

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60 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: 06-27-08

Objectives: Identify any positive or negative interactions when tank-mixing other broadleaf herbicides with glyphosate to achieve consistent and broad-spectrum weed control.

Crop 1: GLXMA Soybean Variety: AG 4404 RR/STS
 Planting Method: SEEDS Planting Date: 06-27-08
 Rate, Unit: 75 LB/A Depth, Unit: 1.0 IN
 Row Spacing, Unit: 30 IN

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

Plot Width, Unit: 10 FT Site Type: FIELD
 Plot Length, Unit: 22 FT Tillage Type: REDUCED-TILL
 Replications: 3 Study Design: Randomized Complete Block

Prior Crops, Year
 1. GLXMA 2007

Field Prep./Maintenance: Soybean: N 0 LB/A, P205 0 LB/A, K20 100 LB/A

% OM: 2 Texture: SILT LOAM
 pH: 6.1 Soil Name: PIERRON
 CEC: 12 Fert. Level: P1 77 LB/A, K 441 LB/A

	Application Description			
	A	B	C	D
Application Date:	07-17-08	07-21-08	07-17-08	
Time of Day:	NA	11:00	9:30	11:00
Application Method:	Spray	Spray	Spray	Spray
Application Timing:	PRE	MPOST	LPOST	4"W
Application Placement:	BROSIOI	BROSIOI	BROSIOI	BROSIOI
Applied By:	DKT	TGM	DKT	
Air Temperature, Unit:	86 F	84 F	86 F	86 F
% Relative Humidity:	50	85	50	
Wind Velocity, Unit:	2 MPH	2 MPH	2 MPH	2 MPH
Soil Temperature, Unit:	88 F	84 F	88 F	88 F
Soil Moisture:	NORMAL	NORMAL	NORMAL	
% Cloud Cover:		20		
	07-17-08	07-21-08	07-17-08	
Crop stage at application:	NA V2	V2	V2	
Height Min, Max (inch):	5 7	6 11	5 7	

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60 Location: Belleville Res. Center

	Pest Stage At Each Application			
Application Date:	07-17-08	07-21-08	07-17-08	07-17-08
Weed Code:	ABUTH	ABUTH	ABUTH	ABUTH
Stage Majority (leaves):	NA	3	4	3
Stage Min, Max:		COTY 5	2	6 COTY 5
Height Majority:		3	IN 9	IN 3 IN
Height Min, Max:		1	5 5	11 1 5
Density, Unit:		1	FT2 1	FT2 1 FT2
Weed Code:	AMBTR	AMBTR	AMBTR	AMBTR
Stage Majority (leaves):	NA	4	6	4
Stage Min, Max:		2	6 4	8 2 6
Height Majority:		5	IN 8	IN 5 IN
Height Min, Max:		2	10 3	12 2 10
Density, Unit:		1	FT2 0.5	FT2 1 FT2
Weed Code:	AMATA	AMATA	AMATA	AMATA
Stage Majority (leaves):	NA	4	8	4
Stage Min, Max:		COTY 10	2	14 COTY 10
Height Majority:		3	IN 8	IN 3 IN
Height Min, Max:		0.5	6 2	12 0.5 6
Density, Unit:		10	FT2 10	FT2 10 FT2
Weed Code:	XANST	XANST	XANST	XANST
Stage Majority (leaves):	NA	2	4	2
Stage Min, Max:		COTY 3	2	6 COTY 3
Height Majority:		4	IN 7	IN 4 IN
Height Min, Max:		1	5 3	9 1 5
Density, Unit:		0.2	FT2 0.2	FT2 0.2 FT2
Weed Code:	IPOSS	IPOSS	IPOSS	IPOSS
Stage Majority (leaves):	NA	3	8	3
Stage Min, Max:		COTY 6	2	10 COTY 6
Height Majority:		4	IN 8	IN 4 IN
Height Min, Max:		1	5 2	10 1 5
Density, Unit:		1	FT2 2	FT2 1 FT2
Weed Code:	SETFA	SETFA	SETFA	SETFA
Stage Majority (leaves):	NA	4	5	4
Stage Min, Max:		2	5 3	7 2 5
Height Majority:		5	IN 8	IN 5 IN
Height Min, Max:		2	7 3	11 2 7
Density, Unit:		1	FT2 1	FT2 1 FT2

Application Equipment

Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer	CO2 sprayer
Operating Pressure:	30 PSI	30 PSI	30 PSI	30 PSI
Nozzle Type:	Flat fan	Flat fan	Flat fan	Flat fan
Nozzle Size:	XR 8002	XR 8002	XR 8002	XR 8002
Boom Length, Unit:	7.5 FT	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA	15 GPA

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60

Location: Belleville Res. Center

Pest Code										GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA						
Crop Code										10-30-08	10-30-08										
Rating Date										Moisture	Yield	Injury	Injury	Injury	Injury						
Rating Data Type										Percent	bu/A	Percent	Percent	Percent	Percent						
Rating Unit												7 DAT	14 DAT	28 DAT	56 DAT						
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	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	12.2	a-d	48	abc	0	k	0	g	0	g	0	b
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
2	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST B	B	11.9	a-d	49	ab	0	k	0	g	0	g	0	b
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
3	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	MPOST B	B	12.0	a-d	47	abc	0	k	0	g	2	fg	0	b
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	11.9	a-d	48	abc	0	k	0	g	0	g	0	b
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST C	C												
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	C												
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST B	B	12.4	a-d	45	abc	0	k	0	g	0	g	0	b
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST C	C												
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	C												
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	12.3	a-d	42	c	28	b	18	a	15	ab	1	a
6	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	MPOST B	B												
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
7	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	12.8	a	45	abc	34	a	22	a	17	a	0	b
7	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	MPOST B	B												
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	12.2	a-d	47	abc	14	ef	7	bcd	0	g	0	b
8	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	MPOST B	B												
8	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	11.8	a-d	48	abc	21	c	11	b	0	g	0	b
9	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	MPOST B	B												
9	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	11.8	bcd	50	ab	4	i	1	fg	0	g	0	b
10	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	MPOST B	B												
10	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	12.2	a-d	46	abc	9	h	4	ef	2	fg	0	b
11	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	MPOST B	B												
11	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
12	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	11.7	cd	45	abc	16	de	9	bcd	4	e	0	b
12	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	MPOST B	B												
12	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
13	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	11.7	bcd	43	bc	11	gh	6	de	0	g	0	b
13	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	MPOST B	B												
13	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
14	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	11.6	d	50	ab	11	gh	6	de	3	ef	0	b
14	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	MPOST B	B												
14	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
15	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	11.8	bcd	51	a	1	jk	0	g	0	g	0	b
15	SYNCHRONY XP	28.4	WG			0.375	oz/a	MPOST B	B												
15	CLASSIC	25	WG	0.00504	lb ai/a			MPOST B	B												
15	HARMONY SG	50	SG	0.00162	lb ai/a			MPOST B	B												
15	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	B												
16	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST C	C	12.6	abc	42	c	0	k	0	g	0	g	0	b
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	C												
17	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST C	C	12.3	a-d	45	abc	0	k	0	g	0	g	0	b
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	C												
18	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	LPOST C	C	12.3	a-d	49	ab	0	k	0	g	0	g	0	b
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	C												

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60 Location: Belleville Res. Center

Pest Code										GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA						
Crop Code										10-30-08	10-30-08										
Rating Date										Moisture	Yield	Injury	Injury	Injury	Injury						
Rating Data Type										Percent	bu/A	Percent	Percent	Percent	Percent						
Rating Unit												7 DAT	14 DAT	28 DAT	56 DAT						
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												
19	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	11.9	a-d	48	abc	28	b	7	cde	7	d	0	b
19	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	LPOST	C												
19	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C												
20	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	11.9	a-d	45	abc	32	a	10	bc	13	b	0	b
20	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	LPOST	C												
20	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C												
21	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	11.9	a-d	48	abc	16	de	2	fg	0	g	0	b
21	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	LPOST	C												
21	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C												
22	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	12.1	a-d	46	abc	18	cd	2	fg	0	g	0	b
22	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	LPOST	C												
22	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C												
23	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	11.7	bcd	47	abc	3	ij	0	g	0	g	0	b
23	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	LPOST	C												
23	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C												
24	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	11.7	bcd	49	abc	12	fgh	0	g	0	g	0	b
24	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	LPOST	C												
24	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C												
25	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	11.5	d	50	ab	13	fg	2	fg	0	g	0	b
25	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	LPOST	C												
25	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C												
26	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	12.0	a-d	46	abc	10	gh	0	g	0	g	0	b
26	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	LPOST	C												
26	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C												
27	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	12.3	a-d	47	abc	17	de	3	efg	9	c	0	b
27	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	LPOST	C												
27	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C												
28	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	12.0	a-d	47	abc	0	k	0	g	2	fg	0	b
28	SYNCHRONY XP	28.4	WG			0.375	oz/a	LPOST	C												
28	CLASSIC	25	WG	0.00504	lb ai/a			LPOST	C												
28	HARMONY SG	50	SG	0.00162	lb ai/a			LPOST	C												
28	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C												
29	SEE COMMENT 6									12.6	ab	42	c	0	k	0	g	0	g	0	b
29	SONIC	70	WG	0.131	lb ai/a	3	oz/a	PRE	A												
29	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	4"W	D												
29	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4"W	D												
30	NONTREATED									12.4	a-d	33	d	0	k	0	g	0	g	0	b
LSD (P=.05)										0.95	7.1	3.0	3.5	2.3	0.5						
Replicate F										2.972	1.027	3.566	0.224	0.022	1.000						
Replicate Prob(F)										0.0590	0.3646	0.0346	0.7997	0.9778	0.3741						
Treatment F										0.930	1.891	100.744	20.880	35.324	1.000						
Treatment Prob(F)										0.5746	0.0197	0.0001	0.0001	0.0001	0.4857						

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

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60 Location: Belleville Res. Center

Pest Code	SETFA	SETFA	SETFA	SETFA	SETFA
Crop Code					
Rating Date					
Rating Data Type	Plants	Control	Control	Control	Plants
Rating Unit	0.5 m2	Percent	Percent	Percent	0.5 m2
Rating Timing	0 DA-B	14 DAT	28 DAT	56 DAT	EOS
Trt-Eval Interval					

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	99 a	0.0 b
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
2	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST	B		99 a	97 bc	99 a	0.0 b
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
3	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	MPOST	B		99 a	98 abc	99 a	0.3 b
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	99 a	0.7 b
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C					
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST	B		99 a	97 bc	99 a	0.0 b
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST	C					
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	99 ab	0.3 b
6	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	MPOST	B					
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
7	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	98 c	0.3 b
7	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	MPOST	B					
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	99 a	0.0 b
8	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	MPOST	B					
8	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	99 ab	99 a	0.0 b
9	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	MPOST	B					
9	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	99 ab	99 a	0.0 b
10	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	MPOST	B					
10	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	99 a	0.0 b
11	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	MPOST	B					
11	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
12	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	99 a	0.7 b
12	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	MPOST	B					
12	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
13	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	98 bc	0.0 b
13	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	MPOST	B					
13	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
14	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	99 a	0.0 b
14	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	MPOST	B					
14	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
15	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	99 a	0.3 b
15	SYNCHRONY XP	28.4	WG			0.375	oz/a	MPOST	B					
15	CLASSIC	25	WG	0.00504	lb ai/a			MPOST	B					
15	HARMONY SG	50	SG	0.00162	lb ai/a			MPOST	B					
15	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B					
16	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	98 abc	99 a	0.0 b
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
17	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST	C		98 b	97 bc	99 a	0.0 b
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
18	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	LPOST	C		99 ab	98 abc	99 a	0.0 b
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60 Location: Belleville Res. Center

Pest Code	SETFA	SETFA	SETFA	SETFA	SETFA
Crop Code					
Rating Date					
Rating Data Type	Plants	Control	Control	Control	Plants
Rating Unit	0.5 m2	Percent	Percent	Percent	0.5 m2
Rating Timing	0 DA-B	14 DAT	28 DAT	56 DAT	EOS
Trt-Eval Interval					

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
19	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	98 abc	99 a	0.3 b
19	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	LPOST	C					
19	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
20	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 ab	98 abc	99 ab	0.7 b
20	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	LPOST	C					
20	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
21	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	99 ab	99 a	0.0 b
21	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	LPOST	C					
21	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
22	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	99 a	99 a	0.3 b
22	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	LPOST	C					
22	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
23	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	98 abc	99 a	0.0 b
23	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	LPOST	C					
23	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
24	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	98 abc	99 a	0.3 b
24	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	LPOST	C					
24	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
25	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98 b	97 c	99 a	0.3 b
25	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	LPOST	C					
25	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
26	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 ab	97 bc	99 ab	1.0 b
26	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	LPOST	C					
26	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
27	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	99 ab	99 a	0.0 b
27	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	LPOST	C					
27	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
28	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	98 abc	99 a	0.3 b
28	SYNCHRONY XP	28.4	WG			0.375	oz/a	LPOST	C					
28	CLASSIC	25	WG	0.00504	lb ai/a			LPOST	C					
28	HARMONY SG	50	SG	0.00162	lb ai/a			LPOST	C					
28	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
29	SEE COMMENT 6										98 b	98 abc	99 a	1.0 b
29	SONIC	70	WG	0.131	lb ai/a	3	oz/a	PRE	A					
29	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	4"W	D					
29	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4"W	D					
30	NONTREATED									13.3	0 c	0 d	0 d	6.7 a
LSD (P=.05)											0.7	1.4	0.5	1.64
Replicate F											1.420	1.384	0.392	2.202
Replicate Prob(F)											0.2501	0.2588	0.6776	0.1198
Treatment F											5951.245	1235.042	8627.450	4.383
Treatment Prob(F)											0.0001	0.0001	0.0001	0.0001

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

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60

Location: Belleville Res. Center

Pest Code									IPOSS	IPOSS	IPOSS	IPOSS	IPOSS
Crop Code													
Rating Date													
Rating Data Type									Plants	Control	Control	Control	Plants
Rating Unit									0.5 m2	Percent	Percent	Percent	0.5 m2
Rating Timing									0 DA-B	14 DAT	28 DAT	56 DAT	EOS
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	77	efg	74	e 86 bcd 4.3 a-d
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
2	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST	B	73	fg	73	e 86 bcd 4.3 a-d
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
3	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	MPOST	B	82	c-f	82	cde 91 a-d 3.7 a-d
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	83	b-f	85	a-e 91 a-d 1.3 bcd
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C				
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C				
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST	B	89	abc	83	b-e 86 bcd 2.0 a-d
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST	C				
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C				
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	77	d-g	73	e 86 bcd 3.7 a-d
6	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	MPOST	B				
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
7	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	87	a-e	84	a-e 91 a-d 2.0 a-d
7	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	MPOST	B				
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	85	a-e	83	b-e 91 a-d 1.7 a-d
8	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	MPOST	B				
8	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	89	abc	87	a-e 94 abc 2.0 a-d
9	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	MPOST	B				
9	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	77	efg	97	a 99 a 0.3 cd
10	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	MPOST	B				
10	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	86	a-e	94	abc 94 abc 1.7 a-d
11	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	MPOST	B				
11	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
12	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	87	a-d	92	a-d 92 a-d 2.0 a-d
12	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	MPOST	B				
12	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
13	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	84	b-e	80	de 92 a-d 1.3 bcd
13	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	MPOST	B				
13	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
14	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	77	efg	92	a-d 96 abc 1.0 bcd
14	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	MPOST	B				
14	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
15	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	77	efg	93	a-d 98 a 2.3 a-d
15	SYNCHRONY XP	28.4	WG			0.375	oz/a	MPOST	B				
15	CLASSIC	25	WG	0.00504	lb ai/a			MPOST	B				
15	HARMONY SG	50	SG	0.00162	lb ai/a			MPOST	B				
15	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B				
16	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	70	g	80	de 86 bcd 5.7 abc
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C				
17	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST	C	85	a-e	90	a-d 90 a-d 6.0 ab
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C				
18	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	LPOST	C	95	a	94	abc 91 a-d 2.7 a-d
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C				

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60 Location: Belleville Res. Center

Pest Code	IPOSS	IPOSS	IPOSS	IPOSS	IPOSS
Crop Code					
Rating Date					
Rating Data Type	Plants	Control	Control	Control	Plants
Rating Unit	0.5 m2	Percent	Percent	Percent	0.5 m2
Rating Timing	0 DA-B	14 DAT	28 DAT	56 DAT	EOS
Trt-Eval Interval					

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
19	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		93 ab	94 abc	94 abc	1.7 a-d	
19	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	LPOST	C						
19	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
20	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		95 a	95 abc	94 abc	0.0 d	
20	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	LPOST	C						
20	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
21	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		85 a-e	84 a-e	86 bcd	1.7 a-d	
21	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	LPOST	C						
21	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
22	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		90 abc	88 a-d	85 cd	3.3 a-d	
22	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	LPOST	C						
22	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
23	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		73 fg	88 a-d	94 abc	2.3 a-d	
23	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	LPOST	C						
23	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
24	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		87 a-e	96 ab	92 a-d	0.3 cd	
24	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	LPOST	C						
24	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
25	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		90 abc	93 a-d	94 abc	2.0 a-d	
25	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	LPOST	C						
25	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
26	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		90 abc	94 abc	97 ab	1.3 bcd	
26	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	LPOST	C						
26	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
27	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		88 a-d	96 ab	95 abc	2.0 a-d	
27	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	LPOST	C						
27	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
28	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		85 a-e	92 a-d	94 abc	5.0 a-d	
28	SYNCHRONY XP	28.4	WG			0.375	oz/a	LPOST	C						
28	CLASSIC	25	WG	0.00504	lb ai/a			LPOST	C						
28	HARMONY SG	50	SG	0.00162	lb ai/a			LPOST	C						
28	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
29	SEE COMMENT 6										83 b-f	82 cde	82 d	7.0 a	
29	SONIC	70	WG	0.131	lb ai/a	3	oz/a	PRE	A						
29	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	4"W	D						
29	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4"W	D						
30	NONTREATED									9.3	0 h	0 f	0 e	3.7 a-d	
LSD (P=.05)											10.4	13.4	11.5	5.36	
Replicate F											0.095	3.805	1.449	1.343	
Replicate Prob(F)											0.9096	0.0280	0.2431	0.2690	
Treatment F											20.420	13.479	17.796	0.830	
Treatment Prob(F)											0.0001	0.0001	0.0001	0.7038	

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

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60 Location: Belleville Res. Center

										ABUTH	ABUTH	ABUTH	ABUTH	ABUTH	AMBTR	AMBTR	AMBTR	AMBTR							
										Plants	Control	Control	Control	Plants	Control	Control	Control	Plants							
										0.5 m2	Percent	Percent	Percent	0.5 m2	Percent	Percent	Percent	0.5 m2							
										0 DA-B	14 DAT	28 DAT	56 DAT	EOS	14 DAT	28 DAT	56 DAT	EOS							
Trt	Treatment	Form	Form	Rate	Rate	Other	Other	Growth	Appl																
No.	Name	Conc	Type	Unit	Unit	Rate	Rate	Stage	Code																
1	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	99	a	96	cde	98	ab	0.3	b	99	a	99	a	0.0	b		
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
2	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST	B	99	a	97	a-d	97	abc	0.0	b	99	a	99	a	0.0	b		
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
3	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	MPOST	B	97	abc	97	bcd	97	abc	0.0	b	99	a	99	a	98	ab	0.0	b
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	97	abc	95	de	99	a	0.3	b	99	ab	96	b	96	bcd	1.3	a
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C																
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST	B	99	a	97	a-d	99	a	0.3	b	99	ab	98	a	97	abc	0.0	b
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST	C																
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	99	a	97	bcd	95	c	0.7	b	99	a	99	a	99	a	0.0	b
6	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	MPOST	B																
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
7	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	98	abc	97	bcd	99	a	1.0	b	99	a	99	a	99	a	0.0	b
7	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	MPOST	B																
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	98	ab	98	abc	99	a	0.7	b	99	a	99	a	99	a	0.0	b
8	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	MPOST	B																
8	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	96	bc	98	abc	99	a	0.3	b	99	a	99	a	99	a	0.0	b
9	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	MPOST	B																
9	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	98	ab	99	a	99	a	0.0	b	99	a	99	a	99	a	0.0	b
10	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	MPOST	B																
10	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	99	a	98	abc	99	a	0.0	b	98	b	98	a	94	d	0.3	b
11	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	MPOST	B																
11	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
12	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	98	ab	98	abc	98	ab	0.0	b	99	a	99	a	99	a	0.3	b
12	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	MPOST	B																
12	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
13	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	97	abc	99	ab	99	a	0.0	b	99	a	99	a	99	a	0.0	b
13	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	MPOST	B																
13	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
14	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	99	a	99	a	99	a	0.0	b	99	a	99	a	99	a	0.0	b
14	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	MPOST	B																
14	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
15	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B	99	a	99	ab	99	a	0.0	b	99	a	99	a	98	ab	0.0	b
15	SYNCHRONY XP	28.4	WG			0.375	oz/a	MPOST	B																
15	CLASSIC	25	WG	0.00504	lb ai/a			MPOST	B																
15	HARMONY SG	50	SG	0.00162	lb ai/a			MPOST	B																
15	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B																
16	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	99	a	98	abc	99	a	0.0	b	98	b	96	b	95	cd	1.3	a
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																
17	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST	C	99	a	97	a-d	98	ab	0.0	b	99	a	99	a	99	a	0.0	b
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																
18	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	LPOST	C	99	a	98	abc	99	a	0.7	b	99	a	99	a	99	a	0.0	b
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60 Location: Belleville Res. Center

Pest Code		ABUTH ABUTH ABUTH ABUTH ABUTH AMBTR AMBTR AMBTR AMBTR																									
Crop Code																											
Rating Date																											
Rating Data Type		Plants Control Control Control Control Plants Control Control Control Plants																									
Rating Unit		0.5 m2 Percent Percent Percent Percent 0.5 m2 Percent Percent Percent 0.5 m2																									
Rating Timing		0 DA-B 14 DAT 28 DAT 56 DAT EOS 14 DAT 28 DAT 56 DAT EOS																									
Trt-Eval Interval																											
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code																		
19	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		96	bc	97	a-d	98	ab	0.7	b	99	a	99	a	99	a	0.0	b	
19	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	LPOST	C																		
19	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																		
20	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98	ab	97	bcd	99	a	0.0	b	99	a	99	a	99	a	0.3	b	
20	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	LPOST	C																		
20	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																		
21	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		97	abc	94	e	96	bc	0.0	b	99	a	99	a	99	a	0.0	b	
21	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	LPOST	C																		
21	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																		
22	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		97	abc	98	abc	99	a	0.0	b	99	a	99	a	99	a	0.0	b	
22	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	LPOST	C																		
22	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																		
23	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		95	c	97	a-d	99	a	1.0	b	99	a	99	a	99	a	0.0	b	
23	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	LPOST	C																		
23	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																		
24	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99	a	97	a-d	99	a	0.3	b	99	a	99	a	99	a	0.0	b	
24	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	LPOST	C																		
24	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																		
25	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98	ab	98	abc	99	a	0.0	b	99	a	99	a	99	a	0.0	b	
25	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	LPOST	C																		
25	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																		
26	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98	ab	97	a-d	99	a	0.3	b	99	a	99	a	99	a	0.0	b	
26	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	LPOST	C																		
26	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																		
27	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99	a	98	abc	99	a	0.0	b	99	a	99	a	99	a	0.0	b	
27	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	LPOST	C																		
27	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																		
28	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99	a	98	abc	99	a	0.3	b	99	a	99	a	99	a	0.0	b	
28	SYNCHRONY XP	28.4	WG			0.375	oz/a	LPOST	C																		
28	CLASSIC	25	WG	0.00504	lb ai/a			LPOST	C																		
28	HARMONY SG	50	SG	0.00162	lb ai/a			LPOST	C																		
28	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C																		
29	SEE COMMENT 6										98	ab	98	abc	99	a	0.3	b	99	a	99	a	99	a	0.0	b	
29	SONIC	70	WG	0.131	lb ai/a	3	oz/a	PRE	A																		
29	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	4"W	D																		
29	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4"W	D																		
30	NONTREATED										7.7	0	d	0	f	0	d	6.3	a	0	c	0	c	0	e	0.0	b
LSD (P=.05)												2.6	2.2	2.4	1.19	0.5	1.8	2.7	0.64								
Replicate F												3.385	8.875	8.105	3.384	3.955	1.420	5.093	0.926								
Replicate Prob(F)												0.0407	0.0004	0.0008	0.0407	0.0245	0.2501	0.0092	0.4018								
Treatment F												373.612	538.099	439.979	7.451	9677.126	849.063	363.814	2.283								
Treatment Prob(F)												0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0038								

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

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60

Location: Belleville Res. Center

Pest Code		AMATA AMATA AMATA AMATA AMATA										
Crop Code												
Rating Date												
Rating Data Type		Plants Control Control Control Plants										
Rating Unit		0.5 m2 Percent Percent Percent 0.5 m2										
Rating Timing		0 DA-B 14 DAT 28 DAT 56 DAT EOS										
Trt-Eval Interval												
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Stage	Appl Code					
1	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	99 a	97 ab	98 a-d	0.3 de	
1	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
2	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a	MPOST	B	98 a	95 a-d	96 a-e	0.3 de	
2	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
3	ROUNDUP P-MAX	4.5	SL	1.55 lb ae/a	44 fl oz/a	MPOST	B	99 a	98 ab	99 ab	0.0 e	
3	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
4	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	99 a	98 ab	98 abc	1.0 cde	
4	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
4	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	LPOST	C					
4	N-PAK AMS	100	SL	5 % v/v	5 % v/v	LPOST	C					
5	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a	MPOST	B	99 a	98 ab	98 abc	0.0 e	
5	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
5	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a	LPOST	C					
5	N-PAK AMS	100	SL	5 % v/v	5 % v/v	LPOST	C					
6	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	99 a	98 ab	98 a-d	0.3 de	
6	COBRA	2	EC	0.094 lb ai/a	6 fl oz/a	MPOST	B					
6	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
7	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	98 a	97 ab	98 a-d	0.0 e	
7	COBRA	2	EC	0.188 lb ai/a	12 fl oz/a	MPOST	B					
7	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
8	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	96 abc	93 a-e	97 a-d	0.3 de	
8	FLEXSTAR	1.88	EC	0.147 lb ai/a	10 fl oz/a	MPOST	B					
8	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
9	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	98 abc	96 ab	98 a-d	0.0 e	
9	FLEXSTAR	1.88	EC	0.294 lb ai/a	20 fl oz/a	MPOST	B					
9	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
10	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	99 a	96 ab	98 a-d	0.0 e	
10	FIRSTRATE	84	WG	0.0158 lb ai/a	0.3 oz/a	MPOST	B					
10	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
11	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	98 abc	92 a-e	95 b-e	1.0 cde	
11	RESOURCE	0.86	EC	0.027 lb ai/a	4 fl oz/a	MPOST	B					
11	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
12	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	99 a	96 ab	97 a-d	0.0 e	
12	RESOURCE	0.86	EC	0.054 lb ai/a	8 fl oz/a	MPOST	B					
12	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
13	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	95 c	80 f	93 e	2.3 abc	
13	CADET	0.91	EC	0.00284 lb ai/a	0.4 fl oz/a	MPOST	B					
13	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
14	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	98 abc	95 a-d	95 a-e	1.7 b-e	
14	PURSUIT	2	SL	0.0625 lb ai/a	4 fl oz/a	MPOST	B					
14	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
15	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	MPOST	B	99 a	98 ab	97 a-d	1.0 cde	
15	SYNCHRONY XP	28.4	WG		0.375 oz/a	MPOST	B					
15	CLASSIC	25	WG	0.00504 lb ai/a		MPOST	B					
15	HARMONY SG	50	SG	0.00162 lb ai/a		MPOST	B					
15	N-PAK AMS	100	SL	5 % v/v	5 % v/v	MPOST	B					
16	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a	LPOST	C	98 a	88 e	95 a-e	0.7 cde	
16	N-PAK AMS	100	SL	5 % v/v	5 % v/v	LPOST	C					
17	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a	LPOST	C	98 abc	94 a-e	96 a-e	0.7 cde	
17	N-PAK AMS	100	SL	5 % v/v	5 % v/v	LPOST	C					
18	ROUNDUP P-MAX	4.5	SL	1.55 lb ae/a	44 fl oz/a	LPOST	C	99 a	97 ab	99 a	0.0 e	
18	N-PAK AMS	100	SL	5 % v/v	5 % v/v	LPOST	C					

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60 Location: Belleville Res. Center

Pest Code		AMATA AMATA AMATA AMATA AMATA												
Crop Code														
Rating Date														
Rating Data Type		Plants Control Control Control Plants												
Rating Unit		0.5 m2 Percent Percent Percent 0.5 m2												
Rating Timing		0 DA-B 14 DAT 28 DAT 56 DAT EOS												
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
19	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98 abc	93 a-e	94 de	1.0 cde
19	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	LPOST	C					
19	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
20	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	97 ab	98 a-d	0.3 de
20	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	LPOST	C					
20	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
21	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	97 ab	98 a-d	0.3 de
21	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	LPOST	C					
21	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
22	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	98 ab	98 a-d	0.0 e
22	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	LPOST	C					
22	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
23	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		95 bc	97 ab	99 a	0.0 e
23	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	LPOST	C					
23	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
24	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	96 abc	98 a-d	0.3 de
24	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	LPOST	C					
24	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
25	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98 ab	88 de	95 cde	3.0 ab
25	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	LPOST	C					
25	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
26	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	89 cde	97 a-d	0.0 e
26	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	LPOST	C					
26	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
27	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		97 abc	93 a-e	96 a-e	0.7 cde
27	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	LPOST	C					
27	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
28	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98 abc	91 b-e	98 abc	2.0 bcd
28	SYNCHRONY XP	28.4	WG			0.375	oz/a	LPOST	C					
28	CLASSIC	25	WG	0.00504	lb ai/a			LPOST	C					
28	HARMONY SG	50	SG	0.00162	lb ai/a			LPOST	C					
28	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C					
29	SEE COMMENT 6										98 abc	98 a	98 a-d	0.0 e
29	SONIC	70	WG	0.131	lb ai/a	3	oz/a	PRE	A					
29	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	4"W	D					
29	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4"W	D					
30	NONTREATED										7.3	0 d	0 g	0 f 4.0 a
LSD (P=.05)											2.9	7.0	3.9	1.99
Replicate F											7.591	4.894	5.553	0.728
Replicate Prob(F)											0.0012	0.0109	0.0062	0.4871
Treatment F											300.505	51.629	162.357	1.968
Treatment Prob(F)											0.0001	0.0001	0.0001	0.0142

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

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60

Location: Belleville Res. Center

Pest Code										XANST	XANST	XANST	XANST	XANST	AMBTR
Crop Code										Plants	Control	Control	Control	Plants	Plants
Rating Date										0.5 m2	Percent	Percent	Percent	0.5 m2	0.5 m2
Rating Data Type										0 DA-B	14 DAT	28 DAT	56 DAT	EOS	0 DA-B
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	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 ab	98 ab	0.3	ab
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
2	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST	B		99 a	98 ab	97 ab	0.0	b
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
3	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	MPOST	B		99 a	98 ab	99 a	0.3	ab
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	98 ab	0.7	ab
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C						
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST	B		99 a	99 a	98 ab	0.0	b
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST	C						
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	99 a	98 ab	0.0	b
6	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	MPOST	B						
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
7	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	99 a	99 a	0.0	b
7	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	MPOST	B						
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	97 abc	98 ab	0.0	b
8	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	MPOST	B						
8	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		98 ab	98 abc	97 ab	0.0	b
9	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	MPOST	B						
9	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	99 a	99 a	0.0	b
10	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	MPOST	B						
10	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 ab	98 ab	0.0	b
11	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	MPOST	B						
11	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
12	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 abc	96 ab	0.0	b
12	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	MPOST	B						
12	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
13	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	99 a	99 a	0.0	b
13	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	MPOST	B						
13	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
14	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	99 ab	97 ab	0.3	ab
14	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	MPOST	B						
14	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
15	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B		99 a	98 ab	99 a	0.0	b
15	SYNCHRONY XP	28.4	WG			0.375	oz/a	MPOST	B						
15	CLASSIC	25	WG	0.00504	lb ai/a			MPOST	B						
15	HARMONY SG	50	SG	0.00162	lb ai/a			MPOST	B						
15	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B						
16	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		96 abc	96 a-d	98 ab	1.0	ab
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
17	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST	C		93 c	91 d	96 ab	1.3	a
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
18	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	LPOST	C		99 a	99 ab	99 a	0.0	b
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60 Location: Belleville Res. Center

Pest Code	XANST	XANST	XANST	XANST	XANST	AMBTR
Crop Code						
Rating Date						
Rating Data Type	Plants	Control	Control	Control	Plants	Plants
Rating Unit	0.5 m2	Percent	Percent	Percent	0.5 m2	0.5 m2
Rating Timing	0 DA-B	14 DAT	28 DAT	56 DAT	EOS	0 DA-B
Trt-Eval Interval						

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
19	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		94 bc	92 d	95 b	0.7	ab
19	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	LPOST	C						
19	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
20	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98 ab	96 a-d	98 ab	0.3	ab
20	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	LPOST	C						
20	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
21	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	99 ab	99 a	0.0	b
21	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	LPOST	C						
21	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
22	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98 ab	98 abc	98 ab	1.0	ab
22	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	LPOST	C						
22	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
23	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	96 a-d	98 ab	0.0	b
23	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	LPOST	C						
23	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
24	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98 ab	93 cd	97 ab	0.3	ab
24	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	LPOST	C						
24	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
25	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98 ab	94 bcd	96 ab	0.3	ab
25	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	LPOST	C						
25	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
26	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		98 ab	95 a-d	98 ab	0.7	ab
26	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	LPOST	C						
26	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
27	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	99 a	99 a	0.0	b
27	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	LPOST	C						
27	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
28	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C		99 a	99 a	99 a	0.0	b
28	SYNCHRONY XP	28.4	WG			0.375	oz/a	LPOST	C						
28	CLASSIC	25	WG	0.00504	lb ai/a			LPOST	C						
28	HARMONY SG	50	SG	0.00162	lb ai/a			LPOST	C						
28	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C						
29	SEE COMMENT 6										98 ab	99 a	98 ab	0.3	ab
29	SONIC	70	WG	0.131	lb ai/a	3	oz/a	PRE	A						
29	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	4"W	D						
29	N-PAK AMS	100	SL	5	% v/v	5	% v/v	4"W	D						
30	NONTREATED									0.2	0 d	0 e	0 c	0.3	ab
LSD (P=.05)											4.3	5.0	3.5	1.02	
Replicate F											0.331	0.288	0.599	1.616	
Replicate Prob(F)											0.7194	0.7508	0.5527	0.2075	
Treatment F											139.474	102.106	205.728	1.021	
Treatment Prob(F)											0.0001	0.0001	0.0001	0.4607	

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

Trial Comments

1. Protocol: SIU/UIUC/WIU/ISA.
2. Ratings: Visual crop response estimates at 7, 14, and 28 DAT.
 Visual estimates of control, by species, at 14 and 28 DAT (rate all plots at 28 days after the LPOST timing); late-season rating of all plots at 56 DAT or at crop harvest.
 Evaluate the PRE/POST treatment prior to the POST application and again based on DAT from the respective POST timing in that treatment.

Cooperative POST Soybean Glyphosate Tank-Mix - Site 1.

Trial ID: 08-10A-S60

Location: Belleville Res. Center

3. MPOST = 3-5"W; LPOST = 6-10"W.
4. Take weed counts in nontreated at the "B" application timing (No./0.5 m²).
5. Yield.
6. 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 PRE application in treatment 29 was not applied.
7. DAT = Days after either MPOST or LPOST application. DA-B = Days after the MPOST application. 0.5 m² = 0.5 square meter.
EOS = End of season.
Ratings at 0 DA-B were on 7-17-08.
Ratings at 7 days after the MPOST and LPOST application were on 7-24-08 and 7-28-08, respectively.
Ratings at 14 days after the MPOST and LPOST application were on 7-31-08 and 8-4-08, respectively.
Ratings at 28 days after the MPOST and LPOST application were on 8-14-08 and 8-18-08, respectively.
Ratings at 56 days after the MPOST and LPOST application were on 9-11-08 and 9-15-08, respectively.
End of season counts were on 10-2-08.
8. IPOSS = Morningglory species including IPOHE and IPOLA.
9. Harvested 10-30-08, (2) 30 inch rows by 19 ft.