

Effect of Permit and Yukon with Glyphosate in Glyphosate-Resistant Corn.

Trial ID: 08-10B-MW60 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: 06-15-08

Objectives: Evaluate additive effect on burndown and residual weed control from adding Permit to glyphosate when applied early postemergence to glyphosate-resistant corn.

Crop 1: ZEAMD Dent corn Variety: DKC 61-73 RR2/YGCB
 Planting Method: SEEDS Planting Date: 06-15-08
 Rate, Unit: 28000 S/A Depth, Unit: 1.5 IN
 Row Spacing, Unit: 30 IN

Pest 1 Type: W	Code: SETFA	Setaria faberi Herrm.	foxtail, giant
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: ABUTH	Abutilon theophrasti Medicus	velvetleaf
Pest 5 Type: W	Code: IPOHE	Ipomoea hederacea (L.) jacq.	morningglory, annual
Pest 6 Type: W	Code: AMATA	Amaranthus rudis Sauer	waterhemp, common
Pest 7 Type: W	Code: XANST	Xanthium strumarium L.	cocklebur, common

Plot Width, Unit: 10 FT Site Type: FIELD
 Plot Length, Unit: 24 FT Tillage Type: REDUCED-TILL
 Replications: 4 Study Design: Randomized Complete Block

Prior Crops, Year
 1. ZEAMD 2007

Field Prep./Maintenance: N 150 LB/A, P2O5 50 LB/A, K2O 100 LB/A

% OM: 2	Texture: SILT LOAM
pH: 6.2	Soil Name: PIERRON
CEC: 11	Fert. Level: P1 88 LB/A, K 445 LB/A

Application Description

A
 Application Date: 07-01-08
 Time of Day: 11:00
 Application Method: Spray
 Application Timing: 3-5"W
 Application Placement: BROFOL
 Applied By: TGM
 Air Temperature, Unit: 82 F
 % Relative Humidity: 50
 Wind Velocity, Unit: 4 MPH
 Dew Presence (Y/N): N
 Soil Temperature, Unit: 75 F
 Soil Moisture: NORMAL
 % Cloud Cover: 5
 07-01-08
 Crop stage at application: V4
 Height Min, Max (inch): 10 12

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Pest Stage At Each Application

Application Date: 07-01-08
 Weed Code: SETFA
 Stage Majority (leaves): 4
 Stage Min, Max: 3 5
 Height Majority: 4 IN
 Height Min, Max: 2 6
 Density, Unit: 12 FT2
 Weed Code: CYPES
 Stage Majority (leaves): 4
 Stage Min, Max: 3 5
 Height Majority: 5 IN
 Height Min, Max: 3 6
 Density, Unit: 5 FT2
 Weed Code: AMBTR
 Stage Majority (leaves): 4
 Stage Min, Max: 2 4
 Height Majority: 4 IN
 Height Min, Max: 2 5
 Density, Unit: 1 FT2
 Weed Code: ABUTH
 Stage Majority (leaves): 2
 Stage Min, Max: COTY 3
 Height Majority: 3 IN
 Height Min, Max: 1 3
 Density, Unit: 7 FT2
 Weed Code: IPOHE
 Stage Majority (leaves): 2
 Stage Min, Max: COTY 3
 Height Majority: 3 IN
 Height Min, Max: 2 4
 Density, Unit: 0.5 FT2
 Weed Code: AMATA
 Stage Majority (leaves): 3
 Stage Min, Max: COTY 5
 Height Majority: 3 IN
 Height Min, Max: 1 4
 Density, Unit: 0.5 FT2
 Weed Code: XANST
 Stage Majority (leaves): NA

Application Equipment

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

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Pest Code														
Crop Code														
Rating Date										ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD
Rating Data Type										11-08-08	11-08-08	07-17-08	07-31-08	08-21-08
Rating Unit										Moisture	Yield	Injury	Injury	Injury
Rating Timing										Percent	bu/A	Percent	Percent	Percent
Trt-Eval Interval												14 DAT	28 DAT	51 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	PERMIT	75	WG	0.0314	lb ai/a	0.67	oz/a	3-5"W	A	17.6 a	211 a	0 b	0 a	0 a
1	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A					
1	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					
2	GWN-3041					0.67	oz/a	3-5"W	A	17.4 a	217 a	3 a	0 a	0 a
2	GWN-3124					0.083	oz/a	3-5"W	A					
2	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A					
2	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					
3	YUKON	67.5	WG	0.169	lb ai/a	4	oz/a	3-5"W	A	17.6 a	216 a	0 b	0 a	0 a
3	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A					
3	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					
4	YUKON	67.5	WG	0.127	lb ai/a	3	oz/a	3-5"W	A	17.0 a	211 a	0 b	0 a	0 a
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A					
4	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					
5	STATUS	56	WG	0.175	lb ai/a	5	oz/a	3-5"W	A	17.3 a	219 a	2 b	0 a	0 a
5	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A					
5	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A	17.5 a	218 a	0 b	0 a	0 a
6	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					
7	NONTREATED									17.3 a	164 b	0 b	0 a	0 a
LSD (P=.05)										1.01	22.9	1.7	0.0	0.0
Replicate F										0.499	1.576	0.615	0.000	0.000
Replicate Prob(F)										0.6878	0.2299	0.6143	1.0000	1.0000
Treatment F										0.418	6.559	4.927	0.000	0.000
Treatment Prob(F)										0.8576	0.0008	0.0038	1.0000	1.0000

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

Effect of Permit and Yukon with Glyphosate in Glyphosate-Resistant Corn.

Trial ID: 08-10B-MW60 Location: Belleville Res. Center

Pest Code										SETFA	SETFA	SETFA	SETFA	CYPES	CYPES	CYPES	CYPES
Crop Code										07-17-08	07-31-08	08-21-08	08-21-08	07-17-08	07-31-08	08-21-08	08-21-08
Rating Date										Control	Control	Control	NewGerm	Control	Control	Control	NewGerm
Rating Data Type										Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit																	
Rating Timing																	
Trt-Eval Interval										14 DAT	28 DAT	51 DA-A	51 DA-A	14 DAT	28 DAT	51 DA-A	51 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code								
1	PERMIT	75	WG	0.0314	lb ai/a	0.67	oz/a	3-5"W	A	98 a	90 ab	95 a	100 a	94 a	91 ab	99 a	0 a
1	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A								
1	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
2	GWN-3041					0.67	oz/a	3-5"W	A	98 a	86 bc	93 a	100 a	93 a	90 ab	97 a	0 a
2	GWN-3124					0.083	oz/a	3-5"W	A								
2	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A								
2	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
3	YUKON	67.5	WG	0.169	lb ai/a	4	oz/a	3-5"W	A	98 a	88 b	95 a	100 a	93 a	85 bc	93 a	0 a
3	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A								
3	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
4	YUKON	67.5	WG	0.127	lb ai/a	3	oz/a	3-5"W	A	98 a	90 ab	94 a	100 a	93 a	94 a	99 a	0 a
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A								
4	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
5	STATUS	56	WG	0.175	lb ai/a	5	oz/a	3-5"W	A	98 a	94 a	95 a	100 a	84 b	81 cd	77 b	0 a
5	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A								
5	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A	96 b	81 c	88 b	100 a	81 c	75 d	97 a	13 a
6	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
7	NONTREATED									0 c	0 d	0 c		0 d	0 e	0 c	
LSD (P=.05)										0.7	5.3	3.4	0.0	2.5	8.4	13.1	15.4
Replicate F										0.611	1.383	1.771	0.000	3.004	2.044	1.157	1.000
Replicate Prob(F)										0.6165	0.2801	0.1887	1.0000	0.0576	0.1437	0.3536	0.4199
Treatment F										25295.448	354.188	939.643	0.000	1615.669	136.408	67.667	1.000
Treatment Prob(F)										0.0001	0.0001	0.0001	1.0000	0.0001	0.0001	0.0001	0.4509

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

Effect of Permit and Yukon with Glyphosate in Glyphosate-Resistant Corn.

Trial ID: 08-10B-MW60 Location: Belleville Res. Center

Pest Code	AMBTR	AMBTR	AMBTR	AMBTR
Crop Code				
Rating Date	07-17-08	07-31-08	08-21-08	08-21-08
Rating Data Type	Control	Control	Control	NewGerm
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing				
Trt-Eval Interval	14 DAT	28 DAT	51 DA-A	51 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	PERMIT	75	WG	0.0314	lb ai/a	0.67	oz/a	3-5"W	A	98 a	87 bc	98 a	25 bc
1	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A				
1	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A				
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A				
2	GWN-3041					0.67	oz/a	3-5"W	A	98 a	91 ab	97 ab	75 ab
2	GWN-3124					0.083	oz/a	3-5"W	A				
2	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A				
2	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A				
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A				
3	YUKON	67.5	WG	0.169	lb ai/a	4	oz/a	3-5"W	A	98 a	93 a	98 a	25 bc
3	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A				
3	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A				
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A				
4	YUKON	67.5	WG	0.127	lb ai/a	3	oz/a	3-5"W	A	98 a	91 ab	98 a	0 c
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A				
4	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A				
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A				
5	STATUS	56	WG	0.175	lb ai/a	5	oz/a	3-5"W	A	98 a	85 c	96 ab	50 abc
5	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A				
5	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A				
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A				
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A	97 a	89 abc	94 b	100 a
6	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A				
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A				
7	NONTREATED									0 b	0 d	0 c	
LSD (P=.05)										0.9	4.5	3.3	68.8
Replicate F										0.105	4.281	1.023	0.200
Replicate Prob(F)										0.9563	0.0190	0.4059	0.8948
Treatment F										15958.955	501.755	1097.534	2.600
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0693

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

Effect of Permit and Yukon with Glyphosate in Glyphosate-Resistant Corn.

Trial ID: 08-10B-MW60 Location: Belleville Res. Center

Pest Code										ABUTH	ABUTH	ABUTH	ABUTH	IPOHE	IPOHE	IPOHE	IPOHE
Crop Code										07-17-08	07-31-08	08-21-08	08-21-08	07-17-08	07-31-08	08-21-08	08-21-08
Rating Date										Control	Control	Control	NewGerm	Control	Control	Control	NewGerm
Rating Data Type										Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit																	
Rating Timing																	
Trt-Eval Interval										14 DAT	28 DAT	51 DA-A	51 DA-A	14 DAT	28 DAT	51 DA-A	51 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code								
1	PERMIT	75	WG	0.0314	lb ai/a	0.67	oz/a	3-5"W	A	98 a	92 a	96 a	75 a	92 bc	83 ab	93 ab	75 a
1	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A								
1	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
2	GWN-3041					0.67	oz/a	3-5"W	A	98 a	94 a	95 ab	100 a	93 b	90 a	91 ab	76 a
2	GWN-3124					0.083	oz/a	3-5"W	A								
2	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A								
2	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
3	YUKON	67.5	WG	0.169	lb ai/a	4	oz/a	3-5"W	A	98 a	95 a	94 ab	75 a	96 a	89 a	94 a	86 a
3	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A								
3	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
4	YUKON	67.5	WG	0.127	lb ai/a	3	oz/a	3-5"W	A	98 a	91 ab	95 ab	75 a	94 b	89 a	95 a	86 a
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A								
4	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
5	STATUS	56	WG	0.175	lb ai/a	5	oz/a	3-5"W	A	92 b	84 c	91 bc	100 a	91 c	84 a	91 bc	70 a
5	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A								
5	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A	90 c	88 bc	89 c	100 a	80 d	73 b	88 c	63 a
6	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A								
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A								
7	NONTREATED									0 d	0 d	0 d		0 e	0 c	0 d	
LSD (P=.05)										0.9	4.3	4.1	41.3	1.9	10.1	3.4	35.7
Replicate F										1.069	1.210	2.227	5.000	3.726	0.479	9.777	0.916
Replicate Prob(F)										0.3869	0.3345	0.1200	0.0134	0.0304	0.7011	0.0005	0.4570
Treatment F										13129.516	561.327	651.874	1.000	2806.908	90.319	909.601	0.611
Treatment Prob(F)										0.0001	0.0001	0.0001	0.4509	0.0001	0.0001	0.0001	0.6933

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

Effect of Permit and Yukon with Glyphosate in Glyphosate-Resistant Corn.

Trial ID: 08-10B-MW60

Location: Belleville Res. Center

Pest Code				AMATA		AMATA		AMATA		AMATA		XANST		XANST						
Crop Code				07-17-08		07-31-08		08-21-08		08-21-08		08-21-08		08-21-08						
Rating Date				Control		Control		Control		NewGerm		Control		NewGerm						
Rating Data Type				Percent		Percent		Percent		Percent		Percent		Percent						
Rating Unit				14 DAT		28 DAT		51 DA-A		51 DA-A		51 DA-A		51 DA-A						
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	PERMIT	75	WG	0.0314	lb ai/a	0.67	oz/a	3-5"W	A	97	b	90	bc	95	b					
1	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A					75	ab					
1	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					93	a					
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					100	a					
2	GWN-3041					0.67	oz/a	3-5"W	A	98	a	93	ab	96	ab					
2	GWN-3124					0.083	oz/a	3-5"W	A					100	a					
2	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A					92	a					
2	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					75	a					
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A											
3	YUKON	67.5	WG	0.169	lb ai/a	4	oz/a	3-5"W	A	98	a	94	a	97	ab					
3	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A					75	ab					
3	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					95	a					
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					75	a					
4	YUKON	67.5	WG	0.127	lb ai/a	3	oz/a	3-5"W	A	98	a	89	cd	98	a					
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A					25	b					
4	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					88	ab					
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					100	a					
5	STATUS	56	WG	0.175	lb ai/a	5	oz/a	3-5"W	A	98	a	90	bc	97	ab					
5	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A					50	ab					
5	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					80	b					
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					100	a					
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-5"W	A	98	a	86	d	96	ab					
6	ACTIVATOR 90	100	SL	0.125	% v/v	0.125	% v/v	3-5"W	A					75	ab					
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-5"W	A					79	b					
7	NONTREATED									0	c	0	e	0	c					
LSD (P=.05)										0.5		3.0		3.0		59.4		10.8		38.9
Replicate F										0.300		0.825		4.480		3.571		1.863		2.500
Replicate Prob(F)										0.8250		0.4971		0.0162		0.0396		0.1720		0.0991
Treatment F										45829.005		1177.800		1272.354		1.714		86.317		1.000
Treatment Prob(F)										0.0001		0.0001		0.0001		0.1920		0.0001		0.4509

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

Trial Comments

1. Protocol: Gowan (08-11-5).
2. Ratings: CI 14 + 28 DAT; WC 14, 28, 60 + 90 DAT.
Rate new emergence of weeds separate from burndown at the 90 DAT evaluation.
3. Yield.
4. DA-A = Days after 3-5"W application. NewGerm = New germination specifically, for the weed control rating on 8-21-08, the portion of any lack of control which was due to germination and emergence after the 3-5"W application.
5. 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.
6. Harvested 11-08-08, (2) 30 inch rows by 21 ft.