

Solstice Early Postemergence Comparisons.

Trial ID: 14-21S-MW40 Location: Belleville Res. Center Trial Year: 2014
Investigator: Ronald F. Krausz

Trial Status: One-year/final Initiation Date: 5-11-14 Completion Date: 10-7-14	
City: Belleville Country: USA State/Prov.: Illinois IL Postal Code: 62221	Trial Location

Objectives: Evaluate Solstice for weed control in corn applied early postemergence.

Study Director: Ronald F. Krausz Organization: Belleville Research Center - Southern Illinois Univ Carbondale Address: 2036 Charles Lane City+State/Prov: Belleville, IL Postal Code: 62221 Country: USA	Contacts Title: Researcher/Farm Manager Phone No.: 618-566-4761 E-mail: rkrausz@siu.edu
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Crop 1: ZEAMD Zea mays indentata Dent corn Variety: DKC 63-33 BBCH Scale: BCOR Description: SS RIB Planting Rate, Unit: 28000 S/A Depth, Unit: 1.5 IN Row Spacing, Unit: 30 IN	Crop Description Planting Date: 5-11-14 Planting Method: SEEDED
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Pest 1 Type: W Code: SETFA Setaria faberi Herrm. Common Name: foxtail, giant Pest 2 Type: W Code: ABUTH Abutilon theophrasti Medik. Common Name: velvetleaf Pest 3 Type: W Code: XANST Xanthium strumarium L. Common Name: cocklebur, common Pest 4 Type: W Code: IPOHE Ipomoea hederacea (L.) Jacq. Common Name: morningglory, ivyleaf Pest 5 Type: W Code: AMATA Amaranthus rudis Sauer Common Name: waterhemp, common	Pest Description
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Treated Plot Width: 7.5 FT Total Plot Width: 10 FT Treated Plot Length: 30 FT Total Plot Length: 30 FT Replications: 4 Untreated Arrangement: INCLUDED single control randomized in each block	Site and Design Site Type: FIELD Experimental Unit: 1 PLOT Tillage Type: REDTIL reduced-till Study Design: RACOB L Randomized Complete Block (RCB)
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No.	Previous Crop	Year
1.	GLXMA	2013

Maintenance <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">No.</th> <th style="width: 95%;">Maintenance Product Name</th> </tr> <tr> <td>1.</td> <td>N 150 LB/A, P2O5 50 LB/A, K2O 150 LB/A</td> </tr> </table>	No.	Maintenance Product Name	1.	N 150 LB/A, P2O5 50 LB/A, K2O 150 LB/A
No.	Maintenance Product Name			
1.	N 150 LB/A, P2O5 50 LB/A, K2O 150 LB/A			

% OM: 3 Texture: SIL silt loam pH: 6.5 Soil Name: Be halto CEC: 12	Soil Description
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Element	Quantity	Unit
P1	40	lb/A
K	318	lb/A

Overall Moisture Conditions: NORMAL Closest Weather Station: ICN - Belleville IL	Moisture and Weather Conditions Distance, Unit: 0.5 MI
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No.	Date	Amount	Unit	Type	Type Description	Interval	Unit	Min Temp	Max Temp	Temp Unit
1.	4-22-14					7	DAY	44	78	F
2.	4-24-14	2.24	IN	RAIN	rain	5	DAY			
3.	4-29-14	0.09	IN	RAIN	rain	2	DAY			
4.	4-29-14					7	DAY	41	87	F
5.	5-6-14					7	DAY	56	86	F
6.	5-8-14	0.13	IN	RAIN	rain	2	DAY			
7.	5-12-14	0.88	IN	RAIN	rain	4	DAY			
8.	5-13-14					7	DAY	37	76	F
9.	5-20-14					7	DAY	55	87	F
10.	5-21-14	0.06	IN	RAIN	rain	1	DAY			
11.	5-25-14	0.49	IN	RAIN	rain	2	DAY			
12.	5-27-14	0.08	IN	RAIN	rain	2	DAY			
13.	5-27-14					7	DAY	60	86	F
14.	5-31-14	0.14	IN	RAIN	rain	1	DAY			
15.	6-1-14	0.13	IN	RAIN	rain	1	DAY			
16.	6-3-14					7	DAY	59	90	F
17.	6-4-14	0.67	IN	RAIN	rain	1	DAY			
18.	6-7-14	0.6	IN	RAIN	rain	1	DAY			
19.	6-9-14	1.38	IN	RAIN	rain	2	DAY			
20.	6-10-14					7	DAY	51	90	F
21.	6-12-14	0.07	IN	RAIN	rain	1	DAY			
22.	6-15-14	0.02	IN	RAIN	rain	1	DAY			
23.	6-17-14					7	DAY	67	92	F
24.	6-20-14	2.09	IN	RAIN	rain	5	DAY			
25.	6-24-14					7	DAY	65	91	F
26.	6-27-14	0.11	IN	RAIN	rain	2	DAY			
27.	7-1-14	0.01	IN	RAIN	rain	1	DAY			
28.	7-1-14					7	DAY	55	90	F
29.	7-7-14	0.79	IN	RAIN	rain	2	DAY			
30.	7-8-14					7	DAY	59	89	F
31.	7-12-14	0.49	IN	RAIN	rain	3	DAY			
32.	7-15-14					7	DAY	54	85	F
33.	7-22-14					7	DAY	57	98	F
34.	7-25-14	0.02	IN	RAIN	rain	1	DAY			
35.	7-29-14					7	DAY	52	89	F
36.	8-1-14	0.04	IN	RAIN	rain	1	DAY			
37.	8-5-14	4.04	IN	RAIN	rain	4	DAY			
38.	8-5-14					7	DAY	66	88	F
39.	8-12-14					7	DAY	57	84	F
40.	8-15-14	1.21	IN	RAIN	rain	3	DAY			
41.	8-19-14					7	DAY	67	95	F
42.	8-20-14	0.11	IN	RAIN	rain	1	DAY			
43.	8-26-14					7	DAY	68	95	F
44.	8-27-14	1.56	IN	RAIN	rain	2	DAY			
45.	9-1-14	2.21	IN	RAIN	rain	2	DAY			
46.	9-2-14					7	DAY	54	93	F
47.	9-5-14	0.24	IN	RAIN	rain	1	DAY			
48.	9-9-14					7	DAY	45	85	F
49.	9-10-14	1.06	IN	RAIN	rain	1	DAY			
50.	9-16-14					7	DAY	46	86	F
51.	9-23-14					7	DAY	46	86	F
52.	9-30-14					7	DAY	37	87	F
53.	10-1-14	0.99	IN	RAIN	rain	3	DAY			
54.	10-6-14	0.31	IN	RAIN	rain	2	DAY			
55.	10-7-14					7	DAY	46	77	F

Solstice Early Postemergence Comparisons.

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Application Description

	A
Application Date:	5-30-14
Appl. Start Time:	10:30
Appl. Stop Time:	11:00
Application Method:	Spray
Application Timing:	4"W
Application Placement:	BROFOL
Applied By:	RFK
Air Temperature, Unit:	82 F
% Relative Humidity:	63
Wind Velocity, Unit:	0 MPH
Dew Presence (Y/N):	N
Soil Temperature, Unit:	72 F
Soil Moisture:	NORMAL
% Cloud Cover:	50
Next Moisture Occurred On:	5-31-14
Time to Next Moisture, Unit:	1 DAY

Crop Stage At Each Application

	A
Crop 1 Code, BBCH Scale:	ZEAMD
Stage Scale Used:	DESC
Stage Majority, Percent:	V3
Stage Minimum, Percent:	V3
Stage Maximum, Percent:	V3
Height, Unit:	8 IN
Height Minimum, Maximum:	5 8

Pest Stage At Each Application

	A
Pest 1 Code, Type, Scale:	SETFA W
Stage Majority, Percent:	5
Stage Minimum, Percent:	5
Stage Maximum, Percent:	6
Height, Unit:	4 IN
Height Minimum, Maximum:	3 4
Density, Unit:	1 FT2
Pest 2 Code, Type, Scale:	ABUTH W
Stage Majority, Percent:	5
Stage Minimum, Percent:	4
Stage Maximum, Percent:	6
Height, Unit:	3 IN
Height Minimum, Maximum:	2 4
Density, Unit:	0.1 FT2
Pest 3 Code, Type, Scale:	XANST W
Stage Majority, Percent:	6
Stage Minimum, Percent:	5
Stage Maximum, Percent:	6
Height, Unit:	4 IN
Height Minimum, Maximum:	3 4
Density, Unit:	1 FT2
Pest 4 Code, Type, Scale:	IPOHE W
Stage Majority, Percent:	8
Stage Minimum, Percent:	6
Stage Maximum, Percent:	8
Height, Unit:	3 IN
Height Minimum, Maximum:	2 3
Density, Unit:	0.1 FT2
Pest 5 Code, Type, Scale:	AMATA W
Stage Majority, Percent:	6
Stage Minimum, Percent:	4
Stage Maximum, Percent:	6
Height, Unit:	2 IN
Height Minimum, Maximum:	1 2
Density, Unit:	1 FT2

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Application Equipment	
	A
Appl. Equipment:	CO2 sprayer
Equipment Type:	BACSPR
Operation Pressure, Unit:	30 PSI
Nozzle Type:	XR
Nozzle Size:	8002
Boom Length, Unit:	7.5 FT
Spray Volume, Unit:	15 GPA

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Pest Code Crop Code Rating Date Rating Type Rating Unit								ZEAMD 10-7-14 Moisture Percent	ZEAMD 10-7-14 Test wt. lb/bu	ZEAMD 10-7-14 Yield bu/A	ZEAMD 6-4-14 Injury Percent	ZEAMD 6-14-14 Injury Percent	ZEAMD 6-29-14 Injury Percent
Rating Timing Trt-Eval Interval											5 DA-A	15 DA-A	30 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	SOLSTICE	4 SC		0.098 lb ai/a	3.15 fl oz/a	4"W	A		15.2 a	58.5 a	249 a	11 a	0 a
	ROUNDUP POWERMAX	4.5 SL		1.13 lb ae/a	32 fl oz/a	4"W	A						
	COC (PRIME OIL)	100 SL		1 % v/v	1 % v/v	4"W	A						
	N-PAK AMS	100 SL		2.5 % v/v	2.5 % v/v	4"W	A						
2	IMPACT	2.8 SC		0.0164 lb ai/a	0.75 fl oz/a	4"W	A		15.3 a	58.4 a	250 a	0 c	0 a
	ROUNDUP POWERMAX	4.5 SL		1.13 lb ae/a	32 fl oz/a	4"W	A						
	COC (PRIME OIL)	100 SL		1 % v/v	1 % v/v	4"W	A						
	N-PAK AMS	100 SL		2.5 % v/v	2.5 % v/v	4"W	A						
3	SOLSTICE	4 SC		0.078 lb ai/a	2.5 fl oz/a	4"W	A		15.3 a	58.5 a	247 a	4 b	0 a
	AATREX 4L	4 SC		0.5 lb ai/a	16 fl oz/a	4"W	A						
	ROUNDUP POWERMAX	4.5 SL		1.13 lb ae/a	32 fl oz/a	4"W	A						
	COC (PRIME OIL)	100 SL		1 % v/v	1 % v/v	4"W	A						
	N-PAK AMS	100 SL		2.5 % v/v	2.5 % v/v	4"W	A						
4	SOLSTICE	4 SC		0.098 lb ai/a	3.15 fl oz/a	4"W	A		15.4 a	58.3 a	254 a	10 a	0 a
	STANZA	68.5 WG		0.086 lb ai/a	2 oz/a	4"W	A						
	ROUNDUP POWERMAX	4.5 SL		1.13 lb ae/a	32 fl oz/a	4"W	A						
	COC (PRIME OIL)	100 SL		1 % v/v	1 % v/v	4"W	A						
	N-PAK AMS	100 SL		2.5 % v/v	2.5 % v/v	4"W	A						
5	ANTHEM	2.15 SE		0.134 lb ai/a	8 fl oz/a	4"W	A		15.1 a	58.6 a	261 a	10 a	0 a
	STANZA	68.5 WG		0.086 lb ai/a	2 oz/a	4"W	A						
	ROUNDUP POWERMAX	4.5 SL		1.13 lb ae/a	32 fl oz/a	4"W	A						
	COC (PRIME OIL)	100 SL		1 % v/v	1 % v/v	4"W	A						
	N-PAK AMS	100 SL		2.5 % v/v	2.5 % v/v	4"W	A						
6	ANTHEM ATZ	4.5 SE		0.56 lb ai/a	16 fl oz/a	4"W	A		15.4 a	58.4 a	259 a	13 a	0 a
	SOLSTICE	4 SC		0.078 lb ai/a	2.5 fl oz/a	4"W	A						
	ROUNDUP POWERMAX	4.5 SL		1.13 lb ae/a	32 fl oz/a	4"W	A						
	COC (PRIME OIL)	100 SL		1 % v/v	1 % v/v	4"W	A						
	N-PAK AMS	100 SL		2.5 % v/v	2.5 % v/v	4"W	A						
7	NONTREATED								15.6 a	58.2 a	192 b	0	0
LSD (P=.05)								0.84	0.49	26.5	3.5	0.0	0.0
Standard Deviation								0.56	0.33	17.8	2.3	0.0	0.0
CV								3.67	0.57	7.29	29.02	0.0	0.0
Replicate F								0.707	0.617	5.610	1.216	0.000	0.000
Replicate Prob(F)								0.5600	0.6132	0.0068	0.3379	1.0000	1.0000
Treatment F								0.305	0.504	7.163	17.351	0.000	0.000
Treatment Prob(F)								0.9262	0.7972	0.0005	0.0001	1.0000	1.0000

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

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Trial ID: 14-21S-MW40 Location: Belleville Res. Center Trial Year: 2014
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Pest Code	SETFA	SETFA	SETFA	SETFA	ABUTH	ABUTH	ABUTH	ABUTH
Crop Code	6-4-14	6-14-14	6-29-14	7-29-14	6-4-14	6-14-14	6-29-14	7-29-14
Rating Date	Control	Control	Control	Control	Control	Control	Control	Control
Rating Type	Percen	Percen	Percen	Percent	Percen	Percent	Percent	Percent
Rating Unit								
Rating Timing								
Trt-Eval Interval	5 DA-A	15 DA-A	30 DA-A	60 DA-A	5 DA-A	15 DA-A	30 DA-A	60 DA-A
Trt Treatment No. Name	Form Conc	Form Conc	Rate Unit	Other Rate	Other Rate	Growth Unit	Appl Stage	Code
1 SOLSTICE	4 SC	0.098 lb ai/a	3.15 fl oz/a	4"W	A	99 a	91 a	80 c
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W	A			80 c
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W	A	99 a	99 a	99 a
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W	A			
2 IMPACT	2.8 SC	0.0164 lb ai/a	0.75 fl oz/a	4"W	A	99 a	90 a	79 c
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W	A			79 c
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W	A	99 a	99 a	99 a
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W	A			
3 SOLSTICE	4 SC	0.078 lb ai/a	2.5 fl oz/a	4"W	A	99 a	99 a	94 b
AATREX 4L	4 SC	0.5 lb ai/a	16 fl oz/a	4"W	A			94 b
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W	A	99 a	99 a	99 a
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W	A			
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W	A			
4 SOLSTICE	4 SC	0.098 lb ai/a	3.15 fl oz/a	4"W	A	99 a	96 a	78 c
STANZA	68.5 WG	0.086 lb ai/a	2 oz/a	4"W	A			78 c
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W	A	99 a	99 a	99 a
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W	A			
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W	A			
5 ANTHEM	2.15 SE	0.134 lb ai/a	8 fl oz/a	4"W	A	99 a	99 a	99 a
STANZA	68.5 WG	0.086 lb ai/a	2 oz/a	4"W	A			99 a
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W	A	99 a	99 a	99 a
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W	A			
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W	A			
6 ANTHEM ATZ	4.5 SE	0.56 lb ai/a	16 fl oz/a	4"W	A	99 a	99 a	99 a
SOLSTICE	4 SC	0.078 lb ai/a	2.5 fl oz/a	4"W	A			
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W	A	99 a	99 a	99 a
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W	A			
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W	A			
7 NONTREATED						0	0	0
LSD (P=.05)	0.0	7.8	5.2	5.2	0.0	0.0	0.0	0.0
Standard Deviation	0.0	5.2	3.4	3.4	0.0	0.0	0.0	0.0
CV	0.0	5.4	3.91	3.91	0.0	0.0	0.0	0.0
Replicate F	0.000	2.046	2.072	2.072	0.000	0.000	0.000	0.000
Replicate Prob(F)	1.0000	0.1506	0.1470	0.1470	1.0000	1.0000	1.0000	1.0000
Treatment F	0.000	2.777	36.012	36.012	0.000	0.000	0.000	0.000
Treatment Prob(F)	1.0000	0.0571	0.0001	0.0001	1.0000	1.0000	1.0000	1.0000

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Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit		XANST	XANST	XANST	XANST	IPOHE	IPOHE	IPOHE	IPOHE
						6-4-14 Control Percent	6-14-14 Control Percent	6-29-14 Control Percent	7-29-14 Control Percent	6-4-14 Control Percent	6-14-14 Control Percent	6-29-14 Control Percent	7-29-14 Control Percent
Rating Timing						5 DA-A	15 DA-A	30 DA-A	60 DA-A	5 DA-A	15 DA-A	30 DA-A	60 DA-A
Trt Treatment	Form Form	Rate	Other Other	Growth Appl									
No. Name	Conc Type Rate	Unit	Rate Rate	Unit Stage Code									
1 SOLSTICE	4 SC	0.098 lb ai/a	3.15 fl oz/a	4"W A		99 a	99 a	99 a	99 a	99 a	88 a	76 a	76 a
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W A									
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W A									
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W A									
2 IMPACT	2.8 SC	0.0164 lb ai/a	0.75 fl oz/a	4"W A		99 a	97 a	99 a	99 a	95 b	83 a	41 b	41 b
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W A									
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W A									
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W A									
3 SOLSTICE	4 SC	0.078 lb ai/a	2.5 fl oz/a	4"W A		99 a	94 a	96 a	96 a	99 a	99 a	94 a	94 a
AATREX 4L	4 SC	0.5 lb ai/a	16 fl oz/a	4"W A									
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W A									
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W A									
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W A									
4 SOLSTICE	4 SC	0.098 lb ai/a	3.15 fl oz/a	4"W A		99 a	99 a	99 a	99 a	99 a	87 a	80 a	80 a
STANZA	68.5 WG	0.086 lb ai/a	2 oz/a	4"W A									
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W A									
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W A									
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W A									
5 ANTHEM	2.15 SE	0.134 lb ai/a	8 fl oz/a	4"W A		99 a	97 a	99 a	99 a	99 a	94 a	91 a	91 a
STANZA	68.5 WG	0.086 lb ai/a	2 oz/a	4"W A									
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W A									
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W A									
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W A									
6 ANTHEM ATZ	4.5 SE	0.56 lb ai/a	16 fl oz/a	4"W A		99 a	99 a	97 a	97 a	99 a	99 a	97 a	97 a
SOLSTICE	4 SC	0.078 lb ai/a	2.5 fl oz/a	4"W A									
ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	4"W A									
COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	4"W A									
N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	4"W A									
7 NONTREATED						0	0	0	0	0	0	0	0
LSD (P=.05)						0.0	6.8	4.7	4.7	3.2	12.5	30.4	30.4
Standard Deviation						0.0	4.5	3.1	3.1	2.1	8.3	20.2	20.2
CV						0.0	4.63	3.17	3.17	2.16	9.01	25.28	25.28
Replicate F						0.000	1.428	0.614	0.614	1.000	0.957	1.677	1.677
Replicate Prob(F)						1.0000	0.2739	0.6163	0.6163	0.4199	0.4386	0.2144	0.2144
Treatment F						0.000	0.725	0.927	0.927	3.000	2.686	4.142	4.142
Treatment Prob(F)						1.0000	0.6154	0.4910	0.4910	0.0450	0.0631	0.0145	0.0145

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Pest Code									AMATA	AMATA	AMATA	AMATA
Crop Code												
Rating Date									6-4-14	6-14-14	6-29-14	7-29-14
Rating Type									Control	Control	Control	Control
Rating Unit									Percent	Percent	Percent	Percent
Rating Timing												
Trt-Eval Interval									5 DA-A	15 DA-A	30 DA-A	60 DA-A
Trt Treatment No. Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate	Growth Unit	Appl Stage	Code			
1 SOLSTICE	4	SC	0.098 lb ai/a		3.15 fl oz/a		4"W	A		99 a	99 a	99 a
ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a		32 fl oz/a		4"W	A				
COC (PRIME OIL)	100	SL	1 % v/v		1 % v/v		4"W	A				
N-PAK AMS	100	SL	2.5 % v/v		2.5 % v/v		4"W	A				
2 IMPACT	2.8	SC	0.0164 lb ai/a		0.75 fl oz/a		4"W	A		99 a	99 a	99 a
ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a		32 fl oz/a		4"W	A				
COC (PRIME OIL)	100	SL	1 % v/v		1 % v/v		4"W	A				
N-PAK AMS	100	SL	2.5 % v/v		2.5 % v/v		4"W	A				
3 SOLSTICE	4	SC	0.078 lb ai/a		2.5 fl oz/a		4"W	A		99 a	99 a	99 a
AATREX 4L	4	SC	0.5 lb ai/a		16 fl oz/a		4"W	A				
ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a		32 fl oz/a		4"W	A				
COC (PRIME OIL)	100	SL	1 % v/v		1 % v/v		4"W	A				
N-PAK AMS	100	SL	2.5 % v/v		2.5 % v/v		4"W	A				
4 SOLSTICE	4	SC	0.098 lb ai/a		3.15 fl oz/a		4"W	A		99 a	99 a	99 a
STANZA	68.5	WG	0.086 lb ai/a		2 oz/a		4"W	A				
ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a		32 fl oz/a		4"W	A				
COC (PRIME OIL)	100	SL	1 % v/v		1 % v/v		4"W	A				
N-PAK AMS	100	SL	2.5 % v/v		2.5 % v/v		4"W	A				
5 ANTHEM	2.15	SE	0.134 lb ai/a		8 fl oz/a		4"W	A		99 a	99 a	99 a
STANZA	68.5	WG	0.086 lb ai/a		2 oz/a		4"W	A				
ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a		32 fl oz/a		4"W	A				
COC (PRIME OIL)	100	SL	1 % v/v		1 % v/v		4"W	A				
N-PAK AMS	100	SL	2.5 % v/v		2.5 % v/v		4"W	A				
6 ANTHEM ATZ	4.5	SE	0.56 lb ai/a		16 fl oz/a		4"W	A		99 a	99 a	99 a
SOLSTICE	4	SC	0.078 lb ai/a		2.5 fl oz/a		4"W	A				
ROUNDUP POWERMAX	4.5	SL	1.13 lb ae/a		32 fl oz/a		4"W	A				
COC (PRIME OIL)	100	SL	1 % v/v		1 % v/v		4"W	A				
N-PAK AMS	100	SL	2.5 % v/v		2.5 % v/v		4"W	A				
7 NONTREATED										0	0	0
LSD (P=.05)										0.0	0.0	0.0
Standard Deviation										0.0	0.0	0.0
CV										0.0	0.0	0.0
Replicate F										0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000

Solstice Early Postemergence Comparisons.

Trial ID: 14-21S-MW40 Location: Belleville Res. Center Trial Year: 2014
Investigator: Ronald F. Krausz

Trial Comments

1. Protocol: FMC (Solstice early post).
2. Ratings: CI 5, 15, and 30 DA-A; WC 5, 15, 30, and 60 DA-A.
3. Yield, Solstice is labeled.
4. Following the 4"W application the first significant rainfall event was 0.27 inch over the next 2 days then 0.67 inch 5 days after application.
5. Crop injury at 5 DA-A was speckling of leaves.
6. Harvested 10-7-14, (2) 30 inch rows by 27 ft.