

Kixor Preplant Programs in Soybean.

Trial ID: 10-YRC-KixorPrograms Location: Young Res. Center

Investigator: Bryan Young, Professor, Southern Illinois University, bgyoung@siu.edu
 City State Zip Country: Murphysboro IL 62966 USA
 Trial Status: FINAL Initiation Date: 05-04-10

Objectives: Evaluate Kixor preplant burndown programs in soybean compared with competitive standards.

Crop 1: GLXMA Soybean Variety: AG 4005 Description: RR
 Planting Method: SEEDED Planting Date: 05-10-10
 Rate, Unit: 75 LB/A Depth, Unit: 1.0 IN
 Row Spacing, Unit: 30 IN

Pest 1 Type: W Code: ERICA Conyza canadensis (L.) Crong. horseweed
 Pest Description: glyphosate-resistant marestail
 Pest 2 Type: W Code: HORPU Hordeum pusillum Nutt. barley, little
 Pest 3 Type: W Code: VERAR Veronica arvensis L. speedwell, corn
 Pest 4 Type: W Code: LAMAM Lamium amplexicaule L. henbit
 Pest 5 Type: W Code: AMASS Amaranthus species amaranthus species
 Pest 6 Type: W Code: PANDI Panicum dichotomiflorum Michx. panicum, fall

Plot Width, Unit: 10 FT Site Type: FIELD
 Plot Length, Unit: 30 FT Tillage Type: NO-TILL
 Replications: 3 Study Design: Randomized Complete Block

Prior Crops, Year
 1. GLXMA 2009

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

% OM: 2.1 Texture: VERY FINE SANDY LOAM
 pH: 5 Soil Name: ALVIN
 CEC: 9 Fert. Level: P1 133 LB/A, K 209 LB/A

	Application Description	
	A	B
Application Date:	05-04-10	06-14-10
Time of Day:	10:00	10:00
Application Method:	Spray	Spray
Application Timing:	7DBP	6WA-A
Application Placement:	BROFOL	BROFOL
Applied By:	DKT	JRK
Air Temperature, Unit:	75 F	87 F
% Relative Humidity:	54	77
Wind Velocity, Unit:	2 MPH	4 MPH
Wind Direction:	E	S
Dew Presence (Y/N):	N	N
Soil Temperature, Unit:	74 F	81 F
Soil Moisture:	ABONOR	NORMAL
% Cloud Cover:	0	70
	05-04-10	06-14-10
Crop stage at application:	NA	V8-10
Height Min, Max (inch):	14	20

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	Pest Stage At Each Application			
Application Date:	05-04-10	06-14-10		
Weed Code:	ERICA	ERICA		
Stage Majority (leaves):	10	20		
Stage Min, Max:	3	40	8	70
Height Majority:	4	IN	8	IN
Height Min, Max:	1	10	4	16
Density, Unit:	4	FT2	1	FT2
Weed Code:	HORPU	HORPU		
Stage Majority (leaves):	20	NA		
Stage Min, Max:	12	30		
Height Majority:	18	IN		
Height Min, Max:	16	20		
Density, Unit:	0.3	FT2		
Weed Code:	VERAR	VERAR		
Stage Majority (leaves):	100	NA		
Stage Min, Max:	20	200		
Height Majority:	8	IN		
Height Min, Max:	6	10		
Density, Unit:	1	FT2		
Weed Code:	LAMAM	LAMAM		
Stage Majority (leaves):	30	NA		
Stage Min, Max:	15	50		
Height Majority:	6	IN		
Height Min, Max:	4	10		
Density, Unit:	1	FT2		
Weed Code:	AMASS	AMASS		
Stage Majority (leaves):	2	12		
Stage Min, Max:	1	4	4	28
Height Majority:	1	IN	8	IN
Height Min, Max:	0.5	3	2	19
Density, Unit:	0.01	FT2	4	FT2
Weed Code:	PANDI	PANDI		
Stage Majority (leaves):	NA	7		
Stage Min, Max:		3	10	
Height Majority:		14	IN	
Height Min, Max:		5	26	
Density, Unit:		10	FT2	

Application Equipment

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

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Pest Code								ERICA-HR			
Crop Code								GLXMA	GLXMA	GLXMA	ERICA-HR
Rating Date								05-25-10	06-15-10	07-13-10	05-11-10
Rating Data Type								Injury	Injury	Injury	Control
Rating Unit								Percent	Percent	Percent	Percent
Rating Timing											
Trt-Eval Interval								21 DA-A	42 DA-A	70 DA-A	70 DA-A
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 d
2	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	7DBP	A			0 a	67 c
2	NIS (ACTIVATOR 90)	100 SL		0.25 % v/v	0.25 % v/v	7DBP	A			42 d	
2	AMS	100 SG		2 % w/w	17 lb/100 gal	7DBP	A				
2	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	6WA-A	B				
2	NIS (ACTIVATOR 90)	100 SL		0.25 % v/v	0.25 % v/v	6WA-A	B				
2	AMS	100 SG		2 % w/w	17 lb/100 gal	6WA-A	B				
3	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	7DBP	A			0 a	91 b
3	2,4-D LV 4	3.8 EC		0.475 lb ae/a	16 fl oz/a	7DBP	A				
3	NIS (ACTIVATOR 90)	100 SL		0.25 % v/v	0.25 % v/v	7DBP	A			55 c	
3	AMS	100 SG		2 % w/w	17 lb/100 gal	7DBP	A			90 c	
3	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	6WA-A	B				
3	NIS (ACTIVATOR 90)	100 SL		0.25 % v/v	0.25 % v/v	6WA-A	B				
3	AMS	100 SG		2 % w/w	17 lb/100 gal	6WA-A	B				
4	SHARPEN	2.85 SC		0.0223 lb ai/a	1 fl oz/a	7DBP	A			0 a	92 ab
4	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	7DBP	A				
4	MSO (DESTINY)	100 SL		1 % v/v	1 % v/v	7DBP	A				
4	AMS	100 SG		2 % w/w	17 lb/100 gal	7DBP	A			0 a	
4	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	6WA-A	B				
4	NIS (ACTIVATOR 90)	100 SL		0.25 % v/v	0.25 % v/v	6WA-A	B				
4	AMS	100 SG		2 % w/w	17 lb/100 gal	6WA-A	B				
5	OPTILL	68 WG		0.085 lb ai/a	2 oz/a	7DBP	A			0 a	98 a
5	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	7DBP	A				
5	MSO (DESTINY)	100 SL		1 % v/v	1 % v/v	7DBP	A			0 a	
5	AMS	100 SG		2 % w/w	17 lb/100 gal	7DBP	A				
5	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	6WA-A	B				
5	NIS (ACTIVATOR 90)	100 SL		0.25 % v/v	0.25 % v/v	6WA-A	B				
5	AMS	100 SG		2 % w/w	17 lb/100 gal	6WA-A	B				
6	SHARPEN	2.85 SC		0.0223 lb ai/a	1 fl oz/a	7DBP	A			0 a	95 ab
6	SCEPTER	70 WG		0.123 lb ai/a	2.8 oz/a	7DBP	A				
6	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	7DBP	A			0 a	
6	MSO (DESTINY)	100 SL		1 % v/v	1 % v/v	7DBP	A				
6	AMS	100 SG		2 % w/w	17 lb/100 gal	7DBP	A				
6	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	6WA-A	B				
6	NIS (ACTIVATOR 90)	100 SL		0.25 % v/v	0.25 % v/v	6WA-A	B				
6	AMS	100 SG		2 % w/w	17 lb/100 gal	6WA-A	B				
7	SHARPEN	2.85 SC		0.0223 lb ai/a	1 fl oz/a	7DBP	A			0 a	96 ab
7	EXTREME	2.17 SL		0.81 lb ai/a	3 pt/a	7DBP	A				
7	MSO (DESTINY)	100 SL		1 % v/v	1 % v/v	7DBP	A			0 a	
7	AMS	100 SG		2 % w/w	17 lb/100 gal	7DBP	A				
7	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	6WA-A	B				
7	NIS (ACTIVATOR 90)	100 SL		0.25 % v/v	0.25 % v/v	6WA-A	B				
7	AMS	100 SG		2 % w/w	17 lb/100 gal	6WA-A	B				
8	SHARPEN	2.85 SC		0.0223 lb ai/a	1 fl oz/a	7DBP	A			0 a	95 ab
8	PROWL H2O	3.8 CS		1.23 lb ai/a	2.6 pt/a	7DBP	A				
8	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	7DBP	A			0 a	
8	MSO (DESTINY)	100 SL		1 % v/v	1 % v/v	7DBP	A				
8	AMS	100 SG		2 % w/w	17 lb/100 gal	7DBP	A				
8	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	6WA-A	B				
8	NIS (ACTIVATOR 90)	100 SL		0.25 % v/v	0.25 % v/v	6WA-A	B				
8	AMS	100 SG		2 % w/w	17 lb/100 gal	6WA-A	B				
9	SHARPEN	2.85 SC		0.0223 lb ai/a	1 fl oz/a	7DBP	A			0 a	98 a
9	BOUNDARY	6.5 EC		1.22 lb ai/a	1.5 pt/a	7DBP	A				
9	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	7DBP	A			0 a	
9	MSO (DESTINY)	100 SL		1 % v/v	1 % v/v	7DBP	A				
9	AMS	100 SG		2 % w/w	17 lb/100 gal	7DBP	A				
9	CORNERSTONE	3 SL		0.75 lb ae/a	32 fl oz/a	6WA-A	B				
9	NIS (ACTIVATOR 90)	100 SL		0.25 % v/v	0.25 % v/v	6WA-A	B				
9	AMS	100 SG		2 % w/w	17 lb/100 gal	6WA-A	B				

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Pest Code										ERICA-HR		ERICA-HR		ERICA-HR		ERICA-HR	
Crop Code										GLXMA		GLXMA		GLXMA		05-11-10	
Rating Date										05-25-10		06-15-10		07-13-10		Control	
Rating Data Type										Injury		Injury		Injury		Percent	
Rating Unit										Percent		Percent		Percent		Percent	
Rating Timing																	
Trt-Eval Interval																	
										21 DA-A		42 DA-A		70 DA-A		7 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code								
10	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	7DBP	A	0 a		0 a		0 a		97 a	95 ab
10	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	7DBP	A							94 abc	92 ab
10	COC (PRIME OIL)	100	SL	1	% v/v	1	% v/v	7DBP	A								
10	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B								
10	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B								
10	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B								
11	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2	oz/a	7DBP	A	0 a		0 a		0 a		53 c	91 bc
11	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	7DBP	A							97 ab	97 ab
11	2,4-D LV 4	3.8	EC	0.475	lb ae/a	16	fl oz/a	7DBP	A								
11	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	7DBP	A								
11	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A								
11	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B								
11	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B								
11	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B								
12	IGNITE 280	2.34	EC	0.53	lb ai/a	29	fl oz/a	7DBP	A	0 a		0 a		0 a		87 b	97 a
12	SENCOR	75	WG	0.14	lb ai/a	3	oz/a	7DBP	A								
12	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A								
12	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B								
12	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B								
12	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B								
LSD (P=.05)										0.0		0.0		0.0		2.3	3.9
Replicate F										0.000		0.000		0.000		0.000	0.392
Replicate Prob(F)										1.0000		1.0000		1.0000		1.0000	0.6806
Treatment F										0.000		0.000		0.000		1713.835	449.335
Treatment Prob(F)										1.0000		1.0000		1.0000		0.0001	0.0001

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

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Pest Code Crop Code Rating Date Rating Data Type Rating Unit Rating Timing Trt-Eval Interval									HORPU	HORPU	VERAR	LAMAM	AMASS	AMASS	PANDI	
									05-11-10 Control Percent	05-25-10 Control Percent	05-11-10 Control Percent	05-11-10 Control Percent	05-25-10 Control Percent	06-15-10 Control Percent	06-15-10 Control Percent	
									7 DA-A	21 DA-A	7 DA-A	7 DA-A	21 DA-A	42 DA-A	42 DA-A	
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 h	0 c	0 d	0 e
2	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	7DBP	A	90 b	99 a	33 e	32 g	0 c	0 d	0 e
2	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	7DBP	A							
2	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A							
2	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
2	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
2	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							
3	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	7DBP	A	90 b	99 a	37 de	40 f	0 c	0 d	0 e
3	2,4-D LV 4	3.8	EC	0.475	lb ae/a	16	fl oz/a	7DBP	A							
3	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	7DBP	A							
3	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A							
3	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
3	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
3	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							
4	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7DBP	A	93 a	99 a	42 de	45 ef	47 b	37 c	0 e
4	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	7DBP	A							
4	MSO (DESTINY)	100	SL	1	% v/v	1	% v/v	7DBP	A							
4	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A							
4	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
4	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
4	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							
5	OPTILL	68	WG	0.085	lb ai/a	2	oz/a	7DBP	A	93 a	99 a	43 de	48 de	98 a	83 a	47 b
5	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	7DBP	A							
5	MSO (DESTINY)	100	SL	1	% v/v	1	% v/v	7DBP	A							
5	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A							
5	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
5	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
5	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							
6	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7DBP	A	93 a	99 a	42 de	53 cd	94 a	62 b	33 c
6	SCEPTER	70	WG	0.123	lb ai/a	2.8	oz/a	7DBP	A							
6	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	7DBP	A							
6	MSO (DESTINY)	100	SL	1	% v/v	1	% v/v	7DBP	A							
6	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A							
6	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
6	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
6	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							
7	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7DBP	A	91 ab	99 a	48 cd	57 bc	93 a	7 d	65 a
7	EXTREME	2.17	SL	0.81	lb ai/a	3	pt/a	7DBP	A							
7	MSO (DESTINY)	100	SL	1	% v/v	1	% v/v	7DBP	A							
7	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A							
7	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
7	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
7	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							
8	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7DBP	A	93 ab	99 a	47 cde	52 cde	98 a	32 c	23 cd
8	PROWL H2O	3.8	CS	1.23	lb ai/a	2.6	pt/a	7DBP	A							
8	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	7DBP	A							
8	MSO (DESTINY)	100	SL	1	% v/v	1	% v/v	7DBP	A							
8	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A							
8	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
8	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
8	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							
9	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7DBP	A	85 c	99 a	73 b	95 a	97 a	0 d	0 e
9	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	7DBP	A							
9	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	7DBP	A							
9	MSO (DESTINY)	100	SL	1	% v/v	1	% v/v	7DBP	A							
9	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A							
9	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
9	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
9	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							

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Pest Code Crop Code Rating Date Rating Data Type Rating Unit Rating Timing Trt-Eval Interval									HORPU	HORPU	VERAR	LAMAM	AMASS	AMASS	PANDI	
									05-11-10 Control Percent	05-25-10 Control Percent	05-11-10 Control Percent	05-11-10 Control Percent	05-25-10 Control Percent	06-15-10 Control Percent	06-15-10 Control Percent	
									7 DA-A	21 DA-A	7 DA-A	7 DA-A	21 DA-A	42 DA-A	42 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code							
10	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	7DBP	A	87 c	98 b	99 a	99 a	98 a	0 d	0 e
10	BOUNDARY	6.5	EC	1.22	lb ai/a	1.5	pt/a	7DBP	A							
10	COC (PRIME OIL)	100	SL	1	% v/v	1	% v/v	7DBP	A							
10	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
10	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
10	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							
11	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2	oz/a	7DBP	A	90 b	99 a	58 c	63 b	98 a	94 a	20 d
11	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	7DBP	A							
11	2,4-D LV 4	3.8	EC	0.475	lb ae/a	16	fl oz/a	7DBP	A							
11	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	7DBP	A							
11	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A							
11	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
11	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
11	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							
12	IGNITE 280	2.34	EC	0.53	lb ai/a	29	fl oz/a	7DBP	A	85 c	97 c	77 b	95 a	0 c	0 d	0 e
12	SENCOR	75	WG	0.14	lb ai/a	3	oz/a	7DBP	A							
12	AMS	100	SG	2	% w/w	17	lb/100 gal	7DBP	A							
12	CORNERSTONE	3	SL	0.75	lb ae/a	32	fl oz/a	6WA-A	B							
12	NIS (ACTIVATOR 90)	100	SL	0.25	% v/v	0.25	% v/v	6WA-A	B							
12	AMS	100	SG	2	% w/w	17	lb/100 gal	6WA-A	B							
LSD (P=.05)									3.3	0.5	14.2	7.1	11.3	17.3	11.2	
Replicate F									2.840	0.818	0.209	2.818	0.336	4.727	2.105	
Replicate Prob(F)									0.0847	0.4570	0.8132	0.0814	0.7179	0.0196	0.1457	
Treatment F									570.956	23935.836	26.844	139.864	146.807	35.991	34.203	
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: BASF (K12).
2. Ratings: WC at 7 DA-A; CI/WC at 3, 6, and 10 WA-A.
3. ERICA-HR = Herbicide-resistant marestail (glyphosate).
AMASS = Amaranth species including AMATA (common waterhemp) and AMARE (redroot pigweed).
AMASS control ratings on 5-25-10 are residual control.
4. By 5-25-10 LAMAM and VERAR were sensing naturally in the nontreated plots and could no longer be evaluated.
By 6-15-10 HORPU was sensing naturally in the nontreated plots and could no longer be evaluated.
5. Not harvested.