

Cooperative POST Soybean Glyphosate Tank-Mix - Site 2.

Trial ID: 08-51W-S150 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: 06-18-08

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: SEEDED Planting Date: 06-18-08
 Rate, Unit: 75 LB/A Depth, Unit: 1.0 IN
 Row Spacing, Unit: 30 IN

Pest 1 Type: W Code: PANDI Panicum dichotomiflorum Michx. panicum, fall
 Pest 2 Type: W Code: CYPES Cyperus esculentus L. nutsedge, yellow
 Pest 3 Type: W Code: AMBTR Ambrosia trifida L. ragweed, giant
 Pest 4 Type: W Code: AMATA Amaranthus rudis Sauer waterhemp, common
 Pest 5 Type: W Code: IPOSS Ipomoea sp. morningglory, species

Plot Width, Unit: 10 FT Site Type: FIELD
 Plot Length, Unit: 27 FT Tillage Type: REDUCED-TILL
 Replications: 3 Study Design: Randomized Complete Block

Prior Crops, Year
 1. ZEAMD 2007

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

% OM: 2.2 Texture: SILT LOAM
 pH: 6.5 Soil Name: PIERRON
 CEC: 11 Fert. Level: P1: 94 LB/A, K: 396 LB/A

Application Description

	A	B	C	D
Application Date:	06-18-08	07-07-08	07-14-08	07-09-08
Time of Day:	15:30	13:00	9:00	14:00
Application Method:	Spray	Spray	Spray	Spray
Application Timing:	PRE	MPOST	LPOST	4"W
Application Placement:	BROSIOI	BROSIOI	BROSIOI	BROSIOI
Applied By:	TGM	NRJ	TGM	TGM
Air Temperature, Unit:	82 F	86 F	82 F	74 F
% Relative Humidity:	38	92	75	92
Wind Velocity, Unit:	2 MPH	2 MPH	1 MPH	1 MPH
Soil Temperature, Unit:	89 F	85 F	85 F	70 F
Soil Moisture:	NORMAL	NORMAL	ABONOR	ABONOR
% Cloud Cover:	25	50	0	0
Crop stage at application:	06-18-08 NA	07-07-08 NA	07-14-08 V1	07-09-08 V2-V3
Height Min, Max (inch):			4 6	8 10

Pest Stage At Each Application

	06-18-08	07-07-08	07-09-08	07-14-08
Application Date:	06-18-08	07-07-08	07-09-08	07-14-08
Weed Code:	PANDI	PANDI	PANDI	PANDI
Stage Majority (leaves):	NA	4	5	6
Stage Min, Max:		2 6	2 7	3 10
Height Majority:		2 IN	4 IN	10 IN
Height Min, Max:		1 3	2 5	3 14
Density, Unit:		2 FT2	2 FT2	2 FT2
Weed Code:	CYPES	CYPES	CYPES	CYPES
Stage Majority (leaves):	NA	NA	7	6
Stage Min, Max:			3 11	3 9
Height Majority:			8 IN	4 IN
Height Min, Max:			3 14	3 8
Density, Unit:			0.5 FT2	0.5 FT2
Weed Code:	AMBTR	AMBTR	AMBTR	AMBTR
Stage Majority (leaves):	NA	4	6	6
Stage Min, Max:		2 6	4 8	2 6
Height Majority:		3 IN	10 IN	4 IN
Height Min, Max:		1 4	4 14	2 7
Density, Unit:		2 FT2	2 FT2	2 FT2
Weed Code:	AMATA	AMATA	AMATA	AMATA
Stage Majority (leaves):	NA	4	8	6
Stage Min, Max:		COTY 6	2 12	COTY 8
Height Majority:		1 IN	6 IN	2 IN
Height Min, Max:		1 2	1 12	1 3
Density, Unit:		3 FT2	3 FT2	3 FT2
Weed Code:	IPOSS	IPOSS	IPOSS	IPOSS
Stage Majority (leaves):	NA	2	3	3
Stage Min, Max:		COTY 5	COTY 10	COTY 6
Height Majority:		2 IN	5 IN	3 IN
Height Min, Max:		1 3	1 8	1 5
Density, Unit:		1 FT2	1 FT2	1 FT2

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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

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Trial ID: 08-51W-S150

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 DA-C						
Rating Timing																					
Trt-Eval Interval																					
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code												
1	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	B	12.0	a	34	hi	0	m	0	g	0	a	0	a
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	12.0	a	33	i	0	m	0	g	0	a	0	a
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	11.9	abc	39	d-i	0	m	0	g	0	a	0	a
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	12.0	ab	46	a-d	0	m	0	g	0	a	0	a
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	12.0	a	48	ab	0	m	0	g	0	a	0	a
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	12.0	ab	36	ghi	34	bc	22	a	0	a	0	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	11.7	abc	39	e-i	38	a	23	a	0	a	0	a
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	11.8	abc	47	abc	6	k	3	efg	0	a	0	a
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	11.7	abc	50	a	16	ef	6	cde	0	a	0	a
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	abc	40	c-i	0	m	0	g	0	a	0	a
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	11.6	c	35	ghi	13	fgh	8	bc	0	a	0	a
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	11.9	abc	37	ghi	11	ij	3	def	0	a	0	a
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	11.8	abc	41	b-h	7	k	4	def	0	a	0	a
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	11.9	abc	42	b-g	3	l	1	fg	0	a	0	a
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	11.9	abc	33	i	1	lm	0	g	0	a	0	a
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	11.8	abc	46	a-e	0	m	0	g	0	a	0	a
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	11.9	abc	47	abc	0	m	0	g	0	a	0	a
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	11.7	abc	45	a-f	0	m	0	g	0	a	0	a
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	C												

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Pest Code										GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA							
Crop Code										10-30-08	10-30-08				09-08-08							
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 DA-C							
Rating Timing																						
Trt-Eval Interval																						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code													
19	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C	11.6	c	45	a-f	32	c	10	b	0	a	0	a	
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	11.6	c	42	b-g	35	b	6	cd	0	a	0	a	
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	11.7	abc	47	abc	18	e	4	de	0	a	0	a	
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	11.8	abc	50	a	25	d	6	cde	0	a	0	a	
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	11.6	bc	47	abc	0	m	0	g	0	a	0	a	
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	11.9	abc	46	a-e	12	hij	0	g	0	a	0	a	
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	11.7	abc	39	f-i	15	fg	3	def	0	a	0	a	
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	11.8	abc	41	b-h	13	ghi	1	fg	0	a	0	a	
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	11.7	abc	47	abc	10	j	1	fg	0	a	0	a	
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	11.8	abc	46	a-f	0	m	0	g	0	a	0	a	
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	SONIC	70	WG	0.131	lb ai/a	3	oz/a	PRE	A	11.8	abc	46	a-d	3	l	0	g	0	a	0	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									11.9	abc	15	j	0	m	0	g	0	a	0	a	
LSD (P=.05)										0.38		7.5		2.4		3.0		0.0		0.0		
Replicate F										1.573		13.021		1.840		1.793		0.000		0.000		
Replicate Prob(F)										0.2161		0.0001		0.1679		0.1756		1.0000		1.0000		
Treatment F										1.009		7.310		198.660		29.785		0.000		0.000		
Treatment Prob(F)										0.4746		0.0001		0.0001		0.0001		1.0000		1.0000		

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

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Trial ID: 08-51W-S150

Location: Belleville Res. Center

Pest Code				PANDI	PANDI	PANDI	PANDI	PANDI	PANDI
Crop Code								09-08-08	10-02-08
Rating Date								Control	Plants
Rating Data Type				Plants	Control	Control	Control	Percent	0.5 m2
Rating Unit				0.5 m2	Percent	Percent	Percent	56 DA-C	EOS
Rating Timing				0 DA-B	0 DA-B	14 DAT	28 DAT		
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	
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	99 a 99 a 99 a 1.0 bcd
2	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST B	
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	99 a 98 abc 99 a 0.0 d
3	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	MPOST B	
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	99 a 98 a-d 98 a 1.7 bcd
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST B	
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	99 a 99 a 99 a 0.0 d
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	
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	99 a 99 a 99 a 0.0 d
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	
6	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	MPOST B	99 a 98 abc 97 ab 3.0 ab
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	
7	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	MPOST B	99 a 97 d 95 c 2.3 abc
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	
8	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	MPOST B	99 a 97 cd 98 a 0.7 cd
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	
9	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	MPOST B	99 a 99 a 99 a 0.7 cd
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	
10	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	MPOST B	99 a 99 ab 99 a 0.0 d
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	
11	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	MPOST B	99 a 97 cd 96 bc 0.7 cd
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	
12	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	MPOST B	98 b 99 a 99 a 0.3 cd
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	
13	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	MPOST B	99 a 97 bcd 98 ab 1.7 bcd
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	
14	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	MPOST B	99 a 98 abc 99 a 0.0 d
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	
15	SYNCHRONY XP	28.4	WG			0.375	oz/a	MPOST B	99 a 99 a 97 ab 0.7 cd
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	
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	99 a 99 a 99 a 0.0 d
17	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST C	
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	99 a 99 a 99 a 0.7 cd
18	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	LPOST C	
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	99 a 99 a 99 a 0.3 cd

Cooperative POST Soybean Glyphosate Tank-Mix - Site 2.

Trial ID: 08-51W-S150 Location: Belleville Res. Center

									PANDI	PANDI	PANDI	PANDI	PANDI	PANDI	
													09-08-08	10-02-08	
									Plants	Control	Control	Control	Control	Plants	
									0.5 m2	Percent	Percent	Percent	Percent	0.5 m2	
									0 DA-B	0 DA-B	14 DAT	28 DAT	56 DA-C	EOS	
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						
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						
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						
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						
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						
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						
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						
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						
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						
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						
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	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														
LSD (P=.05)										0.5		0 c	0 e	0 d	4.0 a
Replicate F												1.000	4.598	1.843	0.112
Replicate Prob(F)												0.3741	0.0140	0.1675	0.8945
Treatment F												22043.010	1152.494	811.985	1.554
Treatment Prob(F)												0.0001	0.0001	0.0001	0.0767

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

Cooperative POST Soybean Glyphosate Tank-Mix - Site 2.

Trial ID: 08-51W-S150

Location: Belleville Res. Center

Pest Code				CYPES	CYPES	CYPES	CYPES	CYPES	CYPES
Crop Code									
Rating Date								09-08-08	10-02-08
Rating Data Type				Plants	Control	Control	Control	Control	Plants
Rating Unit				0.5 m2	Percent	Percent	Percent	Percent	0.5 m2
Rating Timing				0 DA-B	0 DA-B	14 DAT	28 DAT	56 DA-C	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	
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	
									91 a-d 89 c-f 99 a 0.0 b
2	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST B	
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	
									93 ab 93 a-e 99 a 0.3 b
3	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	MPOST B	
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST B	
									91 abc 91 b-f 99 a 1.3 b
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									92 abc 97 ab 99 a 0.0 b
5	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST 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	
									93 ab 98 a 99 a 0.0 b
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									89 a-e 78 gh 98 b 0.0 b
7	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									94 a 89 c-f 99 a 0.0 b
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									95 a 85 fg 99 a 0.0 b
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									94 ab 91 a-f 99 ab 0.0 b
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									92 abc 95 a-d 99 a 0.0 b
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									89 a-f 92 a-f 99 a 0.0 b
12	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									91 a-d 91 b-f 99 a 0.0 b
13	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									85 b-g 91 b-f 99 a 0.0 b
14	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									89 a-e 93 a-e 99 a 0.0 b
15	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST 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	
									94 ab 94 a-d 99 a 0.0 b
16	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST C	
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	
									72 ij 77 h 99 a 0.3 b
17	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST C	
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	
									80 f-i 96 abc 99 a 0.0 b
18	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	LPOST C	
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST C	
									83 c-h 98 a 99 a 0.0 b

Cooperative POST Soybean Glyphosate Tank-Mix - Site 2.

Trial ID: 08-51W-S150 Location: Belleville Res. Center

									CYPES	CYPES	CYPES	CYPES	CYPES	CYPES							
									Plants	Control	Control	Control	Control	Control							
									0.5 m2	Percent	Percent	Percent	Percent	Percent							
									0 DA-B	0 DA-B	14 DAT	28 DAT	56 DA-C	10-02-08							
														Plants							
														0.5 m2							
														EOS							
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			81	e-i	96	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			81	e-i	94	a-e						
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			77	ghi	96	abc						
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			77	ghi	87	ef						
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			75	hij	95	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			75	hij	94	a-d						
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			82	d-h	96	abc						
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			67	j	92	a-f						
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			77	ghi	88	def						
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			78	ghi	96	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	SONIC	70	WG	0.131	lb ai/a	3	oz/a	PRE	A			80	94	ab	98	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									6.7				0	k	0	i	0	c	4.0	a
LSD (P=.05)												9.1		7.4		0.4		1.34			
Replicate F												28.656		9.772		0.592		1.840			
Replicate Prob(F)												0.0001		0.0002		0.5566		0.1679			
Treatment F												29.803		45.114		17390.613		2.612			
Treatment Prob(F)												0.0001		0.0001		0.0001		0.0009			

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

Cooperative POST Soybean Glyphosate Tank-Mix - Site 2.

Trial ID: 08-51W-S150 Location: Belleville Res. Center

Pest Code		AMBTR													
Crop Code		AMBTR													
Rating Date		AMBTR						09-08-08 10-02-08							
Rating Data Type		AMBTR						Plants Control Control Control Control Plants							
Rating Unit		AMBTR						0.5 m2 0 DA-B 0 DA-B 14 DAT 28 DAT 56 DA-C 0.5 m2							
Rating Timing		AMBTR						EOS							
Trt-Eval Interval		AMBTR													
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						
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B		93 e	70 h	73 kl	4.3	bcd
2	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST	B						
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B		95 a-e	77 gh	70 l	5.7	b
3	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	MPOST	B						
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B		96 a-e	78 fgh	76 jkl	3.7	b-f
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B						
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B		98 ab	97 a	92 a-e	2.3	c-g
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						
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B		98 abc	98 a	96 abc	0.7	fg
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						
6	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	MPOST	B		95 a-e	83 d-g	80 h-l	4.0	b-e
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						
7	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	MPOST	B		97 a-e	89 a-f	89 a-h	0.7	fg
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						
8	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	MPOST	B		98 ab	92 a-e	95 a-d	0.3	g
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						
9	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	MPOST	B		99 a	99 a	99 a	0.0	g
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						
10	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	MPOST	B		98 a-d	95 abc	91 a-g	1.3	d-g
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						
11	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	MPOST	B		94 cde	78 fgh	78 i-l	5.0	bc
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						
12	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	MPOST	B		92 e	82 e-h	78 i-l	2.7	b-g
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						
13	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	MPOST	B		95 a-e	83 c-g	84 e-j	1.3	d-g
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						
14	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	MPOST	B		93 de	92 a-e	93 a-e	1.7	d-g
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						
15	SYNCHRONY XP	28.4	WG			0.375	oz/a	MPOST	B		93 e	88 a-g	82 f-k	5.7	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						
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C		77 ij	93 a-e	94 a-e	1.7	d-g
17	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST	C						
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C		86 fg	96 ab	93 a-e	1.3	d-g
18	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	LPOST	C						
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C		88 f	97 a	95 abc	2.3	c-g

Cooperative POST Soybean Glyphosate Tank-Mix - Site 2.

Trial ID: 08-51W-S150 Location: Belleville Res. Center

Pest Code		AMBTR													
Crop Code		AMBTR													
Rating Date		AMBTR													
Rating Data Type		AMBTR													
Rating Unit		AMBTR													
Rating Timing		AMBTR													
Trt-Eval Interval		AMBTR													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	Plants 0.5 m2 0 DA-B	Control Percent 0 DA-B	Control Percent 14 DAT	Control Percent 28 DAT	Control Percent 56 DA-C	Plants 0.5 m2 EOS
19	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C			80 hi	94 a-d	88 b-i	1.0 efg
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			86 fg	85 b-g	87 c-i	4.3 bcd
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			86 fg	95 ab	92 a-f	1.3 d-g
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			94 b-e	98 a	98 ab	0.0 g
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			72 k	94 a-d	96 abc	1.0 efg
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			73 jk	78 fgh	81 g-k	2.3 c-g
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			75 jk	80 fgh	89 a-i	4.3 bcd
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			61 l	80 fgh	84 d-j	3.7 b-f
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			82 gh	94 a-d	93 a-e	0.3 g
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			76 ijk	94 a-d	94 a-e	0.0 g
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	SONIC	70	WG	0.131	lb ai/a	3	oz/a	PRE	A		78	98 a-d	96 ab	93 a-e	0.7 fg
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									8.8		0 m	0 i	0 m	13.3 a
LSD (P=.05)												4.7	11.9	10.6	3.11
Replicate F												0.550	1.247	5.985	4.040
Replicate Prob(F)												0.5800	0.2949	0.0043	0.0228
Treatment F												132.407	18.547	22.852	5.948
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 2.

Trial ID: 08-51W-S150

Location: Belleville Res. Center

Pest Code										IPOSS	IPOSS	IPOSS	IPOSS	IPOSS	IPOSS				
Crop Code																			
Rating Date														09-08-08	10-02-08				
Rating Data Type										Plants	Control	Control	Control	Control	Plants				
Rating Unit										0.5 m2	Percent	Percent	Percent	Percent	0.5 m2				
Rating Timing										0 DA-B	0 DA-B	14 DAT	28 DAT	56 DA-C	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	i	87	def	78	i	1.7	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			79	hi	88	c-f	88	e-h	0.7	ab
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			90	b-f	92	a-f	87	gh	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			90	a-f	95	a-e	98	ab	0.0	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			96	abc	97	abc	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			88	c-g	86	f	87	gh	2.7	a
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			93	a-e	92	a-f	90	c-h	0.7	ab
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			91	a-f	91	a-f	90	c-h	1.7	ab
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	a	95	a-d	99	a	0.3	ab
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			97	ab	94	a-f	98	abc	1.0	ab
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			94	a-d	93	a-f	85	ghi	1.0	ab
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			89	b-g	93	a-f	87	fgh	1.0	ab
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	ab	95	a-d	88	d-h	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			84	f-i	86	ef	91	a-h	2.7	a
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			82	ghi	90	b-f	83	hi	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			82	ghi	90	b-f	97	abc	2.3	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			83	f-i	92	a-f	98	abc	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			94	a-d	93	a-f	96	a-d	1.3	ab
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C										

Cooperative POST Soybean Glyphosate Tank-Mix - Site 2.

Trial ID: 08-51W-S150 Location: Belleville Res. Center

Pest Code	IPOSS	IPOSS	IPOSS	IPOSS	IPOSS	IPOSS
Crop Code						
Rating Date					09-08-08	10-02-08
Rating Data Type	Plants	Control	Control	Control	Control	Plants
Rating Unit	0.5 m2	Percent	Percent	Percent	Percent	0.5 m2
Rating Timing	0 DA-B	0 DA-B	14 DAT	28 DAT	56 DA-C	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			88 d-g	92 a-f	91 b-h	0.3 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			84 f-i	90 b-f	98 abc	1.7 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			89 b-g	90 b-f	96 a-e	1.0 ab	
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			96 a-d	97 abc	98 abc	0.7 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			83 f-i	98 ab	99 a	0.3 ab	
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			88 c-g	92 a-f	92 a-g	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			88 c-g	90 b-f	95 a-f	1.0 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			86 e-h	93 a-f	98 abc	0.3 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			84 f-i	95 a-e	97 abc	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			83 f-i	96 abc	99 a	1.0 ab	
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	SONIC	70	WG	0.131	lb ai/a	3	oz/a	PRE	A			96	98 a	99 a	99 a	0.3 ab
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									3.2		0 j	0 g	0 j	2.3 ab	
LSD (P=.05)												8.1	9.0	8.2	2.57	
Replicate F												1.058	6.944	2.110	0.018	
Replicate Prob(F)												0.3536	0.0020	0.1305	0.9823	
Treatment F												36.519	29.336	37.681	0.818	
Treatment Prob(F)												0.0001	0.0001	0.0001	0.7178	

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

Cooperative POST Soybean Glyphosate Tank-Mix - Site 2.

Trial ID: 08-51W-S150

Location: Belleville Res. Center

Pest Code		AMATA													
Crop Code		AMATA													
Rating Date								09-08-08	10-02-08						
Rating Data Type								Plants	Plants						
Rating Unit								0.5 m2	0.5 m2						
Rating Timing								0 DA-B	0 DA-B						
Trt-Eval Interval								14 DAT	28 DAT						
								Control	Control						
								Percent	Percent						
								56 DA-C	EOS						
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			80	bc	70	c
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B			68	f	2.7	abc
2	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	MPOST	B			86	abc	82	bc
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B			86	cde	2.0	bc
3	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	MPOST	B			93	ab	89	ab
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B			83	de	3.0	abc
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	MPOST	B			99	a	95	ab
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B			98	a	0.3	c
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	ab
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	MPOST	B			97	a	1.0	c
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	95	ab
6	COBRA	2	EC	0.094	lb ai/a	6	fl oz/a	MPOST	B			99	a	0.3	c
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	97	ab
7	COBRA	2	EC	0.188	lb ai/a	12	fl oz/a	MPOST	B			91	a-d	0.7	c
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	ab
8	FLEXSTAR	1.88	EC	0.147	lb ai/a	10	fl oz/a	MPOST	B			99	a	0.0	c
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	a
9	FLEXSTAR	1.88	EC	0.294	lb ai/a	20	fl oz/a	MPOST	B			99	a	0.0	c
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			89	ab	87	ab
10	FIRSTRATE	84	WG	0.0158	lb ai/a	0.3	oz/a	MPOST	B			87	b-e	3.0	abc
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	abc	84	abc
11	RESOURCE	0.86	EC	0.027	lb ai/a	4	fl oz/a	MPOST	B			86	de	4.7	ab
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			79	bc	83	abc
12	RESOURCE	0.86	EC	0.054	lb ai/a	8	fl oz/a	MPOST	B			79	e	4.7	ab
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			60	de	52	d
13	CADET	0.91	EC	0.00284	lb ai/a	0.4	fl oz/a	MPOST	B			70	f	4.3	ab
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			73	cd	52	d
14	PURSUIT	2	SL	0.0625	lb ai/a	4	fl oz/a	MPOST	B			65	f	5.7	a
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			47	e	48	d
15	SYNCHRONY XP	28.4	WG			0.375	oz/a	MPOST	B			67	f	5.7	a
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	a	95	ab
16	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C			96	a	0.3	c
17	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	LPOST	C			96	a	96	ab
17	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C			97	a	0.0	c
18	ROUNDUP P-MAX	4.5	SL	1.55	lb ae/a	44	fl oz/a	LPOST	C			93	ab	98	ab
18	N-PAK AMS	100	SL	5	% v/v	5	% v/v	LPOST	C			98	a	0.0	c

Cooperative POST Soybean Glyphosate Tank-Mix - Site 2.

Trial ID: 08-51W-S150 Location: Belleville Res. Center

Pest Code	AMATA	AMATA	AMATA	AMATA	AMATA	AMATA
Crop Code						
Rating Date					09-08-08	10-02-08
Rating Data Type	Plants	Control	Control	Control	Control	Plants
Rating Unit	0.5 m2	Percent	Percent	Percent	Percent	0.5 m2
Rating Timing	0 DA-B	0 DA-B	14 DAT	28 DAT	56 DA-C	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									
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			94 ab	92 ab	95 ab	0.3 c			
20	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C									
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			92 ab	91 ab	99 a	0.3 c			
21	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C									
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			91 ab	93 ab	98 a	0.7 c			
22	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C									
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			93 ab	96 ab	98 a	0.0 c			
23	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C									
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			96 a	95 ab	99 a	0.3 c			
24	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C									
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			93 ab	90 ab	96 a	0.3 c			
25	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C									
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			92 ab	86 abc	95 abc	0.7 c			
26	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C									
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			96 a	92 ab	99 a	0.3 c			
27	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C									
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			97 a	94 ab	98 a	0.0 c			
28	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	LPOST	C									
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			98 a	96 ab	99 a	0.0 c			
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											7.0		0 f	0 e	0 g	1.7 bc	
LSD (P=.05)														15.2	16.6	8.6	3.21	
Replicate F															1.948	0.734	2.306	3.002
Replicate Prob(F)															0.1518	0.4844	0.1087	0.0574
Treatment F															14.290	13.181	42.702	2.671
Treatment Prob(F)															0.0001	0.0001	0.0001	0.0007

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.
3. MPOST = 3-5"W; LPOST = 6-10"W.

Cooperative POST Soybean Glyphosate Tank-Mix - Site 2.

Trial ID: 08-51W-S150

Location: Belleville Res. Center

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.
7. IPOSS = Morningglory species including IPOHE and IPOLA.
8. 0.5 m² = 0.5 square meter. EOS = End of season.
9. DA-B = Days after the MPOST application. DAT = Days after various postemergence applications.
Ratings and plant counts at 0 DA-B were on 7-7-08.
Ratings at 7 DAT were on 7-14-08, 7-16-08, and 7-21-08 for the MPOST 4"W, and LPOST applications, respectively.
Ratings at 14 DAT were on 7-21-08, 7-23-08, and 7-28-08 for the MPOST, 4"W, and LPOST applications, respectively.
Ratings at 28 DAT were on 8-4-08, 8-6-08, and 8-11-08 for the MPOST, 4"W, and LPOST applications, respectively.
10. Harvested 10-30-08, (2) 30 inch rows by 24 ft.