

Glyfos X-tra and Pursuit Combinations for Weed Management in No-Till Soybean.

Project Code: 07-1-MME30 Location: Belleville Research Center
 Investigator: Bryan Young

Investigator: Bryan Young, Associate Professor, Southern Illinois University

City State Zip Country: Belleville IL 62221 USA
 Trial Status: Final Updated: 1-23-08

Objective:

To determine the efficacy of Glyphos X-tra + imazethapyr applied as a burndown 2-3 weeks prior to planting or postemergence 2-3 weeks after planting soybean in 2007.

Weed Code	Common Name	Scientific Name
1.	ALOCA foxtail, Carolina	Alopecurus carolinianus Walt.
2.	STEME chickweed, common	Stellaria media (L.) Vill.
3.	RANAB buttercup, smallflower	Ranunculus abortivus L.
4.	ERICA horseweed	Coryza canadensis (L.) Crong.
5.	SETFA foxtail, giant	Setaria faberi Herrm.
6.	CHEAL lambsquarters, common	Chenopodium album L.
7.	AMATA waterhemp, common	Amaranthus rudis Sauer
8.	ABUTH velvetleaf	Abutilon theophrasti Medicus

Crop 1: GLXMA soybean Variety: Asgrow 4404 RR/STS
 Planting Method: Seeded Planting Date: 5-21-07
 Rate: 75 lb/A Depth: 1.0 IN
 Row Spacing: 30 IN

Plot Width, Unit: 10 FT Plot Length, Unit: 28 FT Reps: 3
 Tillage Type: No-Till Study Design: Randomized complete block
 Previous Crop, Year: ZEAMX, 2006
 Field Prep./Maintenance: N 0 LB/A, P205 0 LB/A, K20 100 LB/A

Soil Name: Weir % OM: 1.6 pH: 6.7 CEC: 8
 Texture: Silt loam Fert. Level: P1: 96 LB/A, K: 327 LB/A

APPLICATION DESCRIPTION

	A	B
Application Date:	4-25-07	6-9-07
Time of Day:	8:00	10:00
Application Method:	Spray	Spray
Application Timing:	21EPP	2-3WAP
Applic. Placement:	BROFOL	BROFOL
Air Temp., Unit:	64 F	78 F
% Relative Humidity:	92	40
Wind Velocity, Unit:	3 MPH	1-3 MPH
Soil Moisture:	ABONOR	NORMAL

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	GLXMA NA	GLXMA V2
Height, Unit:	NA NA	3-6 IN

WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code:	ALOCA	
Stage(leaves):	5-6	
Height(inches):	3-4	
Density:	Medium	
Weed 2 Code:	STEME	
Stage(leaves):	10+	
Height(inches):	3-4	
Density:	High	
Weed 3 Code:	RANAB	
Stage(leaves):	10+	
Height(inches):	6-8	
Density:	Medium	
Weed 4 Code:	ERICA	ERICA
Stage(leaves):	10+	15+
Height(inches):	3-4	6-8
Density:	Low	Low
Weed 5 Code:		SETFA
Stage(leaves):		3-5
Height(inches):		4-8
Density:		Low
Weed 6 Code:		CHEAL
Stage(leaves):		8-12
Height(inches):		4-8
Density:		Low

Glyphs X-tra and Pursuit Combinations for Weed Management in No-Till Soybean.

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Weed 7 Code: AMATA
Stage(leaves): 4-10
Height(inches): 2-6
Density: High

Weed 8 Code: ABUTH
Stage(leaves): 4-6
Height(inches): 2-4
Density: Low

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	CO2 sprayer	CO2 sprayer
Operating Pressure:	40 PSI	40 PSI
Nozzle Type:	Flat fan	Flat fan
Nozzle Size:	XR 8002	XR 8002
Boom Length, Unit:	7.5 FT	7.5 FT
Spray Volume, Unit:	15 GPA	15 GPA

NOTES:

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Weed Code	GLXMA	GLXMA	GLXMA	ALOCA	ALOCA	ALOCA	STEME	STEME	STEME
Crop Code	Injury	Injury	Injury	Control	Control	Control	Control	Control	Control
Rating Data Type	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit	6-16-07	6-23-07	7-7-07	5-2-07	5-9-07	5-16-07	5-2-07	5-9-07	5-16-07
Rating Date	7 DA-B	14 DA-B	28 DA-B	7 DA-A	14 DA-A	21 DA-A	7 DA-A	14 DA-A	21 DA-A
Trt-Eval Interval									

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code									
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	2 b	0 b	1 ab	80 ab	99 a	99 a	60 a	99 a	99 a
1	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	21EPP	A									
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A									
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B									
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B									
2	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	2 b	0 b	1 ab	82 a	99 a	99 a	63 a	99 a	99 a
2	PURSUIT	2	SL	0.047	lb ai/a	3	fl oz/a	21EPP	A									
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A									
2	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B									
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B									
3	EXTREME	2.17	SL	0.81	lb ai/a	3	pt/a	21EPP	A	1 b	0 b	0 b	80 ab	99 a	99 a	60 a	99 a	99 a
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	21EPP	A									
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A									
3	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B									
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B									
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	10 a	6 a	2 ab	77 b	99 a	99 a	60 a	99 a	99 a
4	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	21EPP	A									
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A									
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B									
4	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	2-3WAP	B									
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B									
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	8 a	6 a	1 ab	78 ab	99 a	99 a	60 a	99 a	99 a
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A									
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B									
5	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	2-3WAP	B									
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B									
6	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	8 a	7 a	4 a	80 ab	99 a	99 a	60 a	99 a	99 a
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A									
6	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B									
6	PURSUIT	2	SL	0.047	lb ai/a	3	fl oz/a	2-3WAP	B									
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B									
7	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	11 a	8 a	3 ab	80 ab	99 a	99 a	60 a	99 a	99 a
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A									
7	EXTREME	2.17	SL	0.81	lb ai/a	3	pt/a	2-3WAP	B									
7	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	2-3WAP	B									
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B									
8	NONTREATED									0 b	0 b	0 b	0 c	0 b	0 b	0 b	0 b	0 b
LSD (P=.05)										3.8	4.6	3.1	4.5	0.0	0.0	3.6	0.0	0.0
Replicate F										0.246	1.667	0.821	0.636	0.000	0.000	1.000	0.000	0.000
Replicate Prob(F)										0.7851	0.2241	0.4600	0.5439	1.0000	1.0000	0.3927	1.0000	1.0000
Treatment F										12.744	5.764	1.503	363.182	0.000	0.000	330.143	0.000	0.000
Treatment Prob(F)										0.0001	0.0027	0.2443	0.0001	1.0000	1.0000	0.0001	1.0000	1.0000

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

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Weed Code	RANAB	RANAB	RANAB	ERICA	ERICA	ERICA
Crop Code	Control	Control	Control	Control	Control	Control
Rating Data Type	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit	5-2-07	5-9-07	5-16-07	5-2-07	5-9-07	5-16-07
Rating Date	7 DA-A	14 DA-A	21 DA-A	7 DA-A	14 DA-A	21 DA-A
Trt-Eval Interval						

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code						
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	60 a	90 abc	98 a	42 ab	57 a	72 b
1	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	21EPP	A						
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A						
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B						
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B						
2	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	62 a	92 ab	99 a	45 a	62 a	78 ab
2	PURSUIT	2	SL	0.047	lb ai/a	3	fl oz/a	21EPP	A						
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A						
2	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B						
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B						
3	EXTREME	2.17	SL	0.81	lb ai/a	3	pt/a	21EPP	A	62 a	90 abc	99 a	42 ab	62 a	75 ab
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	21EPP	A						
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A						
3	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B						
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B						
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	60 a	90 abc	99 a	38 bc	58 a	73 ab
4	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	21EPP	A						
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A						
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B						
4	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	2-3WAP	B						
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B						
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	60 a	88 bc	99 a	35 c	63 a	73 b
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A						
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B						
5	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	2-3WAP	B						
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B						
6	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	60 a	93 a	98 a	42 ab	62 a	73 ab
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A						
6	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B						
6	PURSUIT	2	SL	0.047	lb ai/a	3	fl oz/a	2-3WAP	B						
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B						
7	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	60 a	87 c	98 a	40 abc	60 a	80 a
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A						
7	EXTREME	2.17	SL	0.81	lb ai/a	3	pt/a	2-3WAP	B						
7	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	2-3WAP	B						
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B						
8	NONTREATED									0 b	0 d	0 b	0 d	0 b	0 c
LSD (P=.05)										2.6	4.5	1.4	5.5	6.5	7.1
Replicate F										0.467	1.909	3.874	0.786	0.060	0.216
Replicate Prob(F)										0.6365	0.1849	0.0458	0.4798	0.9425	0.8091
Treatment F										615.200	465.727	5926.671	68.950	105.062	135.777
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)

Glyphos X-tra and Pursuit Combinations for Weed Management in No-Till Soybean.

Project Code: 07-1-MME30 Location: Belleville Research Center
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Weed Code	SETFA	SETFA	SETFA	SETFA	CHEAL	CHEAL	CHEAL	CHEAL
Crop Code	Control	Control	Control	Control	Control	Control	Control	Control
Rating Data Type	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit	5-16-07	6-16-07	6-23-07	7-7-07	5-16-07	6-16-07	6-23-07	7-7-07
Rating Date	21 DA-A	7 DA-B	14 DA-B	28 DA-B	21 DA-A	7 DA-B	14 DA-B	28 DA-B
Trt-Eval Interval								

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	13 a	99 ab	99 a	98 a	92 a	96 a	98 b	95 a
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	13 a	99 ab	99 a	98 a	92 a	96 a	98 b	95 a
1	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	21EPP	A								
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
2	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	17 a	99 ab	99 a	98 a	98 a	99 a	99 a	98 a
2	PURSUIT	2	SL	0.047	lb ai/a	3	fl oz/a	21EPP	A								
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
2	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
3	EXTREME	2.17	SL	0.81	lb ai/a	3	pt/a	21EPP	A	13 a	99 a	99 a	98 a	98 a	99 a	99 a	95 a
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	21EPP	A								
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
3	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	13 a	98 b	99 a	98 a	89 a	96 a	99 ab	96 a
4	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	21EPP	A								
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
4	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	2-3WAP	B								
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	0 b	98 b	99 a	98 a	0 b	82 b	96 c	94 a
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
5	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	2-3WAP	B								
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
6	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	0 b	99 ab	99 a	98 a	0 b	83 b	97 c	94 a
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
6	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
6	PURSUIT	2	SL	0.047	lb ai/a	3	fl oz/a	2-3WAP	B								
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
7	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	0 b	98 b	99 a	98 a	0 b	80 b	85 d	73 b
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
7	EXTREME	2.17	SL	0.81	lb ai/a	3	pt/a	2-3WAP	B								
7	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	2-3WAP	B								
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
8	NONTREATED									0 b	0 c	0 b	0 b	0 b	0 c	0 e	0 c
LSD (P=.05)										5.9	1.0	0.0	0.8	11.3	8.2	1.0	5.5
Replicate F										4.789	2.882	0.000	0.226	2.333	0.842	1.615	1.998
Replicate Prob(F)										0.0260	0.0895	1.0000	0.8007	0.1335	0.4515	0.2338	0.1724
Treatment F										15.526	11969.237	0.000	19442.453	185.750	150.874	11407.982	344.550
Treatment Prob(F)										0.0001	0.0001	1.0000	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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Weed Code	AMATA	AMATA	AMATA	AMATA	ABUTH	ABUTH	ABUTH	ABUTH
Crop Code								
Rating Data Type	Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	5-16-07	6-16-07	6-23-07	7-7-07	5-16-07	6-16-07	6-23-07	7-7-07
Trt-Eval Interval	21 DA-A	7 DA-B	14 DA-B	28 DA-B	21 DA-A	7 DA-B	14 DA-B	28 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code								
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	33 a	73 abc	91 a	89 a	95 a	99 a	99 a	99 a
1	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	21EPP	A								
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
1	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
2	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	43 a	72 bc	95 a	92 a	98 a	99 a	99 a	98 a
2	PURSUIT	2	SL	0.047	lb ai/a	3	fl oz/a	21EPP	A								
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
2	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
3	EXTREME	2.17	SL	0.81	lb ai/a	3	pt/a	21EPP	A	50 a	67 c	88 a	91 a	97 a	99 a	99 a	98 a
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	21EPP	A								
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
3	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	33 a	75 abc	92 a	88 a	95 a	99 a	99 a	98 a
4	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	21EPP	A								
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
4	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
4	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	2-3WAP	B								
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	0 b	83 ab	96 a	95 a	0 b	63 b	73 b	81 ab
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
5	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
5	PURSUIT	2	SL	0.0313	lb ai/a	2	fl oz/a	2-3WAP	B								
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
6	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	0 b	85 a	96 a	95 a	0 b	57 c	75 b	92 ab
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
6	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	2-3WAP	B								
6	PURSUIT	2	SL	0.047	lb ai/a	3	fl oz/a	2-3WAP	B								
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
7	GLYFOS X-TRA	3	SL	0.75	lb ae/a	32	fl oz/a	21EPP	A	0 b	63 c	80 b	72 b	0 b	50 d	57 c	73 b
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	21EPP	A								
7	EXTREME	2.17	SL	0.81	lb ai/a	3	pt/a	2-3WAP	B								
7	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	2-3WAP	B								
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-3WAP	B								
8	NONTREATED									0 b	0 d	0 c	0 c	0 b	0 e	0 d	0 c
LSD (P=.05)										24.7	13.2	8.2	8.5	4.0	4.9	9.5	21.2
Replicate F										3.090	0.349	2.201	3.465	1.728	1.615	0.429	0.131
Replicate Prob(F)										0.0773	0.7113	0.1475	0.0599	0.2134	0.2338	0.6597	0.8779
Treatment F										7.351	39.157	146.603	133.678	1523.348	491.911	121.486	23.150
Treatment Prob(F)										0.0008	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.
2. Ratings: WC 7, 14, and 21 DA"A"; CI/WC 7, 14, and 28 DA"B".
3. After the final rating, use the appropriate herbicide treatment for the remainder of the season.
4. DA-A and DA-B = Days after 21EPP and 2-3WAP applications, respectively.