

Evaluation of Liberty Link Soybean in No-Till.

Trial ID: 08-5A Location: Belleville Res. Center

Investigator: Bryan Young, Professor, Southern Illinois University, bgyoung@siu.edu
 City State Zip Country: Belleville IL 62221 USA
 Trial Status: FINAL Initiation Date: 05-21-08

Objectives: To compare the efficacy of tankmix partners for Ignite burndown programs in no-till Liberty-Link soybeans.

Crop 1: GLXMA Soybean Variety: SG4489N LL
 Planting Method: SEEDED Planting Date: 06-16-08
 Rate, Unit: 90 LB/A Depth, Unit: 1.0 IN
 Row Spacing, Unit: 30 IN Seed Bed: ROUGH
 Soil Moisture: ABOVE NORMAL

Pest 1 Type: W Code: SETFA Setaria faberi Herrm. foxtail, giant
 Pest 2 Type: W Code: ERICA Conyza canadensis (L.) Crong. horseweed
 Pest 3 Type: W Code: AMBEL Ambrosia artemisiifolia L. ragweed, common
 Pest 4 Type: W Code: AMATA Amaranthus rudis Sauer waterhemp, common

Plot Width, Unit: 10 FT Site Type: FIELD
 Plot Length, Unit: 27 FT Tillage Type: NO-TILL
 Replications: 3 Study Design: Randomized Complete Block

Prior Crops, Year
 1. ZEAMD 2007

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

% OM: 1.6 Texture: SILT LOAM
 pH: 5.3 Soil Name: WINFIELD
 CEC: 8 Fert. Level: P1: 109 LB/A, K: 592 LB/A

Application Description

	A	B
Application Date:	05-21-08	06-25-08
Time of Day:	7:45	8:30
Application Method:	Spray	Spray
Application Timing:	7DBP	22DAE
Application Placement:	BROFOL	BROFOL
Applied By:	BGY	BGY
Air Temperature, Unit:	60 F	78 F
% Relative Humidity:	64	75
Wind Velocity, Unit:	4 MPH	1 MPH
Dew Presence (Y/N):	Y	Y
Soil Temperature, Unit:	56 F	75 F
Soil Moisture:	ABONOR	NORMAL
% Cloud Cover:	5	90

	A	B
Crop stage at application:	NA	VC
Height Min, Max (inch):	1	2

Pest Stage At Each Application

	A	B
Application Date:	05-21-08	06-25-08
Weed Code:	SETFA	SETFA
Stage Majority (leaves):	NA	3
Stage Min, Max:		1 4
Height Majority:		4 IN
Height Min, Max:		2 8
Density, Unit:		5 FT2
Weed Code:	ERICA	ERICA
Stage Majority (leaves):	18	24
Stage Min, Max:	2 30	8 40
Height Majority:	5 IN	12 IN
Height Min, Max:	1 10	2 24
Density, Unit:	5 FT2	5 FT2
Weed Code:	AMBEL	AMBEL
Stage Majority (leaves):	4	6
Stage Min, Max:	COTY 6	COTY 8
Height Majority:	2.5 IN	7 IN
Height Min, Max:	1 3	1 10
Density, Unit:	4 FT2	4 FT2
Weed Code:	AMATA	AMATA
Stage Majority (leaves):	1	6
Stage Min, Max:	COTY 2	COTY 12
Height Majority:	0.5 IN	4 IN
Height Min, Max:	0.5 1	0.5 14
Density, Unit:	1 FT2	10 FT2

Application Equipment

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

Evaluation of Liberty Link Soybean in No-Till.

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Pest Code								SETFA	SETFA	SETFA	
Crop Code								GLXMA	GLXMA	GLXMA	
Rating Date								06-25-08	07-09-08	07-30-08	
Rating Data Type								Injury	Injury	Injury	
Rating Unit								Percent	Percent	Percent	
Rating Timing								35 DA-A	35 DA-A	35 DA-A	
Trt-Eval Interval								0 DA-B	14 DA-B	35 DA-B	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
1	NONTREATED								0 a	0 a	0 a
2	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	7DBP	A	0 a	0 a	0 a
2	2,4-D LV 4	3.8	EC	0.475 lb ae/a	1.0	pt/a	7DBP	A	93 a	96 a	47 a
2	VALOR XLT	40.3	WG		3	oz/a	7DBP	A			
2	VALOR SX	51	WG	0.056 lb ai/a			7DBP	A			
2	CLASSIC	25	WG	0.0194 lb ai/a			7DBP	A			
2	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	7DBP	A			
2	IGNITE 280	2.34	EC	0.4 lb ai/a	22	fl oz/a	22DAE	B			
2	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	22DAE	B			
3	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	7DBP	A	0 a	0 a	0 a
3	2,4-D LV 4	3.8	EC	0.475 lb ae/a	1.0	pt/a	7DBP	A	93 a	96 a	40 ab
3	VALOR XLT	40.3	WG		3	oz/a	7DBP	A			
3	VALOR SX	51	WG	0.056 lb ai/a			7DBP	A			
3	CLASSIC	25	WG	0.0194 lb ai/a			7DBP	A			
3	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	7DBP	A			
3	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	22DAE	B			
3	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	22DAE	B			
4	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	7DBP	A	0 a	0 a	0 a
4	2,4-D LV 4	3.8	EC	0.475 lb ae/a	1.0	pt/a	7DBP	A	47 b	95 ab	23 cde
4	VALOR SX	51	WG	0.064 lb ai/a	2	oz/a	7DBP	A			
4	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	7DBP	A			
4	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	22DAE	B			
4	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	22DAE	B			
5	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	7DBP	A	0 a	0 a	0 a
5	2,4-D LV 4	3.8	EC	0.475 lb ae/a	1.0	pt/a	7DBP	A	58 ab	94 b	20 de
5	VALOR SX	51	WG	0.064 lb ai/a	2	oz/a	7DBP	A			
5	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	7DBP	A			
5	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	22DAE	B			
5	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	22DAE	B			
6	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	7DBP	A	0 a	0 a	0 a
6	2,4-D LV 4	3.8	EC	0.475 lb ae/a	1.0	pt/a	7DBP	A	82 ab	96 ab	20 de
6	GANGSTER FR	84	WG	0.0158 lb ai/a	0.3	oz/a	7DBP	A			
6	GANGSTER V	51	WG	0.048 lb ai/a	1.5	oz/a	7DBP	A			
6	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	7DBP	A			
6	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	22DAE	B			
6	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	22DAE	B			
7	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	7DBP	A	0 a	0 a	0 a
7	2,4-D LV 4	3.8	EC	0.475 lb ae/a	1.0	pt/a	7DBP	A	82 ab	97 a	30 bcd
7	GANGSTER FR	84	WG	0.0158 lb ai/a	0.3	oz/a	7DBP	A			
7	GANGSTER V	51	WG	0.048 lb ai/a	1.5	oz/a	7DBP	A			
7	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	7DBP	A			
7	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	22DAE	B			
7	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	22DAE	B			
8	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	7DBP	A	0 a	0 a	0 a
8	2,4-D LV 4	3.8	EC	0.475 lb ae/a	1.0	pt/a	7DBP	A	77 ab	97 a	35 abc
8	VALOR SX	51	WG	0.064 lb ai/a	2	oz/a	7DBP	A			
8	SENCOR	75	WG	0.216 lb ai/a	4.6	oz/a	7DBP	A			
8	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	7DBP	A			
8	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	22DAE	B			
8	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	22DAE	B			
9	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	7DBP	A	0 a	0 a	0 a
9	2,4-D LV 4	3.8	EC	0.475 lb ae/a	1.0	pt/a	7DBP	A	67 ab	96 a	30 bcd
9	SONIC	70	WG	0.14 lb ai/a	3.2	oz/a	7DBP	A			
9	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	7DBP	A			
9	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	22DAE	B			
9	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	22DAE	B			
10	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	7DBP	A	0 a	0 a	0 a
10	2,4-D LV 4	3.8	EC	0.475 lb ae/a	1.0	pt/a	7DBP	A	65 ab	97 a	13 ef
10	PREFIX	5.29	EC	1.32 lb ai/a	2.0	pt/a	7DBP	A			
10	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	7DBP	A			
10	IGNITE 280	2.34	SL	0.4 lb ai/a	22	fl oz/a	22DAE	B			
10	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	22DAE	B			

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Pest Code					SETFA			SETFA			SETFA				
Crop Code					GLXMA	GLXMA	GLXMA	06-25-08	07-09-08	07-30-08	06-25-08	07-09-08	07-30-08		
Rating Date					Injury	Injury	Injury	Control	Control	Control	Control	Control	Control		
Rating Data Type					Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent		
Rating Unit					35 DA-A	35 DA-A	35 DA-A	35 DA-A	35 DA-A	35 DA-A	35 DA-A	35 DA-A	35 DA-A		
Rating Timing					0 DA-B	14 DA-B	35 DA-B	0 DA-B	14 DA-B	35 DA-B	0 DA-B	14 DA-B	35 DA-B		
Trt-Eval Interval															
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	0 a	0 a	0 a	92 a	97 a	40 ab
11	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A						
11	CANOPY	75	WG	0.14	lb ai/a	3	oz/a	7DBP	A						
11	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A						
11	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B						
11	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
LSD (P=.05)										0.0	0.0	0.0	36.2	2.1	13.7
Replicate F										0.000	0.000	0.000	7.121	2.052	5.070
Replicate Prob(F)										1.0000	1.0000	1.0000	0.0046	0.1547	0.0165
Treatment F										0.000	0.000	0.000	4.966	1663.383	8.504
Treatment Prob(F)										1.0000	1.0000	1.0000	0.0011	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

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Pest Code								ERICA	ERICA	ERICA	AMBEL	AMBEL	AMBEL
Crop Code								06-25-08	07-09-08	07-30-08	06-25-08	07-09-08	07-30-08
Rating Date								Control	Control	Control	Control	Control	Control
Rating Data Type								Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit								35 DA-A	35 DA-A	35 DA-A	35 DA-A	35 DA-A	35 DA-A
Rating Timing								0 DA-B	14 DA-B	35 DA-B	0 DA-B	14 DA-B	35 DA-B
Trt-Eval Interval								0 DA-B	14 DA-B	35 DA-B	0 DA-B	14 DA-B	35 DA-B
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	NONTREATED									0 d	0 b	0 b	0 c
2	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	96 a	99 a	98 a	99 a
2	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A				
2	VALOR XLT	40.3	WG			3	oz/a	7DBP	A				
2	VALOR SX	51	WG	0.056	lb ai/a			7DBP	A				
2	CLASSIC	25	WG	0.0194	lb ai/a			7DBP	A				
2	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A				
2	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B				
2	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B				
3	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	7DBP	A	72 bc	98 a	97 a	99 a
3	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A				
3	VALOR XLT	40.3	WG			3	oz/a	7DBP	A				
3	VALOR SX	51	WG	0.056	lb ai/a			7DBP	A				
3	CLASSIC	25	WG	0.0194	lb ai/a			7DBP	A				
3	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A				
3	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B				
3	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B				
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	77 b	99 a	96 a	72 b
4	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A				
4	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	7DBP	A				
4	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A				
4	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B				
4	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B				
5	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	7DBP	A	63 c	98 a	95 a	70 b
5	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A				
5	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	7DBP	A				
5	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A				
5	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B				
5	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B				
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	95 a	99 a	97 a	99 a
6	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A				
6	GANGSTER FR	84	WG	0.0158	lb ai/a	0.3	oz/a	7DBP	A				
6	GANGSTER V	51	WG	0.048	lb ai/a	1.5	oz/a	7DBP	A				
6	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A				
6	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B				
6	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B				
7	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	7DBP	A	96 a	99 a	98 a	99 a
7	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A				
7	GANGSTER FR	84	WG	0.0158	lb ai/a	0.3	oz/a	7DBP	A				
7	GANGSTER V	51	WG	0.048	lb ai/a	1.5	oz/a	7DBP	A				
7	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A				
7	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B				
7	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B				
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	85 ab	98 a	95 a	92 a
8	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A				
8	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	7DBP	A				
8	SENCOR	75	WG	0.216	lb ai/a	4.6	oz/a	7DBP	A				
8	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A				
8	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B				
8	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B				
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	96 a	99 a	98 a	99 a
9	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A				
9	SONIC	70	WG	0.14	lb ai/a	3.2	oz/a	7DBP	A				
9	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A				
9	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B				
9	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B				
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	93 a	99 a	96 a	98 a
10	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A				
10	PREFIX	5.29	EC	1.32	lb ai/a	2.0	pt/a	7DBP	A				
10	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A				
10	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B				
10	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B				

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Pest Code	ERICA	ERICA	ERICA	AMBEL	AMBEL	AMBEL
Crop Code						
Rating Date	06-25-08	07-09-08	07-30-08	06-25-08	07-09-08	07-30-08
Rating Data Type	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Timing	35 DA-A			35 DA-A		
Trt-Eval Interval	0 DA-B	14 DA-B	35 DA-B	0 DA-B	14 DA-B	35 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code											
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	91	a	99	a	97	a					
11	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A											
11	CANOPY	75	WG	0.14	lb ai/a	3	oz/a	7DBP	A											
11	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A											
11	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B											
11	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B											
LSD (P=.05)										13.2		1.2		4.1		16.2		1.1		4.0
Replicate F										0.899		1.265		1.674		2.475		1.000		0.168
Replicate Prob(F)										0.4229		0.3039		0.2126		0.1095		0.3855		0.8469
Treatment F										40.376		5282.627		434.637		29.906		6736.232		451.619
Treatment Prob(F)										0.0001		0.0001		0.0001		0.0001		0.0001		0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

Evaluation of Liberty Link Soybean in No-Till.

Trial ID: 08-5A

Location: Belleville Res. Center

Pest Code		AMATA	AMATA	AMATA
Crop Code				
Rating Date		06-25-08	07-09-08	07-30-08
Rating Data Type		Control	Control	Control
Rating Unit		Percent	Percent	Percent
Rating Timing		35 DA-A		
Trt-Eval Interval		0 DA-B	14 DA-B	35 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
1	NONTREATED									0 c	0 e	0 f
2	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	63 ab	95 abc	10 def
2	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A			
2	VALOR XLT	40.3	WG			3	oz/a	7DBP	A			
2	VALOR SX	51	WG	0.056	lb ai/a			7DBP	A			
2	CLASSIC	25	WG	0.0194	lb ai/a			7DBP	A			
2	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A			
2	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B			
2	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
3	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	7DBP	A	67 a	94 a-d	5 ef
3	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A			
3	VALOR XLT	40.3	WG			3	oz/a	7DBP	A			
3	VALOR SX	51	WG	0.056	lb ai/a			7DBP	A			
3	CLASSIC	25	WG	0.0194	lb ai/a			7DBP	A			
3	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A			
3	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B			
3	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	40 ab	92 bcd	23 bcd
4	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A			
4	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	7DBP	A			
4	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A			
4	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B			
4	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
5	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	7DBP	A	78 a	90 cd	17 c-f
5	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A			
5	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	7DBP	A			
5	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A			
5	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B			
5	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	67 a	89 d	17 c-f
6	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A			
6	GANGSTER FR	84	WG	0.0158	lb ai/a	0.3	oz/a	7DBP	A			
6	GANGSTER V	51	WG	0.048	lb ai/a	1.5	oz/a	7DBP	A			
6	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A			
6	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B			
6	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
7	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	7DBP	A	62 ab	95 abc	18 cde
7	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A			
7	GANGSTER FR	84	WG	0.0158	lb ai/a	0.3	oz/a	7DBP	A			
7	GANGSTER V	51	WG	0.048	lb ai/a	1.5	oz/a	7DBP	A			
7	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A			
7	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B			
7	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	73 a	93 a-d	32 abc
8	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A			
8	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	7DBP	A			
8	SENCOR	75	WG	0.216	lb ai/a	4.6	oz/a	7DBP	A			
8	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A			
8	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B			
8	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	67 a	97 ab	45 a
9	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A			
9	SONIC	70	WG	0.14	lb ai/a	3.2	oz/a	7DBP	A			
9	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A			
9	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B			
9	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	75 a	98 a	32 abc
10	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A			
10	PREFIX	5.29	EC	1.32	lb ai/a	2.0	pt/a	7DBP	A			
10	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A			
10	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B			
10	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			

Evaluation of Liberty Link Soybean in No-Till.

Trial ID: 08-5A

Location: Belleville Res. Center

Pest Code	AMATA	AMATA	AMATA
Crop Code			
Rating Date	06-25-08	07-09-08	07-30-08
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Timing	35 DA-A		
Trt-Eval Interval	0 DA-B	14 DA-B	35 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A	27	bc	97 ab 37 ab
11	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1.0	pt/a	7DBP	A			
11	CANOPY	75	WG	0.14	lb ai/a	3	oz/a	7DBP	A			
11	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	7DBP	A			
11	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	22DAE	B			
11	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
LSD (P=.05)										39.5	5.1	17.5
Replicate F										2.248	1.723	0.065
Replicate Prob(F)										0.1316	0.2039	0.9374
Treatment F										3.255	271.319	5.465
Treatment Prob(F)										0.0118	0.0001	0.0006

Means followed by same letter do not significantly differ (P=.05, LSD)

Trial Comments

1. Protocol: Bayer MRA.
2. Ratings: Evaluate ci/wc at 0, 14, and 35 da"B" timing.
Record % ground cover for each weed at application.
3. DA-A = Days after the 7DBP application. DA-B = Days after 22DAE application.
4. At the Belleville Research Center the above normal rainfall in spring 2008 (no more than four consecutive rain-free days between March 22 and June 15) delayed corn and soybean planting until mid-June.
Due to the late planting the postemergence application planned for 22 days after crop emergence was applied early at 9 days after planting.
Following the 7DBP application on May 21, rainfall was 0.17 inch 1 day later, 0.20 inch 3 days later, and 1.92 inch 5 days later.
5. Not harvested.