

Ignite-Based Weed Management in Reduced-Till Liberty Link Soybean - 1.

Trial ID: 08-24B 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: 06-18-08

Objectives: To evaluate the efficacy of Ignite and soil residual herbicides in reduced-till Liberty Link soybean.

Crop 1: GLXMA Soybean Variety: SG4489N LL  
 Planting Method: SEEDED Planting Date: 06-18-08  
 Rate, Unit: 90 LB/A Depth, Unit: 1.0 IN  
 Row Spacing, Unit: 15 IN Seed Bed: SMOOTH  
 Soil Moisture: ABOVE NORMAL Soil Temp, Unit: 80 F

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

Plot Width, Unit: 20 FT Site Type: FIELD  
 Plot Length, Unit: 28 FT Tillage Type: REDUCED-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: 2.3 Texture: SILT LOAM  
 pH: 6 Soil Name: BETHALTO  
 CEC: 12 Fert. Level: P1: 83 LB/A, K: 446 LB/A

	Application Description		
	A	B	C
Application Date:	06-18-08	07-04-08	07-23-08
Time of Day:	18:30	15:00	13:30
Application Method:	Spray	Spray	Spray
Application Timing:	PRE	22DAE	44DAE-IN
Application Placement:	BROSIO	BROFOL	BROFOL
Applied By:		BGY	
Air Temperature, Unit:	80 F	83 F	81 F
% Relative Humidity:	70	61	51
Wind Velocity, Unit:	2 MPH	2 MPH	5 MPH
Dew Presence (Y/N):	N	N	N
Soil Temperature, Unit:	80 F	79 F	80 F
Soil Moisture:	ABONOR	ABONOR	ABONOR
% Cloud Cover:	70	95	50
	06-18-08	07-04-08	07-23-08
Crop stage at application:	NA	V1	R1
Height Min, Max (inch):		3 4	15 20

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	Pest Stage At Each Application					
Application Date:	06-18-08	07-04-08	07-23-08			
Weed Code:	SETFA	SETFA	SETFA			
Stage Majority (leaves):	NA	2	2			
Stage Min, Max:		1 3	1 3			
Height Majority:		3	IN 3	IN		
Height Min, Max:		1 4	1 6			
Density, Unit:		2	FT2 0.5	FT2		
Weed Code:	CYPES	CYPES	CYPES			
Stage Majority (leaves):	NA	4	5			
Stage Min, Max:		3 7	3 8			
Height Majority:		4	IN 6	IN		
Height Min, Max:		1 8	1 10			
Density, Unit:		8	FT2 4	FT2		
Weed Code:	AMBTR	AMBTR	AMBTR			
Stage Majority (leaves):	NA	4	4			
Stage Min, Max:		COTY 6	COTY 8			
Height Majority:		3	IN 4	IN		
Height Min, Max:		0.5 4	0.5 6			
Density, Unit:		5	FT2 1	FT2		
Weed Code:	AMATA	AMATA	AMATA			
Stage Majority (leaves):	NA	4	4			
Stage Min, Max:		COTY 5	COTY 6			
Height Majority:		2	IN 3	IN		
Height Min, Max:		0.25 3	0.25 6			
Density, Unit:		25	FT2 4	FT2		
Weed Code:	ABUTH	ABUTH	ABUTH			
Stage Majority (leaves):	NA	2	4			
Stage Min, Max:		COTY 4	COTY 6			
Height Majority:		2	IN 3.5	IN		
Height Min, Max:		0.5 3	0.5 6			
Density, Unit:		2	FT2 0.5	FT2		
Weed Code:	IPOSS	IPOSS	IPOSS			
Stage Majority (leaves):	NA	COTY 3	COTY 8			
Stage Min, Max:		1	IN 2.5	IN		
Height Majority:		1	3 1	6		
Height Min, Max:		1	3 1	6		
Density, Unit:		6	FT2 2	FT2		

Application Equipment

Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer
Operating Pressure:	30 PSI	30 PSI	30 PSI
Nozzle Type:	Flat fan	Flat fan	Flat fan
Nozzle Size:	XR 8002	XR 8002	XR 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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							GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	SETFA	SETFA	SETFA			
							11-01-08	11-01-08	07-04-08	07-18-08	08-08-08	07-04-08	07-18-08	08-08-08			
							Moisture	Yield	Injury	Injury	Injury	Control	Control	Control			
							Percent	bu/A	Percent	Percent	Percent	Percent	Percent	Percent			
									16 DA-A	-5 DA-C	16 DA-C	16 DA-A	-5 DA-C	16 DA-C			
									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									11.7 ab	3 b	0 a	0 a	0 a	0 b	0 c	0 b
2	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	PRE	A	11.9 ab	40 a	0 a	0 a	0 a	75 a	98 a	99 a
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B								
	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C								
3	VALOR XLT	40.3	WG			3	oz/a	PRE	A	11.5 b	38 a	0 a	0 a	0 a	68 a	98 a	99 a
	VALOR SX	51	WG	0.056	lb ai/a			PRE	A								
	CLASSIC	25	WG	0.0194	lb ai/a			PRE	A								
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B								
	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C								
4	GANGSTER FR	84	WG	0.0158	lb ai/a	0.3	oz/a	PRE	A	11.9 ab	38 a	0 a	0 a	0 a	58 ab	99 a	99 a
	GANGSTER V	51	WG	0.048	lb ai/a	1.5	oz/a	PRE	A								
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B								
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C								
5	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	PRE	A	11.8 ab	36 a	0 a	0 a	0 a	60 ab	98 a	99 a
	SENCOR	75	WG	0.216	lb ai/a	4.6	oz/a	PRE	A								
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B								
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C								
6	SONIC	70	WG	0.14	lb ai/a	3.2	oz/a	PRE	A	12.0 a	37 a	0 a	0 a	0 a	70 a	98 a	99 a
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B								
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C								
7	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B	11.9 ab	42 a		0 a	0 a		96 b	99 a
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B								
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C								
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C								
LSD (P=.05)										0.50	10.8	0.0	0.0	0.0	67.5	1.1	0.0
Replicate F										0.099	2.714	0.000	0.000	0.000	1.035	8.318	0.000
Replicate Prob(F)										0.9064	0.1065	1.0000	1.0000	1.0000	0.3903	0.0054	1.0000
Treatment F										1.317	14.919	0.000	0.000	0.000	1.682	11737.683	0.000
Treatment Prob(F)										0.3335	0.0001	1.0000	1.0000	1.0000	0.2262	0.0001	1.0000

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

Ignite-Based Weed Management in Reduced-Till Liberty Link Soybean - 1.

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Location: Belleville Res. Center

								CYPES	CYPES	CYPES	AMBTR	AMBTR	AMBTR		
								07-04-08	07-18-08	08-08-08	07-04-08	07-18-08	08-08-08		
								Control	Control	Control	Control	Control	Control		
								Percent	Percent	Percent	Percent	Percent	Percent		
								16 DA-A	-5 DA-C	16 DA-C	16 DA-A	-5 DA-C	16 DA-C		
								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 a	0 c	0 c	0 b	0 c	0 b
2	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	PRE	A	60 a	90 a	96 a	12 b	96 a	99 a
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
3	VALOR XLT	40.3	WG			3	oz/a	PRE	A	52 a	92 a	96 a	43 a	97 a	98 a
	VALOR SX	51	WG	0.056	lb ai/a			PRE	A						
	CLASSIC	25	WG	0.0194	lb ai/a			PRE	A						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
4	GANGSTER FR	84	WG	0.0158	lb ai/a	0.3	oz/a	PRE	A	33 a	90 a	96 a	23 ab	97 a	99 a
	GANGSTER V	51	WG	0.048	lb ai/a	1.5	oz/a	PRE	A						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
5	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	PRE	A	45 a	87 a	92 b	15 b	97 a	99 a
	SENCOR	75	WG	0.216	lb ai/a	4.6	oz/a	PRE	A						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
6	SONIC	70	WG	0.14	lb ai/a	3.2	oz/a	PRE	A	57 a	91 a	96 a	43 a	96 a	98 a
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
7	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B		70 b	92 b		91 b	98 a
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
LSD (P=.05)								60.1	6.4	2.9	23.3	1.3	1.3		
Replicate F								0.919	1.888	4.994	1.880	3.545	1.412		
Replicate Prob(F)								0.4302	0.1937	0.0264	0.2027	0.0617	0.2814		
Treatment F								1.363	260.720	1418.641	5.639	7541.728	7688.059		
Treatment Prob(F)								0.3157	0.0001	0.0001	0.0100	0.0001	0.0001		

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

Ignite-Based Weed Management in Reduced-Till Liberty Link Soybean - 1.

Trial ID: 08-24B

Location: Belleville Res. Center

								AMATA	AMATA	AMATA	ABUTH	ABUTH	ABUTH		
								07-04-08	07-18-08	08-08-08	07-04-08	07-18-08	08-08-08		
								Control	Control	Control	Control	Control	Control		
								Percent	Percent	Percent	Percent	Percent	Percent		
								16 DA-A	-5 DA-C	16 DA-C	16 DA-A	-5 DA-C	16 DA-C		
								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 b	0 c	0 b	0 b	0 b	0 b
2	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	PRE	A	88 a	99 a	99 a	66 a	98 a	99 a
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
3	VALOR XLT	40.3	WG			3	oz/a	PRE	A	82 a	99 a	99 a	66 a	99 a	99 a
	VALOR SX	51	WG	0.056	lb ai/a			PRE	A						
	CLASSIC	25	WG	0.0194	lb ai/a			PRE	A						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
4	GANGSTER FR	84	WG	0.0158	lb ai/a	0.3	oz/a	PRE	A	48 ab	99 a	99 a	66 a	99 a	99 a
	GANGSTER V	51	WG	0.048	lb ai/a	1.5	oz/a	PRE	A						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
5	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	PRE	A	85 a	99 a	99 a	93 a	99 a	99 a
	SENCOR	75	WG	0.216	lb ai/a	4.6	oz/a	PRE	A						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
6	SONIC	70	WG	0.14	lb ai/a	3.2	oz/a	PRE	A	48 ab	99 a	99 a	66 a	99 a	99 a
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
7	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B		91 b	99 a		95 a	99 a
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B						
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C						
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C						
LSD (P=.05)								51.0	2.7	0.4	49.0	4.8	0.0		
Replicate F								0.942	1.266	1.000	13.215	0.758	0.000		
Replicate Prob(F)								0.4217	0.3169	0.3966	0.0016	0.4897	1.0000		
Treatment F								4.352	1790.713	88111.009	3.985	562.810	0.000		
Treatment Prob(F)								0.0230	0.0001	0.0001	0.0300	0.0001	1.0000		

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

## Ignite-Based Weed Management in Reduced-Till Liberty Link Soybean - 1.

Trial ID: 08-24B

Location: Belleville Res. Center

Pest Code	IPOSS	IPOSS	IPOSS
Crop Code			
Rating Date	07-04-08	07-18-08	08-08-08
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Timing	16 DA-A	-5 DA-C	16 DA-C
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 b	0 c	0 d
2	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	PRE	A	17 ab	96 a	97 ab
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C			
3	VALOR XLT	40.3	WG			3	oz/a	PRE	A	53 a	96 a	96 abc
	VALOR SX	51	WG	0.056	lb ai/a			PRE	A			
	CLASSIC	25	WG	0.0194	lb ai/a			PRE	A			
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
	IGNITE 280	2.34	SL	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C			
4	GANGSTER FR	84	WG	0.0158	lb ai/a	0.3	oz/a	PRE	A	52 a	95 a	96 abc
	GANGSTER V	51	WG	0.048	lb ai/a	1.5	oz/a	PRE	A			
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C			
5	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	PRE	A	7 b	90 a	93 bc
	SENCOR	75	WG	0.216	lb ai/a	4.6	oz/a	PRE	A			
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C			
6	SONIC	70	WG	0.14	lb ai/a	3.2	oz/a	PRE	A	37 ab	93 a	98 a
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C			
7	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	22DAE	B		57 b	93 c
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	22DAE	B			
	IGNITE 280	2.34	EC	0.4	lb ai/a	22	fl oz/a	44DAE-IN	C			
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	44DAE-IN	C			
LSD (P=.05)										43.0	9.4	3.9
Replicate F										6.106	0.188	1.480
Replicate Prob(F)										0.0185	0.8307	0.2663
Treatment F										2.845	138.384	804.971
Treatment Prob(F)										0.0750	0.0001	0.0001

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

## Trial Comments

1. Protocol: Bayer (MRC), 1 of 4 sites.
2. Ratings: Record % ground cover of each weed at application.  
Evaluate ci/wc at 0, 14, and 35 da"B".
3. Application "B" could also be 3-4"w.
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 16 days after planting at 3-4 inch weeds.  
Following the PRE application on June 18, rainfall was 0.29 inch 2 days later and 0.35 inch 9 days later.
5. DA-A = Days after PRE application. DA-B = Days after 22DAE application. DA-C = Days after 44DAE-IN application.  
IPOSS = Morningglory species including IPOHE and IPOLA.
6. Harvested 11-1-08, (8) 15 inch rows by 25 ft.