

Tackle Burndown and POST in Soybean.

Trial ID: 09-ARC-17-100-M50 Location: Agronomy Res. Center

Investigator: Bryan Young, Professor, Southern Illinois University, bgyoung@siu.edu
 City State Zip Country: Carbondale IL 62901 USA
 Trial Status: FINAL Initiation Date: 04-29-09

Objectives: Determine the efficacy and selectivity of Tackle herbicide applied as
 a burndown and postemergence in no-till soybean.

Crop 1: GLXMA Soybean Variety: FS 45T70 Description: RR/STS
 Planting Method: SEEDED Planting Date: 05-22-09
 Rate, Unit: 75 LB/A Depth, Unit: 1.0 IN
 Row Spacing, Unit: 30 IN

Pest 1 Type: W	Code: STEME	Stellaria media (L.) Vill.	chickweed, common
Pest 2 Type: W	Code: LAMAM	Lamium amplexicaule L.	henbit
Pest 3 Type: W	Code: POAAN	Poa annua L.	bluegrass, annual
Pest 4 Type: W	Code: SENGL	Senecio glabellus Poir.	groundsel, cressleaf
Pest 5 Type: W	Code: ERICA	Conyza canadensis (L.) Crong.	horseweed
Pest 6 Type: W	Code: AMBTR	Ambrosia trifida L.	ragweed, giant
Pest 7 Type: W	Code: PANDI	Panicum dichotomiflorum Michx.	panicum, fall
Pest 8 Type: W	Code: IPOSS		morningglory, species

Plot Width, Unit: 10 FT Site Type: FIELD
 Plot Length, Unit: 28 FT Tillage Type: NO-TILL
 Replications: 4 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:	STOY
CEC:	8.3	Fert. Level:	P1: 67 LB/A, K: 247 LB/A

	Application Description		
	A	B	C
Application Date:	04-29-09		06-17-09
Time of Day:	14:30	See	8:00
Application Method:	Spray	Comment 5	Spray
Application Timing:	14-21EPP PRE		14-21DAP
Application Placement:	BROFOL	BROFOL	BROFOL
Applied By:	NRJ		DKP
Air Temperature, Unit:	84 F		84 F
% Relative Humidity:	58		75
Wind Velocity, Unit:	2 MPH		4 MPH
Wind Direction:	W		W
Dew Presence (Y/N):	N		Y
Soil Temperature, Unit:	70 F		76 F
Soil Moisture:	ABONOR		ABONOR
% Cloud Cover:	75		50
	04-29-09		06-17-09
Crop stage at application:	NA	NA	V2-V3
Height Min, Max (inch):		NA 5	7

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	Pest Stage At Each Application			
Application Date:	04-29-09		06-17-09	
Weed Code:	STEME	STEME	STEME	
Stage Majority (leaves):	70	NA	NA	
Stage Min, Max:	60	80		
Height Majority:	5	IN		
Height Min, Max:	4	6		
Density, Unit:	2	FT2		
Weed Code:	LAMAM	LAMAM	LAMAM	
Stage Majority (leaves):	50	NA	NA	
Stage Min, Max:	30	60		
Height Majority:	7	IN		
Height Min, Max:	6	8		
Density, Unit:	1	FT2		
Weed Code:	POAAN	POAAN	POAAN	
Stage Majority (leaves):	35	NA	35	
Stage Min, Max:	30	40	30	40
Height Majority:	3	IN	3	IN
Height Min, Max:	2	4	2	4
Density, Unit:	1	FT2	0.5	FT2
Weed Code:	SENGL	SENGL	SENGL	
Stage Majority (leaves):	20	NA	NA	
Stage Min, Max:	10	30		
Height Majority:	22	IN		
Height Min, Max:	12	30		
Density, Unit:	0.1	FT2		
Weed Code:	ERICA	ERICA	ERICA	
Stage Majority (leaves):	30	NA	55	
Stage Min, Max:	10	40	14	70
Height Majority:	8	IN	14	IN
Height Min, Max:	3	10	5	48
Density, Unit:	0.1	FT2	0.4	FT2
Weed Code:	AMBTR	AMBTR	AMBTR	
Stage Majority (leaves):	6	NA	NA	
Stage Min, Max:	2	8		
Height Majority:	4	IN		
Height Min, Max:	2	6		
Density, Unit:	0.2	FT2		
Weed Code:	PANDI	PANDI	PANDI	
Stage Majority (leaves):	NA	NA	5	
Stage Min, Max:			3	9
Height Majority:			8	IN
Height Min, Max:			2	14
Density, Unit:			2	FT2
Weed Code:	IPOSS	IPOSS	IPOSS	
Stage Majority (leaves):	NA	NA	6	
Stage Min, Max:			2	8
Height Majority:			3	IN
Height Min, Max:			1	4
Density, Unit:			0.2	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:	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA

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									STEME							
Pest Code									GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
Crop Code									11-05-09	11-05-09	05-27-09	06-24-09	07-01-09	07-15-09	08-12-09	05-13-09
Rating Date									Moisture	Yield	Injury	Injury	Injury	Injury	Injury	Control
Rating Data Type									Percent	bu/A	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit																
Rating Timing																
Trt-Eval Interval																
									28 DA-A		7 DA-C	14 DA-C	28 DA-C	56 DA-C	14 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code							
1	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	11.9 b	56 a	0 a	0 b	0 a	0 a	99 a
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A							
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A							
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21DAP	C							
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C							
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	12.0 b	59 a	0 a	1 b	0 a	0 a	99 a
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A							
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A							
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21DAP	C							
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C							
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C							
3	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	13.1 a	37 b	0 a	0 b	0 a	0 a	99 a
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A							
3	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A							
3	SEE COMMENT 5															
3	CHA-019	4.5	ME	1.13	lb ai/a	32	fl oz/a	PRE	B							
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21EPP	A	12.0 b	58 a	0 a	0 b	0 a	0 a	99 a
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A							
4	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21DAP	C							
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C							
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C							
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21EPP	A	11.8 b	58 a	0 a	2 a	0 a	0 a	99 a
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A							
5	EXTREME	2.17	ME	0.81	lb ai/a	3	pt/a	14-21DAP	C							
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C							
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C							
6	NONTREATED									12.2 b	36 b	0 a	0 b	0 a	0 a	0 b
LSD (P=.05)										0.66	6.4	0.0	1.4	0.0	0.0	0.0
Replicate F										0.320	0.828	0.000	0.000	0.000	0.000	0.000
Replicate Prob(F)										0.8111	0.4987	1.0000	1.0000	1.0000	1.0000	1.0000
Treatment F										4.833	26.597	0.000	3.667	0.000	0.000	0.000
Treatment Prob(F)										0.0078	0.0001	1.0000	0.0229	1.0000	1.0000	1.0000

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

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Pest Code	LAMAM	POAAN	POAAN	SENGL
Crop Code				
Rating Date	05-13-09	05-13-09	05-27-09	05-13-09
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing				
Trt-Eval Interval	14 DA-A	14 DA-A	28 DA-A	14 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	99 a	99 a	99 a	98 b
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A				
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A				
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21DAP	C				
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C				
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	99 a	99 a	99 a	99 ab
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A				
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A				
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21DAP	C				
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C				
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C				
3	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	99 a	99 a	98 a	99 a
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A				
3	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A				
3	SEE COMMENT 5												
3	CHA-019	4.5	ME	1.13	lb ai/a	32	fl oz/a	PRE	B				
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21EPP	A	99 a	99 a	96 ab	99 a
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A				
4	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21DAP	C				
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C				
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C				
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21EPP	A	99 a	99 a	91 b	99 a
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A				
5	EXTREME	2.17	ME	0.81	lb ai/a	3	pt/a	14-21DAP	C				
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C				
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C				
6	NONTREATED									0 b	0 b	0 c	0 c
LSD (P=.05)										0.0	0.0	6.9	1.0
Replicate F										0.000	0.000	0.515	0.385
Replicate Prob(F)										1.0000	1.0000	0.6781	0.7656
Treatment F										0.000	0.000	294.047	14988.694
Treatment Prob(F)										1.0000	1.0000	0.0001	0.0001

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Trial ID: 09-ARC-17-100-M50

Location: Agronomy Res. Center

Pest Code	ERICA	ERICA	ERICA	ERICA	ERICA
Crop Code					
Rating Date	05-13-09	05-27-09	07-01-09	07-15-09	08-12-09
Rating Data Type	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent
Rating Timing					
Trt-Eval Interval	14 DA-A	28 DA-A	14 DA-C	28 DA-C	56 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	90 a	86 a	78 a	83 a	83 a
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A					
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A					
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21DAP	C					
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C					
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	88 a	73 b	75 a	75 a	75 a
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A					
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A					
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21DAP	C					
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C					
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C					
3	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	88 a	81 ab	59 b	46 b	45 b
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A					
3	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A					
3	SEE COMMENT 5													
3	CHA-019	4.5	ME	1.13	lb ai/a	32	fl oz/a	PRE	B					
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21EPP	A	86 a	74 ab	74 a	75 a	75 a
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A					
4	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21DAP	C					
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C					
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C					
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21EPP	A	90 a	85 ab	85 a	84 a	84 a
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A					
5	EXTREME	2.17	ME	0.81	lb ai/a	3	pt/a	14-21DAP	C					
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C					
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C					
6	NONTREATED									0 b	0 c	0 c	0 c	0 c
LSD (P=.05)										4.0	12.9	12.2	22.0	21.2
Replicate F										0.534	0.354	0.509	0.661	0.722
Replicate Prob(F)										0.6660	0.7869	0.6819	0.5890	0.5544
Treatment F										727.136	59.402	60.036	20.062	21.628
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	0.0001

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

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Location: Agronomy Res. Center

Pest Code	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR
Crop Code					
Rating Date	05-13-09	05-27-09	07-01-09	07-15-09	08-12-09
Rating Data Type	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent
Rating Timing					
Trt-Eval Interval	14 DA-A	28 DA-A	14 DA-C	28 DA-C	56 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	99 a	99 a	99 a	99 a	99 a
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A					
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A					
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21DAP	C					
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C					
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	99 a	99 a	99 a	99 a	99 a
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A					
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A					
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21DAP	C					
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C					
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C					
3	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	99 a	99 a	99 a	87 a	87 a
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A					
3	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A					
3	SEE COMMENT 5													
3	CHA-019	4.5	ME	1.13	lb ai/a	32	fl oz/a	PRE	B					
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21EPP	A	99 a	99 a	99 a	99 a	99 a
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A					
4	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21DAP	C					
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C					
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C					
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21EPP	A	99 a	94 a	99 a	99 a	99 a
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A					
5	EXTREME	2.17	ME	0.81	lb ai/a	3	pt/a	14-21DAP	C					
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C					
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C					
6	NONTREATED									0 b	0 b	0 b	0 b	0 b
LSD (P=.05)										0.0	5.8	0.0	15.1	15.1
Replicate F										0.000	1.000	0.000	1.000	1.000
Replicate Prob(F)										1.0000	0.4199	1.0000	0.4199	0.4199
Treatment F										0.000	427.057	0.000	63.080	63.080
Treatment Prob(F)										1.0000	0.0001	1.0000	0.0001	0.0001

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

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Location: Agronomy Res. Center

Pest Code									PANDI	PANDI	PANDI	PANDI	IPOSS	IPOSS	IPOSS
Crop Code									05-27-09	07-01-09	07-15-09	08-12-09	07-01-09	07-15-09	08-12-09
Rating Date									Control	Control	Control	Control	Control	Control	Control
Rating Data Type									Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit															
Rating Timing															
Trt-Eval Interval									28 DA-A	14 DA-C	28 DA-C	56 DA-C	14 DA-C	28 DA-C	56 DA-C
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
1	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	95 a	99 a	97 a	93 a	69 a	63 a
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A						
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A						
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21DAP	C						
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C						
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	93 ab	99 a	98 a	92 a	85 a	74 a
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A						
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A						
2	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21DAP	C						
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C						
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C						
3	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21EPP	A	90 b	0 b	0 b	0 b	16 b	10 b
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A						
3	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21EPP	A						
3	SEE COMMENT 5														
3	CHA-019	4.5	ME	1.13	lb ai/a	32	fl oz/a	PRE	B						
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21EPP	A	0 c	99 a	97 a	93 a	88 a	76 a
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A						
4	TACKLE	4.128	ME	1.0313	lb ai/a	32	fl oz/a	14-21DAP	C						
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C						
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C						
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	14-21EPP	A	0 c	99 a	98 a	92 a	77 a	71 a
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21EPP	A						
5	EXTREME	2.17	ME	0.81	lb ai/a	3	pt/a	14-21DAP	C						
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	14-21DAP	C						
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	%v/v	14-21DAP	C						
6	NONTREATED									0 c	0 b	0 b	0 b	0 b	0 b
LSD (P=.05)									4.8	0.6	1.2	7.4	25.8	18.2	19.7
Replicate F									0.676	1.000	0.419	0.112	1.538	1.336	1.215
Replicate Prob(F)									0.5803	0.4199	0.7423	0.9515	0.2457	0.3000	0.3383
Treatment F									999.973	62569.006	16060.984	377.050	19.521	32.556	24.984
Treatment Prob(F)									0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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

Trial Comments

1. Protocol: Cheminova (HGLXMATAC0901).
2. Ratings: CI at 7, 14, and 28 days after B+C; WC at 14 + 28 days after A and at 14, 28, + 56 days after C.
3. Target STEME, ERICA, AMBTR, DIGSA, AMASS.
4. IPOSS = Morningglory species including IPOHE (ivyleaf morningglory) and IPOLA (pitted morningglory).
5. The planned PRE application was not applied due to an oversight.
6. Harvested 11-5-09, (2) 30 inch rows by 25 ft.