-MAX 93M41	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Width Inches 07-05-05 Row2Pit1	GLXMA Width Inches 07-05-05 Row2Pit2	GLXMA Width Inches 07-05-05 Row2Pit3	GLXMA Width Inches 07-05-05 Row3Pit1	GLXMA Width Inches 07-05-05 Row3Pit2	GLXMA Width Inches 07-05-05 Row3Pit3
24	ROUNDUP W-MAX 93M41	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G						
25	BOUNDARY 25 94B13	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A	23	22	23	24	23	23
26	ROUNDUP W-MAX 26 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C						
27	ROUNDUP W-MAX 27 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D						
28	ROUNDUP W-MAX 28 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E						
29	ROUNDUP W-MAX 29 94B13	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F						
30	ROUNDUP W-MAX 30 94B13	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G						
31	BOUNDARY 31 94M30	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A	23	24	21	22	23	22
32	ROUNDUP W-MAX 32 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C						
33	ROUNDUP W-MAX 33 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D						
34	ROUNDUP W-MAX 34 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E						
35	ROUNDUP W-MAX 35 94M30	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F						
36	ROUNDUP W-MAX 36 94M30	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G						
LSD (P=.05)									2.4	3.3	2.6	2.6	2.4	2.7
Replicate F									0.617	1.338	2.717	1.392	1.251	2.299
Replicate Prob(F)									0.6146	0.2994	0.0816	0.2838	0.3264	0.1190
Treatment F									1.723	1.690	2.413	1.319	0.982	1.208
Treatment Prob(F)									0.1899	0.1976	0.0853	0.3084	0.4602	0.3525

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Height Inches 07-19-05 Row2Pit1	GLXMA Height Inches 07-19-05 Row2Pit2	GLXMA Height Inches 07-19-05 Row2Pit3	GLXMA Height Inches 07-19-05 Row3Pit1	GLXMA Height Inches 07-19-05 Row3Pit2	GLXMA Height Inches 07-19-05 Row3Pit3
1	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	31	31	32	31	31	30
1	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
2	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
3	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
4	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
5	ROUNDUP W-MAX 92M40	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
6	ROUNDUP W-MAX 92M40	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
7	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	24	25	27	26	24	23
7	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
8	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
9	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
10	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
11	ROUNDUP W-MAX 92M32	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
12	ROUNDUP W-MAX 92M32	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
13	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	37	38	39	38	37	38
13	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
14	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
15	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
16	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
17	ROUNDUP W-MAX 93B67	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
18	ROUNDUP W-MAX 93B67	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
19	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	34	36	35	36	34	35
19	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
20	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
21	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
22	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
23	ROUNDUP W-MAX 93M41	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Height Inches 07-19-05 Row2Pit1	GLXMA Height Inches 07-19-05 Row2Pit2	GLXMA Height Inches 07-19-05 Row2Pit3	GLXMA Height Inches 07-19-05 Row3Pit1	GLXMA Height Inches 07-19-05 Row3Pit2	GLXMA Height Inches 07-19-05 Row3Pit3
24	ROUNDUP W-MAX 93M41	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
25	BOUNDARY 25 94B13	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	41	42	43	42	42	43
26	ROUNDUP W-MAX 26 94B13	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
27	ROUNDUP W-MAX 27 94B13	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
28	ROUNDUP W-MAX 28 94B13	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
29	ROUNDUP W-MAX 29 94B13	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
30	ROUNDUP W-MAX 30 94B13	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
31	BOUNDARY 31 94M30	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	42	41	41	42	41	43
32	ROUNDUP W-MAX 32 94M30	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
33	ROUNDUP W-MAX 33 94M30	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
34	ROUNDUP W-MAX 34 94M30	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
35	ROUNDUP W-MAX 35 94M30	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
36	ROUNDUP W-MAX 36 94M30	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
LSD (P=.05)										3.2	2.7	3.2	3.4	3.1	4.1
Replicate F										2.141	1.211	3.665	2.107	3.207	3.580
Replicate Prob(F)										0.1378	0.3400	0.0367	0.1423	0.0535	0.0393
Treatment F										38.282	51.842	32.549	30.641	40.875	31.277
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code
 Crop Code
 Rating Data Type
 Rating Unit
 Rating Date
 Trt-Eval Interval

GLXMA GLXMA GLXMA GLXMA GLXMA GLXMA
 Width Width Width Width Width Width
 Inches Inches Inches Inches Inches Inches
 07-19-05 07-19-05 07-19-05 07-19-05 07-19-05 07-19-05
 Row2Pit1 Row2Pit2 Row2Pit3 Row3Pit1 Row3Pit2 Row3Pit3

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Row2Pit1	GLXMA Row2Pit2	GLXMA Row2Pit3	GLXMA Row3Pit1	GLXMA Row3Pit2	GLXMA Row3Pit3
1	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	24	23	24	22	23	22
1	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
2	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
3	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
4	ROUNDUP W-MAX 92M40	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
5	ROUNDUP W-MAX 92M40	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
6	ROUNDUP W-MAX 92M40	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
7	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	21	24	23	25	23	22
7	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
8	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
9	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
10	ROUNDUP W-MAX 92M32	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
11	ROUNDUP W-MAX 92M32	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
12	ROUNDUP W-MAX 92M32	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
13	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	27	27	26	26	24	25
13	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
14	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
15	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
16	ROUNDUP W-MAX 93B67	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
17	ROUNDUP W-MAX 93B67	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						
18	ROUNDUP W-MAX 93B67	4.5	SL	1.55	lb ae/a	44	fl oz/a	PREHAR	G						
19	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	25	24	24	24	26	26
19	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	2"W	B						
20	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V1	C						
21	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V3	D						
22	ROUNDUP W-MAX 93M41	4.5	SL	0.77	lb ae/a	22	fl oz/a	V5	E						
23	ROUNDUP W-MAX 93M41	4.5	SL	1.55	lb ae/a	44	fl oz/a	V7	F						

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	GLXMA Width Inches	GLXMA Width Inches	GLXMA Width Inches	GLXMA Width Inches	GLXMA Width Inches	GLXMA Width Inches			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Row2Pit1	Row2Pit2	Row2Pit3	Row3Pit1	Row3Pit2	Row3Pit3
24	ROUNDUP W-MAX 93M41	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G						
25	BOUNDARY 25 94B13	6.5	EC	1.22 lb ai/a	1.5 pt/a		PRE	A	29	29	29	30	29	31
26	ROUNDUP W-MAX 26 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V1	C						
27	ROUNDUP W-MAX 27 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V3	D						
28	ROUNDUP W-MAX 28 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V5	E						
29	ROUNDUP W-MAX 29 94B13	4.5	SL	1.55 lb ae/a	44 fl oz/a		V7	F						
30	ROUNDUP W-MAX 30 94B13	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G						
31	BOUNDARY 31 94M30	6.5	EC	1.22 lb ai/a	1.5 pt/a		PRE	A	28	27	30	29	28	29
32	ROUNDUP W-MAX 32 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V1	C						
33	ROUNDUP W-MAX 33 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V3	D						
34	ROUNDUP W-MAX 34 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V5	E						
35	ROUNDUP W-MAX 35 94M30	4.5	SL	1.55 lb ae/a	44 fl oz/a		V7	F						
36	ROUNDUP W-MAX 36 94M30	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G						
LSD (P=.05)									3.5	3.4	2.9	2.3	3.1	3.0
Replicate F									0.429	1.608	1.389	0.928	1.133	3.385
Replicate Prob(F)									0.7355	0.2294	0.2846	0.4513	0.3673	0.0461
Treatment F									5.547	4.203	9.463	16.157	6.711	12.963
Treatment Prob(F)									0.0043	0.0138	0.0003	0.0001	0.0018	0.0001

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	AMBTR	AMATA	AMBEL	SETFA	CYPES	CHEAL	PHBPU	POLPY	XANST	IPOHE
Crop Code										
Rating Data Type	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants
Rating Unit	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2
Rating Date										
Trt-Eval Interval	Count1	Count1	Count1	Count1	Count1	Count1	Count1	Count1	Count1	Count1

Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code										
1	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A										
1	ROUNDUP W-MAX 92M40	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B										
2	ROUNDUP W-MAX 92M40	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C										
3	ROUNDUP W-MAX 92M40	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D										
4	ROUNDUP W-MAX 92M40	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E										
5	ROUNDUP W-MAX 92M40	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F										
6	ROUNDUP W-MAX 92M40	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	6.5	9.0	0.3	17.5	7.0	0.3	1.5	0.5	0.3	2.5
7	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A										
7	ROUNDUP W-MAX 92M32	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B										
8	ROUNDUP W-MAX 92M32	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C										
9	ROUNDUP W-MAX 92M32	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D										
10	ROUNDUP W-MAX 92M32	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E										
11	ROUNDUP W-MAX 92M32	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F										
12	ROUNDUP W-MAX 92M32	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	4.8	32.3	0.0	29.5	3.0	0.3	0.0	0.3	1.0	0.5
13	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A										
13	ROUNDUP W-MAX 93B67	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B										
14	ROUNDUP W-MAX 93B67	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C										
15	ROUNDUP W-MAX 93B67	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D										
16	ROUNDUP W-MAX 93B67	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E										
17	ROUNDUP W-MAX 93B67	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F										
18	ROUNDUP W-MAX 93B67	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	2.5	36.8	0.5	41.3	1.8	0.3	0.8	1.3	0.5	1.8
19	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A										
19	ROUNDUP W-MAX 93M41	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B										
20	ROUNDUP W-MAX 93M41	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C										
21	ROUNDUP W-MAX 93M41	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D										
22	ROUNDUP W-MAX 93M41	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E										
23	ROUNDUP W-MAX 93M41	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F										

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	AMBTR	AMATA	AMBEL	SETFA	CYPES	CHEAL	PHBPU	POLPY	XANST	IPOHE
Crop Code										
Rating Data Type	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants
Rating Unit	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2
Rating Date										
Trt-Eval Interval	Count1	Count1	Count1	Count1	Count1	Count1	Count1	Count1	Count1	Count1

Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code										
24	ROUNDUP W-MAX 93M41	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	4.8	27.0	1.0	57.5	1.0	0.8	0.3	0.8	0.3	1.5
25	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A										
25	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B										
26	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C										
27	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D										
28	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E										
29	ROUNDUP W-MAX 94B13	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F										
30	ROUNDUP W-MAX 94B13	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	4.8	34.0	0.8	14.0	3.3	0.5	0.3	2.0	0.5	2.5
31	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A										
31	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B										
32	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C										
33	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D										
34	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E										
35	ROUNDUP W-MAX 94M30	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F										
36	ROUNDUP W-MAX 94M30	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	6.5	22.0	0.5	13.3	0.8	0.5	0.0	0.3	0.0	4.5
LSD (P=.05)									4.57	22.50	1.34	42.25	4.68	0.94	1.63	1.44	1.10	4.55
Replicate F									2.864	5.554	0.704	4.995	2.260	2.714	0.513	2.317	0.938	2.073
Replicate Prob(F)									0.0717	0.0091	0.5642	0.0134	0.1233	0.0818	0.6794	0.1170	0.4470	0.1468
Treatment F									0.949	1.868	0.634	1.595	2.190	0.429	1.153	2.049	0.875	0.793
Treatment Prob(F)									0.4782	0.1600	0.6772	0.2214	0.1099	0.8217	0.3764	0.1295	0.5208	0.5710

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code				ABUTH		PANDI		SOLPT			
Crop Code				Plants		Plants		Plants			
Rating Data Type				0.5 m2		0.5 m2		0.5 m2			
Rating Unit				Count1		Count1		Count1			
Rating Date											
Trt-Eval Interval											
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code			
1	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A			
1	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B			
1	92M40										
2	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C			
2	92M40										
3	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D			
3	92M40										
4	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E			
4	92M40										
5	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F			
5	92M40										
6	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	0.3	11.5	0.0
6	92M40										
7	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A			
7	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B			
7	92M32										
8	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C			
8	92M32										
9	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D			
9	92M32										
10	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E			
10	92M32										
11	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F			
11	92M32										
12	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	2.5	11.5	0.0
12	92M32										
13	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A			
13	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B			
13	93B67										
14	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C			
14	93B67										
15	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D			
15	93B67										
16	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E			
16	93B67										
17	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F			
17	93B67										
18	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	1.3	5.3	0.0
18	93B67										
19	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A			
19	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B			
19	93M41										
20	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C			
20	93M41										
21	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D			
21	93M41										
22	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E			
22	93M41										
23	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F			
23	93M41										

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

									ABUTH	PANDI	SOLPT
									Plants	Plants	Plants
									0.5 m2	0.5 m2	0.5 m2
									Count1	Count1	Count1
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code			
24	ROUNDUP W-MAX 93M41	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G	2.3	4.8	0.0
25	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5 pt/a		PRE	A			
25	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		2"W	B			
26	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V1	C			
27	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V3	D			
28	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V5	E			
29	ROUNDUP W-MAX 94B13	4.5	SL	1.55 lb ae/a	44 fl oz/a		V7	F			
30	ROUNDUP W-MAX 94B13	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G	0.3	39.0	1.3
31	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5 pt/a		PRE	A			
31	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		2"W	B			
32	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V1	C			
33	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V3	D			
34	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V5	E			
35	ROUNDUP W-MAX 94M30	4.5	SL	1.55 lb ae/a	44 fl oz/a		V7	F			
36	ROUNDUP W-MAX 94M30	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G	0.5	10.0	0.0
LSD (P=.05)									3.61	40.63	1.54
Replicate F									3.779	0.919	1.000
Replicate Prob(F)									0.0335	0.4553	0.4199
Treatment F									0.709	0.897	1.000
Treatment Prob(F)									0.6257	0.5080	0.4509

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	AMBTR	AMATA	AMBEL	SETFA	CYPES	CHEAL	PHBPU	POLPY	XANST	IPOHE
Crop Code										
Rating Data Type	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants
Rating Unit	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2
Rating Date										
Trt-Eval Interval	Count2	Count2	Count2	Count2	Count2	Count2	Count2	Count2	Count2	Count2

Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	AMBTR	AMATA	AMBEL	SETFA	CYPES	CHEAL	PHBPU	POLPY	XANST	IPOHE	
1	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A											
1	ROUNDUP W-MAX 92M40	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B											
2	ROUNDUP W-MAX 92M40	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C											
3	ROUNDUP W-MAX 92M40	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D											
4	ROUNDUP W-MAX 92M40	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E											
5	ROUNDUP W-MAX 92M40	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F											
6	ROUNDUP W-MAX 92M40	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	7.5	17.0	0.8	11.8	5.3	0.0	2.0	0.3	0.3	1.5	
7	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A											
7	ROUNDUP W-MAX 92M32	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B											
8	ROUNDUP W-MAX 92M32	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C											
9	ROUNDUP W-MAX 92M32	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D											
10	ROUNDUP W-MAX 92M32	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E											
11	ROUNDUP W-MAX 92M32	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F											
12	ROUNDUP W-MAX 92M32	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	2.5	30.5	0.0	8.3	5.8	0.0	0.5	1.5	0.0	2.0	
13	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A											
13	ROUNDUP W-MAX 93B67	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B											
14	ROUNDUP W-MAX 93B67	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C											
15	ROUNDUP W-MAX 93B67	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D											
16	ROUNDUP W-MAX 93B67	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E											
17	ROUNDUP W-MAX 93B67	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F											
18	ROUNDUP W-MAX 93B67	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	5.5	18.3	0.8	28.8	1.0	0.0	0.8	0.8	0.3	2.3	
19	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A											
19	ROUNDUP W-MAX 93M41	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B											
20	ROUNDUP W-MAX 93M41	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C											
21	ROUNDUP W-MAX 93M41	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D											
22	ROUNDUP W-MAX 93M41	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E											
23	ROUNDUP W-MAX 93M41	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F											

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	AMBTR	AMATA	AMBEL	SETFA	CYPES	CHEAL	PHBPU	POLPY	XANST	IPOHE
Crop Code										
Rating Data Type	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants	Plants
Rating Unit	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2	0.5 m2
Rating Date										
Trt-Eval Interval	Count2	Count2	Count2	Count2	Count2	Count2	Count2	Count2	Count2	Count2

Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code										
24	ROUNDUP W-MAX 93M41	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	2.5	29.3	0.5	75.0	1.5	0.5	0.3	1.5	0.3	1.8
25	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A										
25	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B										
26	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C										
27	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D										
28	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E										
29	ROUNDUP W-MAX 94B13	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F										
30	ROUNDUP W-MAX 94B13	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	2.5	35.8	0.5	47.3	5.0	2.0	0.8	0.3	0.3	2.3
31	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A										
31	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B										
32	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C										
33	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D										
34	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E										
35	ROUNDUP W-MAX 94M30	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F										
36	ROUNDUP W-MAX 94M30	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	8.0	13.8	0.3	37.8	0.3	0.0	1.0	2.0	0.0	4.5
LSD (P=.05)									6.08	20.79	1.34	53.96	6.45	2.41	2.22	2.77	0.64	4.03
Replicate F									0.672	4.316	1.042	4.329	0.627	1.623	1.662	1.128	0.625	0.967
Replicate Prob(F)									0.5822	0.0221	0.4024	0.0219	0.6087	0.2260	0.2175	0.3693	0.6098	0.4338
Treatment F									1.665	1.659	0.435	1.905	1.325	1.000	0.682	0.632	0.375	0.653
Treatment Prob(F)									0.2037	0.2050	0.8175	0.1533	0.3062	0.4509	0.6443	0.6781	0.8580	0.6642

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

					ABUTH	PANDI	SOLPT				
					Plants	Plants	Plants				
					0.5 m2	0.5 m2	0.5 m2				
					Count2	Count2	Count2				
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code			
1	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A			
1	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B			
1	92M40										
2	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C			
2	92M40										
3	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D			
3	92M40										
4	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E			
4	92M40										
5	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F			
5	92M40										
6	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	1.5	20.0	0.0
6	92M40										
7	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A			
7	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B			
7	92M32										
8	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C			
8	92M32										
9	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D			
9	92M32										
10	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E			
10	92M32										
11	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F			
11	92M32										
12	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	11.5	60.3	0.0
12	92M32										
13	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A			
13	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B			
13	93B67										
14	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C			
14	93B67										
15	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D			
15	93B67										
16	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E			
16	93B67										
17	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F			
17	93B67										
18	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	PREHAR	G	1.3	8.8	0.3
18	93B67										
19	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5	pt/a	PRE	A			
19	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	2"W	B			
19	93M41										
20	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V1	C			
20	93M41										
21	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V3	D			
21	93M41										
22	ROUNDUP W-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	V5	E			
22	93M41										
23	ROUNDUP W-MAX	4.5	SL	1.55 lb ae/a	44	fl oz/a	V7	F			
23	93M41										

Soybean Variety by Weed Management Study.

Project Code: 05-50W-S260 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	ABUTH	PANDI	SOLPT
Crop Code			
Rating Data Type	Plants	Plants	Plants
Rating Unit	0.5 m2	0.5 m2	0.5 m2
Rating Date			
Trt-Eval Interval	Count2	Count2	Count2

Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code			
24	ROUNDUP W-MAX 93M41	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G	1.0	9.8	0.0
25	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5 pt/a		PRE	A			
25	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		2"W	B			
26	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V1	C			
27	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V3	D			
28	ROUNDUP W-MAX 94B13	4.5	SL	0.77 lb ae/a	22 fl oz/a		V5	E			
29	ROUNDUP W-MAX 94B13	4.5	SL	1.55 lb ae/a	44 fl oz/a		V7	F			
30	ROUNDUP W-MAX 94B13	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G	0.8	17.3	6.5
31	BOUNDARY	6.5	EC	1.22 lb ai/a	1.5 pt/a		PRE	A			
31	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		2"W	B			
32	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V1	C			
33	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V3	D			
34	ROUNDUP W-MAX 94M30	4.5	SL	0.77 lb ae/a	22 fl oz/a		V5	E			
35	ROUNDUP W-MAX 94M30	4.5	SL	1.55 lb ae/a	44 fl oz/a		V7	F			
36	ROUNDUP W-MAX 94M30	4.5	SL	1.55 lb ae/a	44 fl oz/a		PREHAR	G	13.0	12.5	0.0
LSD (P=.05)									15.32	38.38	7.94
Replicate F									2.815	0.391	1.094
Replicate Prob(F)									0.0749	0.7613	0.3822
Treatment F									1.288	2.348	1.000
Treatment Prob(F)									0.3201	0.0919	0.4509

Trial Comments

1. Protocol: ISPOB - Nafziger and Alderks.
2. Ratings: TBA.
3. Yield.
4. DAP = Days after planting. Row2Plt1 = Row and soybean plant number. 1m/row = 1.0 meter of 1 row. 0.5 m2 = one half of a square meter.
5. Harvested (2) 30 inch rows by 24 ft, harvest dates as follows:
 - on 9-22-05 harvested 92M40, 92M32, 93B67, and 93M41;
 - on 9-28-05 harvested 94B13;
 - on 10-3-05 harvested 94M30.