

Residual Herbicides in Liberty Link Soybean.

Trial ID: 09-2A-MW70

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: 06-30-09

Objectives: Compare several competitive residual herbicides applied preemergence for weed management in Liberty Link soybean.

Crop 1: GLXMA Soybean Variety: S080122 Description: LL
 Planting Method: SEEDED Planting Date: 06-30-09
 Rate, Unit: 75 LB/A Depth, Unit: 1.0 IN
 Row Spacing, Unit: 30 IN

Pest 1 Type: W Code: SETFA Setaria faberi Herrm. foxtail, giant
 Pest 2 Type: W Code: AMBTR Ambrosia trifida L. ragweed, giant
 Pest 3 Type: W Code: AMBEL Ambrosia artemisiifolia L. ragweed, common
 Pest 4 Type: W Code: AMATA Amaranthus rudis Sauer waterhemp, common
 Pest 5 Type: W Code: ABUTH Abutilon theophrasti Medicus velvetleaf

Plot Width, Unit: 10 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 2008

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

% OM: 1.6 Texture: SILT LOAM
 pH: 6.2 Soil Name: PIERRON
 CEC: 7 Fert. Level: P1:93 LB/A, K:448 LB/A

	Application Description		
	A	B	C
Application Date:	06-30-09	07-17-09	07-23-09
Time of Day:	20:00	6:15	9:00
Application Method:	Spray	Spray	Spray
Application Timing:	PRE	2-4"W-1	2-4"W-2
Application Placement:	BROSOI	BROFOL	BROFOL
Applied By:	NVH	DKP	DKP
Air Temperature, Unit:	72 F	66 F	70 F
% Relative Humidity:	80	82	92
Wind Velocity, Unit:	4 MPH	8 MPH	3 MPH
Wind Direction:	N	N	NW
Dew Presence (Y/N):	N	N	N
Soil Moisture:	NORMAL	NORMAL	NORMAL
% Cloud Cover:	25	20	50

	06-30-09	07-17-09	07-23-09
Crop stage at application:	NA	V1	V2
Height Min, Max (inch):		3 6	6 8

	Pest Stage At Each Application		
	06-30-09	07-17-09	07-23-09
Application Date:	06-30-09	07-17-09	07-23-09
Weed Code:	SETFA	SETFA	SETFA
Stage Majority (leaves):	NA	4	4
Stage Min, Max:		2 6	2 6
Height Majority:		4 IN	4 IN
Height Min, Max:		1 5	1 5
Density, Unit:		6 FT2	6 FT2
Weed Code:	AMBTR	AMBTR	AMBTR
Stage Majority (leaves):	NA	2	4
Stage Min, Max:		COTY 2	2 4
Height Majority:		4 IN	4 IN
Height Min, Max:		1 5	1 9
Density, Unit:		0.2 FT2	0.5 FT2
Weed Code:	AMBEL	AMBEL	AMBEL
Stage Majority (leaves):	NA	2	4
Stage Min, Max:		COTY 4	2 6
Height Majority:		2 IN	3 IN
Height Min, Max:		1 4	1 5
Density, Unit:		1.5 FT2	2 FT2
Weed Code:	AMATA	AMATA	AMATA
Stage Majority (leaves):	NA	COTY	2
Stage Min, Max:		COTY 2	2 6
Height Majority:		1 IN	2 IN
Height Min, Max:		0.25 1.5	1 6
Density, Unit:		3 FT2	1 FT2
Weed Code:	ABUTH	ABUTH	ABUTH
Stage Majority (leaves):	NA	1	2
Stage Min, Max:		COTY 2	2 4
Height Majority:		2 IN	2 IN
Height Min, Max:		1 3	1 4
Density, Unit:		2 FT2	1.5 FT2

Residual Herbicides in Liberty Link Soybean.

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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:	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA

Residual Herbicides in Liberty Link Soybean.

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										GLXMA 11-07-09 Moisture Percent	GLXMA 11-07-09 Yield bu/A	GLXMA 07-22-09 Injury Percent 5 DA-B -1 DA-C	GLXMA 07-24-09 Injury Percent 7 DA-B	GLXMA 07-30-09 Injury Percent 13 DA-B 7 DA-C	GLXMA 08-06-09 Injury Percent 20 DA-B 14 DA-C	GLXMA 08-20-09 Injury Percent 34 DA-B 28 DA-C
Pest Code	Crop Code	Rating Date	Rating Data Type	Rating Unit	Rating Timing	Trt-Eval Interval										
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code							
1	NONTREATED									11.7 a	31 e	0 c	0 d	0 d	0 d	0 a
2	CANOPY EX	29.5	WG			1.5 oz/a		PRE	A	11.7 a	47 abc	0 c	0 d	8 b	0 d	0 a
2	CLASSIC	25	WG	0.0212	lb ai/a			PRE	A							
2	EXPRESS	50	SG	0.00636	lb ai/a			PRE	A							
2	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
2	SYNCHRONY XP	28.4	WG			0.375 oz/a		2-4"W-2	C							
2	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C							
2	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C							
2	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							
3	ENVIVE	41.3	WG			3.5 oz/a		PRE	A	11.7 a	45 cd	5 b	3 c	17 a	10 a	0 a
3	CLASSIC	25	WG	0.02	lb ai/a			PRE	A							
3	HARMONY SG	50	SG	0.00643	lb ai/a			PRE	A							
3	VALOR SX	51	WG	0.0635	lb ai/a			PRE	A							
3	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
3	SYNCHRONY XP	28.4	WG			0.375 oz/a		2-4"W-2	C							
3	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C							
3	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C							
3	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							
4	CANOPY	75	WG	0.188	lb ai/a	4 oz/a		PRE	A	11.6 a	46 a-d	0 c	0 d	15 a	6 b	0 a
4	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
4	SYNCHRONY XP	28.4	WG			0.375 oz/a		2-4"W-2	C							
4	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C							
4	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C							
4	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							
5	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-1	B	11.7 a	45 cd	20 a	28 a	10 b	3 c	0 a
5	SYNCHRONY XP	28.4	WG			0.375 oz/a		2-4"W-1	B							
5	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-1	B							
5	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-1	B							
5	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-1	B							
6	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-1	B	11.7 a	43 d	19 a	24 b	5 c	3 c	0 a
6	CLASSIC	25	WG	0.0078	lb ai/a	0.5 oz/a		2-4"W-1	B							
6	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-1	B							
7	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2 oz/a		PRE	A	11.7 a	48 a	0 c	0 d	0 d	0 d	0 a
7	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
7	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							
8	AUTHORITY ASSIST	4	SL	0.156	lb ai/a	5 fl oz/a		PRE	A	11.7 a	45 a-d	0 c	0 d	0 d	0 d	0 a
8	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
8	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							
9	AUTHORITY MTZ	45	WG	0.31	lb ai/a	11 oz/a		PRE	A	11.8 a	48 ab	0 c	0 d	0 d	0 d	0 a
9	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
9	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							
10	SPARTAN 4F	4	SC	0.125	lb ai/a	4 fl oz/a		PRE	A	11.8 a	45 bcd	0 c	0 d	0 d	0 d	0 a
10	CLASSIC	25	WG	0.0156	lb ai/a	1 oz/a		PRE	A							
10	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
10	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							
11	SPARTAN 4F	4	SC	0.15	lb ai/a	4.8 fl oz/a		PRE	A	11.5 a	46 a-d	4 b	3 c	0 d	0 d	0 a
11	CLASSIC	25	WG	0.01875	lb ai/a	1.2 oz/a		PRE	A							
11	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
11	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							
12	OPTILL	68	WG	0.085	lb ai/a	2 oz/a		PRE	A	11.6 a	46 a-d	0 c	0 d	0 d	0 d	0 a
12	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
12	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							
13	PREFIX	5.29	EC	1.32	lb ai/a	2 pt/a		PRE	A	11.6 a	46 a-d	3 b	3 c	0 d	0 d	0 a
13	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
13	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							
14	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5 pt/a		PRE	A	11.7 a	44 cd	0 c	0 d	0 d	0 d	0 a
14	IGNITE 280	2.34	EC	0.402	lb ai/a	22 fl oz/a		2-4"W-2	C							
14	LIQUID AMS	100	SL	5 % v/v		5 % v/v		2-4"W-2	C							

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

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Location: Belleville Res. Center

Pest Code	SETFA	SETFA	SETFA	SETFA
Crop Code				
Rating Date	07-22-09	07-30-09	08-06-09	08-20-09
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	5 DA-B	13 DA-B	20 DA-B	34 DA-B
Trt-Eval Interval	-1 DA-C	7 DA-C	14 DA-C	28 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	NONTREATED									0 h	0 b	0 e	0 h
2	CANOPY EX	29.5	WG			1.5	oz/a	PRE	A	57 fg	99 a	98 a-d	95 c-f
2	CLASSIC	25	WG	0.0212	lb ai/a			PRE	A				
2	EXPRESS	50	SG	0.00636	lb ai/a			PRE	A				
2	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
2	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
2	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
2	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
2	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
3	ENVIVE	41.3	WG			3.5	oz/a	PRE	A	97 a	99 a	96 d	93 ef
3	CLASSIC	25	WG	0.02	lb ai/a			PRE	A				
3	HARMONY SG	50	SG	0.00643	lb ai/a			PRE	A				
3	VALOR SX	51	WG	0.0635	lb ai/a			PRE	A				
3	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
3	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
3	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
3	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
3	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
4	CANOPY	75	WG	0.188	lb ai/a	4	oz/a	PRE	A	47 g	99 a	98 a-d	88 g
4	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
4	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
4	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
4	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
4	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
5	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-1	B	70 de	99 a	97 a-d	92 f
5	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-1	B				
5	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-1	B				
5	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-1	B				
5	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-1	B				
6	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-1	B	70 de	99 a	97 cd	93 def
6	CLASSIC	25	WG	0.0078	lb ai/a	0.5	oz/a	2-4"W-1	B				
6	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-1	B				
7	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2	oz/a	PRE	A	87 abc	99 a	97 bcd	94 def
7	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
7	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
8	AUTHORITY ASSIST	4	SL	0.156	lb ai/a	5	fl oz/a	PRE	A	83 bc	99 a	99 a	98 ab
8	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
8	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
9	AUTHORITY MTZ	45	WG	0.31	lb ai/a	11	oz/a	PRE	A	60 ef	99 a	98 a-d	97 abc
9	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
9	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
10	SPARTAN 4F	4	SC	0.125	lb ai/a	4	fl oz/a	PRE	A	78 cd	99 a	97 a-d	95 c-f
10	CLASSIC	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A				
10	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
10	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
11	SPARTAN 4F	4	SC	0.15	lb ai/a	4.8	fl oz/a	PRE	A	90 abc	99 a	98 abc	95 b-e
11	CLASSIC	25	WG	0.01875	lb ai/a	1.2	oz/a	PRE	A				
11	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
11	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
12	OPTILL	68	WG	0.085	lb ai/a	2	oz/a	PRE	A	94 ab	99 a	99 a	96 a-d
12	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
12	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
13	PREFIX	5.29	EC	1.32	lb ai/a	2	pt/a	PRE	A	98 a	99 a	99 a	99 a
13	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
13	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
14	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	98 a	99 a	98 ab	98 ab
14	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
14	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				

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Pest Code	SETFA	SETFA	SETFA	SETFA
Crop Code				
Rating Date	07-22-09	07-30-09	08-06-09	08-20-09
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	5 DA-B	13 DA-B	20 DA-B	34 DA-B
Trt-Eval Interval	-1 DA-C	7 DA-C	14 DA-C	28 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
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LSD (P=.05)	11.9	0.4	1.4	3.0
Replicate F	0.006	2.167	0.926	1.323
Replicate Prob(F)	0.9939	0.1348	0.4088	0.2838
Treatment F	42.645	47731.380	2948.560	598.332
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001

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

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										AMBTR	AMBTR	AMBTR	AMBTR
Pest Code										07-22-09	07-30-09	08-06-09	08-20-09
Crop Code										Control	Control	Control	Control
Rating Date										Percent	Percent	Percent	Percent
Rating Data Type										5 DA-B	13 DA-B	20 DA-B	34 DA-B
Rating Unit										-1 DA-C	7 DA-C	14 DA-C	28 DA-C
Rating Timing													
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	NONTREATED									0 g	0 d	0 b	0 b
2	CANOPY EX	29.5	WG			1.5	oz/a	PRE	A	70 bcd	98 bc	99 a	97 a
2	CLASSIC	25	WG	0.0212	lb ai/a			PRE	A				
2	EXPRESS	50	SG	0.00636	lb ai/a			PRE	A				
2	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
2	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
2	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
2	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
2	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
3	ENVIVE	41.3	WG			3.5	oz/a	PRE	A	86 ab	99 ab	98 a	97 a
3	CLASSIC	25	WG	0.02	lb ai/a			PRE	A				
3	HARMONY SG	50	SG	0.00643	lb ai/a			PRE	A				
3	VALOR SX	51	WG	0.0635	lb ai/a			PRE	A				
3	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
3	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
3	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
3	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
3	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
4	CANOPY	75	WG	0.188	lb ai/a	4	oz/a	PRE	A	67 cd	99 ab	97 a	95 a
4	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
4	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
4	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
4	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
4	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
5	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-1	B	96 a	99 a	98 a	98 a
5	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-1	B				
5	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-1	B				
5	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-1	B				
5	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-1	B				
6	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-1	B	96 a	99 ab	97 a	95 a
6	CLASSIC	25	WG	0.0078	lb ai/a	0.5	oz/a	2-4"W-1	B				
6	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-1	B				
7	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2	oz/a	PRE	A	95 a	99 a	98 a	98 a
7	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
7	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
8	AUTHORITY ASSIST	4	SL	0.156	lb ai/a	5	fl oz/a	PRE	A	10 g	98 c	97 a	98 a
8	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
8	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
9	AUTHORITY MTZ	45	WG	0.31	lb ai/a	11	oz/a	PRE	A	30 f	98 c	98 a	97 a
9	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
9	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
10	SPARTAN 4F	4	SC	0.125	lb ai/a	4	fl oz/a	PRE	A	40 f	99 ab	99 a	96 a
10	CLASSIC	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A				
10	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
10	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
11	SPARTAN 4F	4	SC	0.15	lb ai/a	4.8	fl oz/a	PRE	A	79 abc	99 ab	98 a	96 a
11	CLASSIC	25	WG	0.01875	lb ai/a	1.2	oz/a	PRE	A				
11	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
11	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
12	OPTILL	68	WG	0.085	lb ai/a	2	oz/a	PRE	A	47 ef	98 bc	98 a	98 a
12	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
12	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
13	PREFIX	5.29	EC	1.32	lb ai/a	2	pt/a	PRE	A	60 de	98 bc	99 a	98 a
13	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
13	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
14	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	37 f	98 bc	98 a	97 a
14	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
14	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				

Residual Herbicides in Liberty Link Soybean.

Trial ID: 09-2A-MW70

Location: Belleville Res. Center

Pest Code	AMBTR	AMBTR	AMBTR	AMBTR
Crop Code				
Rating Date	07-22-09	07-30-09	08-06-09	08-20-09
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	5 DA-B	13 DA-B	20 DA-B	34 DA-B
Trt-Eval Interval	-1 DA-C	7 DA-C	14 DA-C	28 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
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LSD (P=.05)	17.9	0.9	1.7	4.4
Replicate F	1.786	8.215	6.605	4.942
Replicate Prob(F)	0.1901	0.0017	0.0048	0.0152
Treatment F	26.858	6946.405	2022.305	294.067
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001

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

Residual Herbicides in Liberty Link Soybean.

Trial ID: 09-2A-MW70

Location: Belleville Res. Center

Pest Code	AMBEL	AMBEL	AMBEL	AMBEL
Crop Code				
Rating Date	07-22-09	07-30-09	08-06-09	08-20-09
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	5 DA-B	13 DA-B	20 DA-B	34 DA-B
Trt-Eval Interval	-1 DA-C	7 DA-C	14 DA-C	28 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	NONTREATED									0 f	0 c	0 c	0 d
2	CANOPY EX	29.5	WG			1.5	oz/a	PRE	A	80 c	99 a	99 a	96 bc
2	CLASSIC	25	WG	0.0212	lb ai/a			PRE	A				
2	EXPRESS	50	SG	0.00636	lb ai/a			PRE	A				
2	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
2	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
2	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
2	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
2	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
3	ENVIVE	41.3	WG			3.5	oz/a	PRE	A	97 ab	99 a	99 a	99 a
3	CLASSIC	25	WG	0.02	lb ai/a			PRE	A				
3	HARMONY SG	50	SG	0.00643	lb ai/a			PRE	A				
3	VALOR SX	51	WG	0.0635	lb ai/a			PRE	A				
3	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
3	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
3	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
3	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
3	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
4	CANOPY	75	WG	0.188	lb ai/a	4	oz/a	PRE	A	83 c	99 a	99 a	98 ab
4	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
4	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
4	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
4	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
4	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
5	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-1	B	97 ab	99 b	98 a	99 a
5	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-1	B				
5	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-1	B				
5	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-1	B				
5	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-1	B				
6	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-1	B	98 a	99 a	99 a	99 a
6	CLASSIC	25	WG	0.0078	lb ai/a	0.5	oz/a	2-4"W-1	B				
6	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-1	B				
7	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2	oz/a	PRE	A	97 ab	99 a	97 b	96 bc
7	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
7	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
8	AUTHORITY ASSIST	4	SL	0.156	lb ai/a	5	fl oz/a	PRE	A	58 d	99 a	99 a	98 ab
8	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
8	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
9	AUTHORITY MTZ	45	WG	0.31	lb ai/a	11	oz/a	PRE	A	43 e	99 a	99 a	99 a
9	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
9	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
10	SPARTAN 4F	4	SC	0.125	lb ai/a	4	fl oz/a	PRE	A	87 bc	99 a	98 a	96 c
10	CLASSIC	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A				
10	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
10	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
11	SPARTAN 4F	4	SC	0.15	lb ai/a	4.8	fl oz/a	PRE	A	95 ab	99 a	99 a	99 a
11	CLASSIC	25	WG	0.01875	lb ai/a	1.2	oz/a	PRE	A				
11	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
11	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
12	OPTILL	68	WG	0.085	lb ai/a	2	oz/a	PRE	A	60 d	99 a	98 a	99 a
12	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
12	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
13	PREFIX	5.29	EC	1.32	lb ai/a	2	pt/a	PRE	A	88 abc	99 a	99 a	99 a
13	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
13	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
14	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	83 c	99 a	99 a	98 ab
14	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
14	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				

Residual Herbicides in Liberty Link Soybean.

Trial ID: 09-2A-MW70

Location: Belleville Res. Center

Pest Code	AMBEL	AMBEL	AMBEL	AMBEL
Crop Code				
Rating Date	07-22-09	07-30-09	08-06-09	08-20-09
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	5 DA-B	13 DA-B	20 DA-B	34 DA-B
Trt-Eval Interval	-1 DA-C	7 DA-C	14 DA-C	28 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
LSD (P=.05)					10.8	0.3		1.3	2.6
Replicate F					0.807	1.000		2.396	2.291
Replicate Prob(F)					0.4572	0.3816		0.1109	0.1213
Treatment F					56.012	88164.314		3437.623	839.869
Treatment Prob(F)					0.0001	0.0001		0.0001	0.0001

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

Residual Herbicides in Liberty Link Soybean.

Trial ID: 09-2A-MW70

Location: Belleville Res. Center

										AMATA	AMATA	AMATA	AMATA
Pest Code										07-22-09	07-30-09	08-06-09	08-20-09
Crop Code										Control	Control	Control	Control
Rating Date										Percent	Percent	Percent	Percent
Rating Data Type										5 DA-B	13 DA-B	20 DA-B	34 DA-B
Rating Unit										-1 DA-C	7 DA-C	14 DA-C	28 DA-C
Rating Timing													
Trt-Eval Interval													
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 d	0 f	0 f
2	CANOPY EX	29.5	WG			1.5	oz/a	PRE	A	0 d	97 c	89 e	53 e
2	CLASSIC	25	WG	0.0212	lb ai/a			PRE	A				
2	EXPRESS	50	SG	0.00636	lb ai/a			PRE	A				
2	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
2	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
2	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
2	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
2	LIQUID AMS	100	SL	5	% v/v			2-4"W-2	C				
3	ENVIVE	41.3	WG			3.5	oz/a	PRE	A	99 a	99 a	99 a	99 a
3	CLASSIC	25	WG	0.02	lb ai/a			PRE	A				
3	HARMONY SG	50	SG	0.00643	lb ai/a			PRE	A				
3	VALOR SX	51	WG	0.0635	lb ai/a			PRE	A				
3	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
3	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
3	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
3	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
3	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
4	CANOPY	75	WG	0.188	lb ai/a	4	oz/a	PRE	A	87 b	99 a	97 a-d	91 cd
4	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
4	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
4	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
4	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
4	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
5	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-1	B	98 a	99 ab	96 cd	90 d
5	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-1	B				
5	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-1	B				
5	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-1	B				
5	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-1	B				
6	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-1	B	96 a	99 a	97 bcd	94 a-d
6	CLASSIC	25	WG	0.0078	lb ai/a	0.5	oz/a	2-4"W-1	B				
6	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-1	B				
7	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2	oz/a	PRE	A	96 a	99 a	97 a-d	98 ab
7	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
7	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
8	AUTHORITY ASSIST	4	SL	0.156	lb ai/a	5	fl oz/a	PRE	A	98 a	99 a	98 abc	98 a
8	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
8	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
9	AUTHORITY MTZ	45	WG	0.31	lb ai/a	11	oz/a	PRE	A	99 a	99 a	99 a	98 a
9	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
9	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
10	SPARTAN 4F	4	SC	0.125	lb ai/a	4	fl oz/a	PRE	A	98 a	99 a	98 ab	98 a
10	CLASSIC	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A				
10	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
10	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
11	SPARTAN 4F	4	SC	0.15	lb ai/a	4.8	fl oz/a	PRE	A	98 a	99 a	98 ab	97 abc
11	CLASSIC	25	WG	0.01875	lb ai/a	1.2	oz/a	PRE	A				
11	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
11	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
12	OPTILL	68	WG	0.085	lb ai/a	2	oz/a	PRE	A	63 c	98 b	95 d	92 bcd
12	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
12	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
13	PREFIX	5.29	EC	1.32	lb ai/a	2	pt/a	PRE	A	99 a	99 a	99 a	99 a
13	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
13	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
14	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	98 a	99 a	99 ab	97 abc
14	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
14	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				

Residual Herbicides in Liberty Link Soybean.

Trial ID: 09-2A-MW70

Location: Belleville Res. Center

Pest Code	AMATA	AMATA	AMATA	AMATA
Crop Code				
Rating Date	07-22-09	07-30-09	08-06-09	08-20-09
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	5 DA-B	13 DA-B	20 DA-B	34 DA-B
Trt-Eval Interval	-1 DA-C	7 DA-C	14 DA-C	28 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
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LSD (P=.05)	4.7	0.9	2.2	6.2
Replicate F	0.526	0.347	1.349	1.889
Replicate Prob(F)	0.5970	0.7103	0.2772	0.1714
Treatment F	487.024	7605.921	1152.004	164.712
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001

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

Residual Herbicides in Liberty Link Soybean.

Trial ID: 09-2A-MW70

Location: Belleville Res. Center

										ABUTH	ABUTH	ABUTH	ABUTH
Pest Code										07-22-09	07-30-09	08-06-09	08-20-09
Crop Code										Control	Control	Control	Control
Rating Date										Percent	Percent	Percent	Percent
Rating Data Type										5 DA-B	13 DA-B	20 DA-B	34 DA-B
Rating Unit										-1 DA-C	7 DA-C	14 DA-C	28 DA-C
Rating Timing													
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	NONTREATED									0 g	0 c	0 c	0 d
2	CANOPY EX	29.5	WG			1.5	oz/a	PRE	A	70 d	99 a	97 b	98 abc
2	CLASSIC	25	WG	0.0212	lb ai/a			PRE	A				
2	EXPRESS	50	SG	0.00636	lb ai/a			PRE	A				
2	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
2	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
2	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
2	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
2	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
3	ENVIVE	41.3	WG			3.5	oz/a	PRE	A	94 a	99 a	99 a	98 abc
3	CLASSIC	25	WG	0.02	lb ai/a			PRE	A				
3	HARMONY SG	50	SG	0.00643	lb ai/a			PRE	A				
3	VALOR SX	51	WG	0.0635	lb ai/a			PRE	A				
3	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
3	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
3	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
3	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
3	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
4	CANOPY	75	WG	0.188	lb ai/a	4	oz/a	PRE	A	90 ab	99 a	98 ab	98 abc
4	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
4	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-2	C				
4	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-2	C				
4	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-2	C				
4	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
5	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-1	B	93 a	99 ab	97 b	97 abc
5	SYNCHRONY XP	28.4	WG			0.375	oz/a	2-4"W-1	B				
5	CLASSIC	25	WG	0.00504	lb ai/a			2-4"W-1	B				
5	HARMONY SG	50	SG	0.00162	lb ai/a			2-4"W-1	B				
5	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-1	B				
6	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-1	B	92 a	99 a	98 ab	96 c
6	CLASSIC	25	WG	0.0078	lb ai/a	0.5	oz/a	2-4"W-1	B				
6	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-1	B				
7	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2	oz/a	PRE	A	78 cd	98 b	98 ab	98 abc
7	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
7	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
8	AUTHORITY ASSIST	4	SL	0.156	lb ai/a	5	fl oz/a	PRE	A	82 bc	99 a	98 ab	98 ab
8	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
8	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
9	AUTHORITY MTZ	45	WG	0.31	lb ai/a	11	oz/a	PRE	A	57 e	99 ab	97 b	98 ab
9	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
9	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
10	SPARTAN 4F	4	SC	0.125	lb ai/a	4	fl oz/a	PRE	A	88 ab	99 a	98 ab	97 abc
10	CLASSIC	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A				
10	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
10	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
11	SPARTAN 4F	4	SC	0.15	lb ai/a	4.8	fl oz/a	PRE	A	90 ab	99 a	98 ab	98 abc
11	CLASSIC	25	WG	0.01875	lb ai/a	1.2	oz/a	PRE	A				
11	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
11	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
12	OPTILL	68	WG	0.085	lb ai/a	2	oz/a	PRE	A	88 ab	99 a	98 ab	99 a
12	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
12	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
13	PREFIX	5.29	EC	1.32	lb ai/a	2	pt/a	PRE	A	25 f	99 ab	97 b	96 bc
13	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
13	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				
14	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	PRE	A	86 abc	99 ab	98 ab	98 abc
14	IGNITE 280	2.34	EC	0.402	lb ai/a	22	fl oz/a	2-4"W-2	C				
14	LIQUID AMS	100	SL	5	% v/v	5	% v/v	2-4"W-2	C				

Residual Herbicides in Liberty Link Soybean.

Trial ID: 09-2A-MW70

Location: Belleville Res. Center

Pest Code	ABUTH	ABUTH	ABUTH	ABUTH
Crop Code				
Rating Date	07-22-09	07-30-09	08-06-09	08-20-09
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	5 DA-B	13 DA-B	20 DA-B	34 DA-B
Trt-Eval Interval	-1 DA-C	7 DA-C	14 DA-C	28 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
LSD (P=.05)					9.9	0.6		1.5	2.2
Replicate F					6.805	0.582		2.335	3.065
Replicate Prob(F)					0.0044	0.5658		0.1168	0.0638
Treatment F					69.724	17063.121		2484.594	1203.031
Treatment Prob(F)					0.0001	0.0001		0.0001	0.0001

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

Trial Comments

1. Protocol: DuPont (09-294), FMC, BASF, Syngenta.
2. Ratings: CI at 7 + 14 da B; CI/WC at 0, 7, 14 + 28 da C.
3. Yield.
4. Harvested 11-7-09, (2) 30 inch rows by 25 ft.