

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Trial Status: F one-year/final Initiation Date: 7-6-15 Completion Date: 9-3-15	Trial Location
City: Belleville Country: USA State/Prov.: Illinois IL Postal Code: 62221	

Objectives: Evaluate herbicide programs designed for double-crop DT-soybeans that include Engenia.
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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: NONE - Non-crop _ Variety: NON-CROP Planting Method: NA	Crop Description
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Pest 1 Type: W Code: POLPY Polygonum pensylvanicum L. Common Name: smartweed, Pennsylvania Pest 2 Type: W Code: ERICA Conyza canadensis (L.) Crong. Common Name: horseweed Pest 3 Type: W Code: AMBTR Ambrosia trifida L. Common Name: ragweed, giant Pest 4 Type: W Code: AMBEL Ambrosia artemisiifolia L. Common Name: ragweed, common Pest 5 Type: W Code: SETFA Setaria faberi Herrm. Common Name: foxtail, giant Pest 6 Type: W Code: ABUTH Abutilon theophrasti Medik. Common Name: velvetleaf Pest 7 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: 26 FT Total Plot Length: 26 FT Replications: 3 Untreated Arrangement: INCLUDED single control randomized in each block	Site and Design Site Type: FIELD Experimental Unit: 1 PLOT Tillage Type: NOTILL no-till Study Design: RACOBL Randomized Complete Block (RCB)						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">No.</th> <th style="width: 45%;">Previous Crop</th> <th style="width: 50%;">Year</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>TRZAW</td> <td>2015</td> </tr> </tbody> </table>	No.	Previous Crop	Year	1.	TRZAW	2015	
No.	Previous Crop	Year					
1.	TRZAW	2015					

<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">No.</th> <th style="width: 95%;">Maintenance Product Name</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>N 0 LB/A, P2O5 0 LB/A, K2O 0 LB/A</td> </tr> </tbody> </table>	No.	Maintenance Product Name	1.	N 0 LB/A, P2O5 0 LB/A, K2O 0 LB/A	Maintenance
No.	Maintenance Product Name				
1.	N 0 LB/A, P2O5 0 LB/A, K2O 0 LB/A				

Description Name: 05A_2013 % OM: 2.4 Texture: SIL silt loam pH: 6.9 Soil Name: Winfield CEC: 7	Soil Description
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Weed Control in Dicamba Tolerant Double-Crop Soybeans.

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Additional Measured Elements

Element	Quantity	Unit
P1	83	lb/A
K	352	lb/A

Moisture and Weather Conditions

Overall Moisture Conditions: ABONOR
Closest Weather Station: ICN - Belleville IL

Distance, Unit: 0.5 MI

No.	Date	Amount	Unit	Type	Type Description	Interval	Unit	Min Temp	Max Temp	Temp Unit
1.	6-3-15					7	DAY	53	89	F
2.	6-5-15	0.17	IN	RAIN	rain	1	DAY			
3.	6-8-15	0.66	IN	RAIN	rain	1	DAY			
4.	6-10-15					7	DAY	64	91	F
5.	6-14-15	0.16	IN	RAIN	rain	1	DAY			
6.	6-15-15	0.11	IN	RAIN	rain	1	DAY			
7.	6-16-15	2.25	IN	RAIN	rain	1	DAY			
8.	6-17-15					7	DAY	69	91	F
9.	6-17-15	0.09	IN	RAIN	rain	1	DAY			
10.	6-18-15	0.14	IN	RAIN	rain	1	DAY			
11.	6-19-15	3.29	IN	RAIN	rain	1	DAY			
12.	6-20-15	0.2	IN	RAIN	rain	2	DAY			
13.	6-24-15					7	DAY	62	93	F
14.	6-25-15	1.66	IN	RAIN	rain	2	DAY			
15.	6-28-15	0.6	IN	RAIN	rain	2	DAY			
16.	7-1-15					7	DAY	63	88	F
17.	7-1-15	0.64	IN	RAIN	rain	2	DAY			
18.	7-7-15	1.33	IN	RAIN	rain	2	DAY			
19.	7-8-15					7	DAY	59	97	F
20.	7-10-15	0.26	IN	RAIN	rain	1	DAY			
21.	7-15-15					7	DAY	69	93	F
22.	7-19-15	0.35	IN	RAIN	rain	2	DAY			
23.	7-22-15					7	DAY	65	95	F
24.	7-26-15	1.21	IN	RAIN	rain	3	DAY			
25.	7-29-15					7	DAY	65	93	F
26.	8-5-15					7	DAY	64	88	F
27.	8-5-15	2.25	IN	RAIN	rain	1	DAY			
28.	8-9-15	0.47	IN	RAIN	rain	1	DAY			
29.	8-12-15					7	DAY	63	89	F
30.	8-18-15	2.23	IN	RAIN	rain	2	DAY			
31.	8-19-15					7	DAY	52	82	F
32.	8-22-15	0.18	IN	RAIN	rain	1	DAY			
33.	8-26-15					7	DAY	54	91	F
34.	9-2-15					7	DAY	68	94	F
35.	9-8-15	1.93	IN	RAIN	rain	2	DAY			

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
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Application Description

	A	B	C
Application Date:	7-6-15	8-4-15	8-28-15
Appl. Start Time:	10:15	10:30	9:00
Appl. Stop Time:	11:00	11:45	9:30
Application Method:	Spray	Spray	Spray
Application Timing:	3DBP	V2	V6
Application Placement:	BROFOL	BROFOL	BROFOL
Applied By:	EAE	KNW	RFK
Air Temperature, Unit:	85 F	89 F	71 F
% Relative Humidity:	80	50	81
Wind Velocity, Unit:	5 MPH	1 MPH	3 MPH
Wind Direction:	S	W	S
Dew Presence (Y/N):	N	N	Y
Soil Temperature, Unit:	77 F	78 F	70 F
Soil Moisture:	ABONOR	NORMAL	NORMAL
% Cloud Cover:	70	0	0
Next Moisture Occurred On:	7-7-15	8-5-15	9-8-15
Time to Next Moisture, Unit:	36 HR	19 HR	11 DAY

Crop Stage At Each Application

	A	B	C
Crop 1 Code, BBCH Scale:	NONE	NONE	NONE
Stage Scale Used:	DESC	DESC	DESC
Stage Majority, Percent:	NA	NA	NA

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
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Pest Stage At Each Application			
	A	B	C
Pest 1 Code, Type, Scale:	POLPY W	POLPY W	POLPY W
Stage Majority, Percent:	10+	10+	NA
Stage Minimum, Percent:	10+	10+	
Stage Maximum, Percent:	10+	10+	
Height, Unit:	10 IN	16 IN	
Height Minimum, Maximum:	8 12	10 18	
Density, Unit:	0.01 FT2	0.01 FT2	
Pest 2 Code, Type, Scale:	ERICA W	ERICA W	ERICA W
Stage Majority, Percent:	20	20	NA
Stage Minimum, Percent:	15	15	
Stage Maximum, Percent:	30	30	
Height, Unit:	10 IN	10 IN	
Height Minimum, Maximum:	6 13	10 14	
Density, Unit:	6 FT2	1 FT2	
Pest 3 Code, Type, Scale:	AMBTR W	AMBTR W	AMBTR W
Stage Majority, Percent:	NA	20	8
Stage Minimum, Percent:		15	5
Stage Maximum, Percent:		20	8
Height, Unit:		12 IN	4 IN
Height Minimum, Maximum:		10 12	1 4
Density, Unit:		0.05 FT2	0.001 FT2
Pest 4 Code, Type, Scale:	AMBEL W	AMBEL W	AMBEL W
Stage Majority, Percent:	6	8	NA
Stage Minimum, Percent:	4	6	
Stage Maximum, Percent:	8	8	
Height, Unit:	14 IN	10 IN	
Height Minimum, Maximum:	10 17	8 10	
Density, Unit:	5 FT2	1 FT2	
Pest 5 Code, Type, Scale:	SETFA W	SETFA W	SETFA W
Stage Majority, Percent:	3	NA	NA
Stage Minimum, Percent:	2		
Stage Maximum, Percent:	5		
Height, Unit:	12 IN		
Height Minimum, Maximum:	10 12		
Density, Unit:	3 FT2		
Pest 6 Code, Type, Scale:	ABUTH W	ABUTH W	ABUTH W
Stage Majority, Percent:	NA	6	6
Stage Minimum, Percent:		4	5
Stage Maximum, Percent:		6	6
Height, Unit:		4 IN	4 IN
Height Minimum, Maximum:		2 4	2 4
Density, Unit:		0.05 FT2	0.001 FT2
Pest 7 Code, Type, Scale:	AMATA W	AMATA W	AMATA W
Stage Majority, Percent:	6	20	NA
Stage Minimum, Percent:	4	10	
Stage Maximum, Percent:	10	20	
Height, Unit:	4 IN	10 IN	
Height Minimum, Maximum:	1 11	10 14	
Density, Unit:	7 FT2	2 FT2	

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	A	B	C
Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer
Equipment Type:	BACSPR	BACSPR	BACSPR
Operation Pressure, Unit:	30 PSI	30 PSI	30 PSI
Nozzle Type:	TTI	TTI	TTI
Nozzle Size:	11002	11002	11002
Boom Length, Unit:	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA

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Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	POLPY	POLPY	POLPY	POLPY	POLPY			
							7-9-15 Control Percent 0 DAPP 3 DA-A	7-23-15 Control Percent 14 DAPP 17 DA-A	8-4-15 Control Percent 26 DAPP 0 DA-B	8-18-15 Control Percent 40 DAPP 14 DA-B	9-3-15 Control Percent 56 DAPP 6 DA-C			
Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	NONTREATED									0	0	0		
2	ROUNDUP POWERMAX INDUCE ROUNDUP POWERMAX INDUCE	4.5 SL 100 SL 4.5 SL 100 SL		1 lb ae/a 0.25 % v/v 1 lb ae/a 0.25 % v/v	ae/a v/v ae/a v/v	28.4 fl oz/a 0.25 % v/v 28.4 fl oz/a 0.25 % v/v	oz/a v/v oz/a v/v	3DBP A 3DBP A V2 B V2 B	A A B B	50 d	80 a	80 a	96 a	99 a
3	ROUNDUP POWERMAX ZIDUA INDUCE ROUNDUP POWERMAX INDUCE	4.5 SL 85 WG 100 SL 4.5 SL 100 SL		1 lb ae/a 0.133 lb ai/a 0.25 % v/v 1 lb ae/a 0.25 % v/v	ae/a ai/a v/v ae/a v/v	28.4 fl oz/a 2.5 oz/a 0.25 % v/v 28.4 fl oz/a 0.25 % v/v	oz/a oz/a v/v oz/a v/v	3DBP A 3DBP A 3DBP A V2 B V2 B	A A A B B	50 d	66 a	66 a	93 a	99 a
4	ROUNDUP POWERMAX ZIDUA ENGENIA INDUCE ROUNDUP POWERMAX INDUCE	4.5 SL 85 WG 5 SL 100 SL 4.5 SL 100 SL		1 lb ae/a 0.133 lb ai/a 0.5 lb ae/a 0.25 % v/v 1 lb ae/a 0.25 % v/v	ae/a ai/a ae/a v/v ae/a v/v	28.4 fl oz/a 2.5 oz/a 12.8 fl oz/a 0.25 % v/v 28.4 fl oz/a 0.25 % v/v	oz/a oz/a oz/a v/v oz/a v/v	3DBP A 3DBP A 3DBP A 3DBP A V2 B V2 B	A A A A B B	50 d	90 a	90 a	99 a	99 a
5	ROUNDUP POWERMAX ZIDUA INDUCE ROUNDUP POWERMAX ENGENIA INDUCE	4.5 SL 85 WG 100 SL 4.5 SL 5 SL 100 SL		1 lb ae/a 0.133 lb ai/a 0.25 % v/v 1 lb ae/a 0.5 lb ae/a 0.25 % v/v	ae/a ai/a v/v ae/a ae/a v/v	28.4 fl oz/a 2.5 oz/a 0.25 % v/v 28.4 fl oz/a 12.8 fl oz/a 0.25 % v/v	oz/a oz/a v/v oz/a oz/a v/v	3DBP A 3DBP A 3DBP A V2 B V2 B V2 B	A A A B B B	50 d	57 a	57 a	99 a	99 a
6	ROUNDUP POWERMAX ZIDUA ENGENIA INDUCE ROUNDUP POWERMAX ENGENIA INDUCE	4.5 SL 85 WG 5 SL 100 SL 4.5 SL 5 SL 100 SL		1 lb ae/a 0.133 lb ai/a 0.5 lb ae/a 0.25 % v/v 1 lb ae/a 0.5 lb ae/a 0.25 % v/v	ae/a ai/a ae/a v/v ae/a ae/a v/v	28.4 fl oz/a 2.5 oz/a 12.8 fl oz/a 0.25 % v/v 28.4 fl oz/a 12.8 fl oz/a 0.25 % v/v	oz/a oz/a oz/a v/v oz/a oz/a v/v	3DBP A 3DBP A 3DBP A 3DBP A V2 B V2 B V2 B	A A A A B B B	50 d	90 a	90 a	99 a	99 a
7	ROUNDUP POWERMAX ZIDUA ENGENIA INDUCE ROUNDUP POWERMAX ENGENIA OUTLOOK INDUCE	4.5 SL 85 WG 5 SL 100 SL 4.5 SL 5 SL 6 EC 100 SL		1 lb ae/a 0.133 lb ai/a 0.5 lb ae/a 0.25 % v/v 1 lb ae/a 0.5 lb ae/a 0.75 lb ai/a 0.25 % v/v	ae/a ai/a ae/a v/v ae/a ae/a ai/a v/v	28.4 fl oz/a 2.5 oz/a 12.8 fl oz/a 0.25 % v/v 28.4 fl oz/a 12.8 fl oz/a 16 fl oz/a 0.25 % v/v	oz/a oz/a oz/a v/v oz/a oz/a oz/a v/v	3DBP A 3DBP A 3DBP A 3DBP A V2 B V2 B V2 B V2 B	A A A A B B B B	50 d	80 a	80 a	99 a	99 a
8	ROUNDUP POWERMAX SHARPEN MSO DREXEL AMS ROUNDUP POWERMAX ENGENIA OUTLOOK INDUCE	4.5 SL 2.85 SC 100 SL 100 SG 4.5 SL 5 SL 6 EC 100 SL		1 lb ae/a 0.0223 lb ai/a 1 % v/v 1.02 % w/w 1 lb ae/a 0.5 lb ae/a 0.75 lb ai/a 0.25 % v/v	ae/a ai/a v/v w/w ae/a ae/a ai/a v/v	28.4 fl oz/a 1 fl oz/a 1 % v/v 8.5 lb/100 gal 28.4 fl oz/a 12.8 fl oz/a 16 fl oz/a 0.25 % v/v	oz/a oz/a v/v gal oz/a oz/a oz/a v/v	3DBP A 3DBP A 3DBP A 3DBP A V2 B V2 B V2 B V2 B	A A A A B B B B	80 c	79 a	79 a	99 a	99 a

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.
 Could not calculate LSD (% mean diff) for columns 29,12,17,24,31,8,13,18,25,32,14,19,26 because error mean square = 0.

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							7-9-15 Control Percent 0 DAPP 3 DA-A	7-23-15 Control Percent 14 DAPP 17 DA-A	8-4-15 Control Percent 26 DAPP 0 DA-B	8-18-15 Control Percent 40 DAPP 14 DA-B	9-3-15 Control Percent 56 DAPP 6 DA-C			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
9	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	87 ab	91 a	91 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
10	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	83 bc	95 a	95 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
11	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	83 bc	94 a	94 a	99 a	99 a
	ZIDUA	85 WG		0.106 lb ai/a		2 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V6	C					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V6	C					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V6	C					
12	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 d	86 a	86 a	99 a	99 a
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
13	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	80 c	93 a	93 a	99 a	99 a
	VALOR XLT	40.3 WG				3.0 oz/a		3DBP	A					
	VALOR SX	51 WG		0.05625 lb ai/a				3DBP	A					
	CLASSIC	25 WG		0.01931 lb ai/a				3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
14	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a
	SENCOR 4	4 SC		0.25 lb ai/a		8 fl oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					

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Pest Code							POLPY	POLPY	POLPY	POLPY	POLPY		
Crop Code													
Rating Date							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15		
Rating Type							Control	Control	Control	Control	Control		
Rating Unit							Percent	Percent	Percent	Percent	Percent		
Rating Timing							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP		
Trt-Eval Interval							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
15	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a
	SENCOR 4	4	SC	0.25 lb ai/a	8 fl oz/a		3DBP	A					
	SHARPEN	2.85	SC	0.0223 lb ai/a	1 fl oz/a		3DBP	A					
	ENGENIA	5	SL	0.5 lb ae/a	12.8 fl oz/a		3DBP	A					
	MSO DREXEL	100	SL	1 % v/v	1 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		V2	B					
	ENGENIA	5	SL	0.5 lb ae/a	12.8 fl oz/a		V2	B					
	OUTLOOK	6	EC	0.75 lb ai/a	16 fl oz/a		V2	B					
	INDUCE	100	SL	0.25 % v/v	0.25 % v/v		V2	B					
16	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		3DBP	A	83 bc	96 a	96 a	96 a	99 a
	ZIDUA	85	WG	0.106 lb ai/a	2 oz/a		3DBP	A					
	PURSUIT	2	SL	0.0625 lb ai/a	4 fl oz/a		3DBP	A					
	SHARPEN	2.85	SC	0.0223 lb ai/a	1 fl oz/a		3DBP	A					
	MSO DREXEL	100	SL	1 % v/v	1 % v/v		3DBP	A					
	AMS	100	SG	1.02 % w/w	8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		V2	B					
	ENGENIA	5	SL	0.5 lb ae/a	12.8 fl oz/a		V2	B					
	OUTLOOK	6	EC	0.75 lb ai/a	16 fl oz/a		V2	B					
	INDUCE	100	SL	0.25 % v/v	0.25 % v/v		V2	B					
LSD P=.05							4.9	26.0	26.0	3.7	.		
Standard Deviation							2.9	15.5	15.5	2.2	0.0		
CV							4.24	17.98	17.98	2.25	0.0		
Replicate F							1.849	9.753	9.753	2.579	0.000		
Replicate Prob(F)							0.1761	0.0006	0.0006	0.0938	1.0000		
Treatment F							116.528	1.827	1.827	1.947	0.000		
Treatment Prob(F)							0.0001	0.0849	0.0849	0.0649	1.0000		

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Pest Code								ERICA	ERICA	ERICA	ERICA	ERICA		
Crop Code								7-9-15	7-23-15	8-4-15	8-18-15	9-3-15		
Rating Date								Control	Control	Control	Control	Control		
Rating Type								Percent	Percent	Percent	Percent	Percent		
Rating Unit								0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP		
Rating Timing								3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C		
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Rate	Unit	Growth Stage	Appl Code				
1	NONTREATED										0	0	0	
2	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			3DBP	A	50 d	17 c	17 c	33 c
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			3DBP	A				
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			V2	B				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			V2	B				
3	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			3DBP	A	50 d	50 b	50 b	72 b
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a			3DBP	A				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			3DBP	A				
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			V2	B				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			V2	B				
4	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			3DBP	A	50 d	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a			3DBP	A				
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a			3DBP	A				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			3DBP	A				
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			V2	B				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			V2	B				
5	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			3DBP	A	50 d	50 b	50 b	98 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a			3DBP	A				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			3DBP	A				
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			V2	B				
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a			V2	B				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			V2	B				
6	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			3DBP	A	50 d	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a			3DBP	A				
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a			3DBP	A				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			3DBP	A				
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			V2	B				
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a			V2	B				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			V2	B				
7	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			3DBP	A	50 d	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a			3DBP	A				
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a			3DBP	A				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			3DBP	A				
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			V2	B				
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a			V2	B				
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a			V2	B				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			V2	B				
8	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			3DBP	A	80 c	99 a	99 a	99 a
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a			3DBP	A				
	MSO DREXEL	100 SL		1 % v/v		1 % v/v			3DBP	A				
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal			3DBP	A				
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a			V2	B				
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a			V2	B				
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a			V2	B				
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v			V2	B				

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Pest Code							ERICA	ERICA	ERICA	ERICA	ERICA			
Crop Code							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15			
Rating Date							Control	Control	Control	Control	Control			
Rating Type							Percent	Percent	Percent	Percent	Percent			
Rating Unit							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP			
Rating Timing							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C			
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
9	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	87 ab	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
10	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	83 bc	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
11	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	83 bc	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.106 lb ai/a		2 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V6	C					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V6	C					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V6	C					
12	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 d	99 a	99 a	99 a	99 a
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
13	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	80 c	99 a	99 a	99 a	99 a
	VALOR XLT	40.3 WG				3.0 oz/a		3DBP	A					
	VALOR SX	51 WG		0.05625 lb ai/a				3DBP	A					
	CLASSIC	25 WG		0.01931 lb ai/a				3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
14	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a
	SENCOR 4	4 SC		0.25 lb ai/a		8 fl oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code							ERICA	ERICA	ERICA	ERICA	ERICA		
Crop Code													
Rating Date							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15		
Rating Type							Control	Control	Control	Control	Control		
Rating Unit							Percent	Percent	Percent	Percent	Percent		
Rating Timing							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP		
Trt-Eval Interval							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
15	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a
	SENCOR 4	4	SC	0.25 lb ai/a	8 fl oz/a		3DBP	A					
	SHARPEN	2.85	SC	0.0223 lb ai/a	1 fl oz/a		3DBP	A					
	ENGENIA	5	SL	0.5 lb ae/a	12.8 fl oz/a		3DBP	A					
	MSO DREXEL	100	SL	1 % v/v	1 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		V2	B					
	ENGENIA	5	SL	0.5 lb ae/a	12.8 fl oz/a		V2	B					
	OUTLOOK	6	EC	0.75 lb ai/a	16 fl oz/a		V2	B					
	INDUCE	100	SL	0.25 % v/v	0.25 % v/v		V2	B					
16	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		3DBP	A	83 bc	99 a	99 a	99 a	99 a
	ZIDUA	85	WG	0.106 lb ai/a	2 oz/a		3DBP	A					
	PURSUIT	2	SL	0.0625 lb ai/a	4 fl oz/a		3DBP	A					
	SHARPEN	2.85	SC	0.0223 lb ai/a	1 fl oz/a		3DBP	A					
	MSO DREXEL	100	SL	1 % v/v	1 % v/v		3DBP	A					
	AMS	100	SG	1.02 % w/w	8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		V2	B					
	ENGENIA	5	SL	0.5 lb ae/a	12.8 fl oz/a		V2	B					
	OUTLOOK	6	EC	0.75 lb ai/a	16 fl oz/a		V2	B					
	INDUCE	100	SL	0.25 % v/v	0.25 % v/v		V2	B					
LSD P=.05							4.9	12.5	12.5	15.2	15.2		
Standard Deviation							2.9	7.5	7.5	9.1	9.1		
CV							4.24	8.57	8.57	9.8	9.79		
Replicate F							1.849	1.000	1.000	0.493	0.424		
Replicate Prob(F)							0.1761	0.3806	0.3806	0.6162	0.6588		
Treatment F							116.528	36.306	36.306	11.591	11.626		
Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001	0.0001		

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR			
							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15			
							Control	Control	Control	Control	Control			
							Percent	Percent	Percent	Percent	Percent			
							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP			
							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C			
Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	NONTREATED									0	0	0	0	0
2	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 d	99 a	99 a	99 a	99 a
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
3	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 d	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP A						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
4	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 d	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP A						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP A						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
5	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 d	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP A						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
6	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 d	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP A						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP A						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
7	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 d	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP A						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP A						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2 B						
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
8	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		80 c	99 a	99 a	99 a	99 a
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP A						
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP A						
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2 B						
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	AMBTR	AMBTR	AMBTR	AMBTR	AMBTR			
							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15			
							Control	Control	Control	Control	Control			
							Percent	Percent	Percent	Percent	Percent			
							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP			
							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
9	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	87 ab	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
10	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	83 bc	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
11	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	83 bc	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.106 lb ai/a		2 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V6	C					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V6	C					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V6	C					
12	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 d	99 a	99 a	99 a	99 a
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
13	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	80 c	99 a	99 a	99 a	99 a
	VALOR XLT	40.3 WG				3.0 oz/a		3DBP	A					
	VALOR SX	51 WG		0.05625 lb ai/a				3DBP	A					
	CLASSIC	25 WG		0.01931 lb ai/a				3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
14	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a
	SENCOR 4	4 SC		0.25 lb ai/a		8 fl oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code							AMBTR	AMBTR	AMBTR	AMBTR	AMBTR				
Crop Code							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15				
Rating Date							Control	Control	Control	Control	Control				
Rating Type							Percent	Percent	Percent	Percent	Percent				
Rating Unit							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP				
Rating Timing							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C				
Trt-Eval Interval															
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
15	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a	
	SENCOR 4	4	SC	0.25 lb ai/a		8 fl oz/a		3DBP	A						
	SHARPEN	2.85	SC	0.0223 lb ai/a		1 fl oz/a		3DBP	A						
	ENGENIA	5	SL	0.5 lb ae/a		12.8 fl oz/a		3DBP	A						
	MSO DREXEL	100	SL	1 % v/v		1 % v/v		3DBP	A						
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		V2	B						
	ENGENIA	5	SL	0.5 lb ae/a		12.8 fl oz/a		V2	B						
	OUTLOOK	6	EC	0.75 lb ai/a		16 fl oz/a		V2	B						
	INDUCE	100	SL	0.25 % v/v		0.25 % v/v		V2	B						
16	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		3DBP	A	83 bc	99 a	99 a	99 a	99 a	
	ZIDUA	85	WG	0.106 lb ai/a		2 oz/a		3DBP	A						
	PURSUIT	2	SL	0.0625 lb ai/a		4 fl oz/a		3DBP	A						
	SHARPEN	2.85	SC	0.0223 lb ai/a		1 fl oz/a		3DBP	A						
	MSO DREXEL	100	SL	1 % v/v		1 % v/v		3DBP	A						
	AMS	100	SG	1.02 % w/w		8.5 lb/100 gal		3DBP	A						
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		V2	B						
	ENGENIA	5	SL	0.5 lb ae/a		12.8 fl oz/a		V2	B						
	OUTLOOK	6	EC	0.75 lb ai/a		16 fl oz/a		V2	B						
	INDUCE	100	SL	0.25 % v/v		0.25 % v/v		V2	B						
LSD P=.05							4.9	.	.	.					
Standard Deviation							2.9	0.0	0.0	0.0	0.0				
CV							4.24	0.0	0.0	0.0	0.0				
Replicate F							1.849	0.000	0.000	0.000	0.000				
Replicate Prob(F)							0.1761	1.0000	1.0000	1.0000	1.0000				
Treatment F							116.528	0.000	0.000	0.000	0.000				
Treatment Prob(F)							0.0001	1.0000	1.0000	1.0000	1.0000				

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	AMBEL	AMBEL	AMBEL	AMBEL	AMBEL			
							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15			
							Control	Control	Control	Control	Control			
							Percent	Percent	Percent	Percent	Percent			
							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP			
							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C			
Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	NONTREATED									0	0	0	0	0
2	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 b	99 a	99 a	99 a	99 a
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
3	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 b	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP A						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
4	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 b	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP A						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP A						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
5	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 b	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP A						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
6	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 b	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP A						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP A						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
7	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		50 b	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP A						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP A						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2 B						
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						
8	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP A		90 a	99 a	99 a	99 a	99 a
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP A						
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP A						
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP A						
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2 B						
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2 B						
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2 B						
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2 B						

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	AMBEL	AMBEL	AMBEL	AMBEL	AMBEL			
							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15			
							Control	Control	Control	Control	Control			
							Percent	Percent	Percent	Percent	Percent			
							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP			
							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
9	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
10	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
11	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.106 lb ai/a		2 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V6	C					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V6	C					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V6	C					
12	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 b	99 a	99 a	99 a	99 a
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
13	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a
	VALOR XLT	40.3 WG				3.0 oz/a		3DBP	A					
	VALOR SX	51 WG		0.05625 lb ai/a				3DBP	A					
	CLASSIC	25 WG		0.01931 lb ai/a				3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
14	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a	99 a	99 a	99 a	99 a
	SENCOR 4	4 SC		0.25 lb ai/a		8 fl oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code						AMBEL	AMBEL	AMBEL	AMBEL	AMBEL
Crop Code						7-9-15	7-23-15	8-4-15	8-18-15	9-3-15
Rating Date						Control	Control	Control	Control	Control
Rating Type						Percent	Percent	Percent	Percent	Percent
Rating Unit						0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP
Rating Timing						3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C
Trt-Eval Interval										
Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	
15	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a
	SENCOR 4	4	SC	0.25 lb ai/a		8 fl oz/a		3DBP	A	99 a
	SHARPEN	2.85	SC	0.0223 lb ai/a		1 fl oz/a		3DBP	A	99 a
	ENGENIA	5	SL	0.5 lb ae/a		12.8 fl oz/a		3DBP	A	99 a
	MSO DREXEL	100	SL	1 % v/v		1 % v/v		3DBP	A	99 a
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		V2	B	99 a
	ENGENIA	5	SL	0.5 lb ae/a		12.8 fl oz/a		V2	B	99 a
	OUTLOOK	6	EC	0.75 lb ai/a		16 fl oz/a		V2	B	99 a
	INDUCE	100	SL	0.25 % v/v		0.25 % v/v		V2	B	99 a
16	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		3DBP	A	90 a
	ZIDUA	85	WG	0.106 lb ai/a		2 oz/a		3DBP	A	99 a
	PURSUIT	2	SL	0.0625 lb ai/a		4 fl oz/a		3DBP	A	99 a
	SHARPEN	2.85	SC	0.0223 lb ai/a		1 fl oz/a		3DBP	A	99 a
	MSO DREXEL	100	SL	1 % v/v		1 % v/v		3DBP	A	99 a
	AMS	100	SG	1.02 % w/w		8.5 lb/100 gal		3DBP	A	99 a
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		V2	B	99 a
	ENGENIA	5	SL	0.5 lb ae/a		12.8 fl oz/a		V2	B	99 a
	OUTLOOK	6	EC	0.75 lb ai/a		16 fl oz/a		V2	B	99 a
	INDUCE	100	SL	0.25 % v/v		0.25 % v/v		V2	B	99 a
LSD P=.05						0.0	0.0	0.0	0.0	0.0
Standard Deviation						0.0	0.0	0.0	0.0	0.0
CV						0.0	0.0	0.0	0.0	0.0
Replicate F						0.000	0.000	0.000	0.000	0.000
Replicate Prob(F)						1.0000	1.0000	1.0000	1.0000	1.0000
Treatment F						0.000	0.000	0.000	0.000	0.000
Treatment Prob(F)						1.0000	1.0000	1.0000	1.0000	1.0000

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	SETFA	SETFA	SETFA	SETFA	SETFA			
							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15			
							Control	Control	Control	Control	Control			
							Percent	Percent	Percent	Percent	Percent			
							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP			
							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C			
Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	NONTREATED									0	0	0	0	0
2	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
3	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
4	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
5	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
6	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
7	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	33 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
8	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	SETFA	SETFA	SETFA	SETFA	SETFA			
							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15			
							Control	Control	Control	Control	Control			
							Percent	Percent	Percent	Percent	Percent			
							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP			
							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
9	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
10	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
11	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	ZIDUA	85 WG		0.106 lb ai/a		2 oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V6	C					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V6	C					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V6	C					
12	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
13	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	VALOR XLT	40.3 WG				3.0 oz/a		3DBP	A					
	VALOR SX	51 WG		0.05625 lb ai/a				3DBP	A					
	CLASSIC	25 WG		0.01931 lb ai/a				3DBP	A					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					
14	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a
	SENCOR 4	4 SC		0.25 lb ai/a		8 fl oz/a		3DBP	A					
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A					
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A					
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A					
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B					
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B					
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B					
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B					

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code							SETFA	SETFA	SETFA	SETFA	SETFA				
Crop Code							7-9-15	7-23-15	8-4-15	8-18-15	9-3-15				
Rating Date							Control	Control	Control	Control	Control				
Rating Type							Percent	Percent	Percent	Percent	Percent				
Rating Unit							0 DAPP	14 DAPP	26 DAPP	40 DAPP	56 DAPP				
Rating Timing							3 DA-A	17 DA-A	0 DA-B	14 DA-B	6 DA-C				
Trt-Eval Interval															
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
15	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a	
	SENCOR 4	4	SC	0.25 lb ai/a		8 fl oz/a		3DBP	A						
	SHARPEN	2.85	SC	0.0223 lb ai/a		1 fl oz/a		3DBP	A						
	ENGENIA	5	SL	0.5 lb ae/a		12.8 fl oz/a		3DBP	A						
	MSO DREXEL	100	SL	1 % v/v		1 % v/v		3DBP	A						
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		V2	B						
	ENGENIA	5	SL	0.5 lb ae/a		12.8 fl oz/a		V2	B						
	OUTLOOK	6	EC	0.75 lb ai/a		16 fl oz/a		V2	B						
	INDUCE	100	SL	0.25 % v/v		0.25 % v/v		V2	B						
16	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		3DBP	A	50 a	99 a	99 a	99 a	99 a	
	ZIDUA	85	WG	0.106 lb ai/a		2 oz/a		3DBP	A						
	PURSUIT	2	SL	0.0625 lb ai/a		4 fl oz/a		3DBP	A						
	SHARPEN	2.85	SC	0.0223 lb ai/a		1 fl oz/a		3DBP	A						
	MSO DREXEL	100	SL	1 % v/v		1 % v/v		3DBP	A						
	AMS	100	SG	1.02 % w/w		8.5 lb/100 gal		3DBP	A						
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a		28.4 fl oz/a		V2	B						
	ENGENIA	5	SL	0.5 lb ae/a		12.8 fl oz/a		V2	B						
	OUTLOOK	6	EC	0.75 lb ai/a		16 fl oz/a		V2	B						
	INDUCE	100	SL	0.25 % v/v		0.25 % v/v		V2	B						
LSD P=.05							12.5	.	.	.				0.2	
Standard Deviation							7.5	0.0	0.0	0.0					0.1
CV							15.25	0.0	0.0	0.0					0.15
Replicate F							1.000	0.000	0.000	0.000					1.000
Replicate Prob(F)							0.3806	1.0000	1.0000	1.0000					0.3806
Treatment F							1.000	0.000	0.000	0.000					1.000
Treatment Prob(F)							0.4793	1.0000	1.0000	1.0000					0.4793

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	ABUTH	ABUTH	ABUTH	AMATA	AMATA	AMATA
							8-4-15 Control Percent 26 DAPP 0 DA-B	8-18-15 Control Percent 40 DAPP 14 DA-B	9-3-15 Control Percent 56 DAPP 6 DA-C	8-4-15 Control Percent 26 DAPP 0 DA-B	8-18-15 Control Percent 40 DAPP 14 DA-B	9-3-15 Control Percent 56 DAPP 6 DA-C
Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
1	NONTREATED									0	0	0
2	ROUNDUP POWERMAX INDUCE	4.5 SL 100 SL		1 lb ae/a 0.25 % v/v	ae/a v/v	28.4 fl oz/a 0.25 % v/v	oz/a v/v	3DBP 3DBP	A A	0 d	96 a	90 c
	ROUNDUP POWERMAX INDUCE	4.5 SL 100 SL		1 lb ae/a 0.25 % v/v	ae/a v/v	28.4 fl oz/a 0.25 % v/v	oz/a v/v	V2 V2	B B			88 b 87 b
3	ROUNDUP POWERMAX ZIDUA INDUCE	4.5 SL 85 WG 100 SL		1 lb ae/a 0.133 lb ai/a 0.25 % v/v	ae/a ai/a v/v	28.4 fl oz/a 2.5 oz/a 0.25 % v/v	oz/a oz/a v/v	3DBP 3DBP 3DBP	A A A	27 cd	96 a	90 c
	ROUNDUP POWERMAX INDUCE	4.5 SL 100 SL		1 lb ae/a 0.25 % v/v	ae/a v/v	28.4 fl oz/a 0.25 % v/v	oz/a v/v	V2 V2	B B			90 d 92 b 90 b
4	ROUNDUP POWERMAX ZIDUA ENGENIA INDUCE	4.5 SL 85 WG 5 SL 100 SL		1 lb ae/a 0.133 lb ai/a 0.5 lb ae/a 0.25 % v/v	ae/a ai/a ae/a v/v	28.4 fl oz/a 2.5 oz/a 12.8 fl oz/a 0.25 % v/v	oz/a oz/a oz/a v/v	3DBP 3DBP 3DBP 3DBP	A A A A	90 ab	99 a	90 c
	ROUNDUP POWERMAX INDUCE	4.5 SL 100 SL		1 lb ae/a 0.25 % v/v	ae/a v/v	28.4 fl oz/a 0.25 % v/v	oz/a v/v	V2 V2	B B			99 a 99 a 97 a
5	ROUNDUP POWERMAX ZIDUA INDUCE	4.5 SL 85 WG 100 SL		1 lb ae/a 0.133 lb ai/a 0.25 % v/v	ae/a ai/a v/v	28.4 fl oz/a 2.5 oz/a 0.25 % v/v	oz/a oz/a v/v	3DBP 3DBP 3DBP	A A A	80 ab	99 a	90 c
	ROUNDUP POWERMAX ENGENIA INDUCE	4.5 SL 5 SL 100 SL		1 lb ae/a 0.5 lb ae/a 0.25 % v/v	ae/a ae/a v/v	28.4 fl oz/a 12.8 fl oz/a 0.25 % v/v	oz/a oz/a v/v	V2 V2 V2	B B B			99 a 99 a 97 a
6	ROUNDUP POWERMAX ZIDUA ENGENIA INDUCE	4.5 SL 85 WG 5 SL 100 SL		1 lb ae/a 0.133 lb ai/a 0.5 lb ae/a 0.25 % v/v	ae/a ai/a ae/a v/v	28.4 fl oz/a 2.5 oz/a 12.8 fl oz/a 0.25 % v/v	oz/a oz/a oz/a v/v	3DBP 3DBP 3DBP 3DBP	A A A A	95 ab	99 a	96 ab
	ROUNDUP POWERMAX ENGENIA INDUCE	4.5 SL 5 SL 100 SL		1 lb ae/a 0.5 lb ae/a 0.25 % v/v	ae/a ae/a v/v	28.4 fl oz/a 12.8 fl oz/a 0.25 % v/v	oz/a oz/a v/v	V2 V2 V2	B B B			99 a 99 a 99 a
7	ROUNDUP POWERMAX ZIDUA ENGENIA INDUCE	4.5 SL 85 WG 5 SL 100 SL		1 lb ae/a 0.133 lb ai/a 0.5 lb ae/a 0.25 % v/v	ae/a ai/a ae/a v/v	28.4 fl oz/a 2.5 oz/a 12.8 fl oz/a 0.25 % v/v	oz/a oz/a oz/a v/v	3DBP 3DBP 3DBP 3DBP	A A A A	91 ab	99 a	98 a
	ROUNDUP POWERMAX ENGENIA OUTLOOK INDUCE	4.5 SL 5 SL 6 EC 100 SL		1 lb ae/a 0.5 lb ae/a 0.75 lb ai/a 0.25 % v/v	ae/a ae/a ai/a v/v	28.4 fl oz/a 12.8 fl oz/a 16 fl oz/a 0.25 % v/v	oz/a oz/a oz/a v/v	V2 V2 V2 V2	B B B B			99 a 99 a 99 a 99 a
8	ROUNDUP POWERMAX SHARPEN MSO DREXEL AMS	4.5 SL 2.85 SC 100 SL 100 SG		1 lb ae/a 0.0223 lb ai/a 1 % v/v 1.02 % w/w	ae/a ai/a v/v w/w	28.4 fl oz/a 1 fl oz/a 1 % v/v 8.5 lb/100 gal	oz/a oz/a v/v gal	3DBP 3DBP 3DBP 3DBP	A A A A	62 abc	99 a	94 b
	ROUNDUP POWERMAX ENGENIA OUTLOOK INDUCE	4.5 SL 5 SL 6 EC 100 SL		1 lb ae/a 0.5 lb ae/a 0.75 lb ai/a 0.25 % v/v	ae/a ae/a ai/a v/v	28.4 fl oz/a 12.8 fl oz/a 16 fl oz/a 0.25 % v/v	oz/a oz/a oz/a v/v	V2 V2 V2 V2	B B B B			94 c 99 a 99 a 99 a

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	ABUTH	ABUTH	ABUTH	AMATA	AMATA	AMATA
							8-4-15 Control Percent 26 DAPP 0 DA-B	8-18-15 Control Percent 40 DAPP 14 DA-B	9-3-15 Control Percent 56 DAPP 6 DA-C	8-4-15 Control Percent 26 DAPP 0 DA-B	8-18-15 Control Percent 40 DAPP 14 DA-B	9-3-15 Control Percent 56 DAPP 6 DA-C
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
9	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	99 ab	99 a	96 ab
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A			
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A			
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A			
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A			
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B			
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B			
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B			
10	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	99 ab	99 a	99 a
	ZIDUA	85 WG		0.133 lb ai/a		2.5 oz/a		3DBP	A			
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A			
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A			
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A			
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B			
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B			
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B			
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B			
11	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	96 ab	99 a	99 a
	ZIDUA	85 WG		0.106 lb ai/a		2 oz/a		3DBP	A			
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A			
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A			
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A			
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B			
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B			
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B			
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B			
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V6	C			
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V6	C			
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V6	C			
12	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	0 d	99 a	98 ab
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		3DBP	A			
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A			
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A			
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B			
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B			
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B			
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B			
13	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	99 a	99 a	98 a
	VALOR XLT	40.3 WG				3.0 oz/a		3DBP	A			
	VALOR SX	51 WG		0.05625 lb ai/a				3DBP	A			
	CLASSIC	25 WG		0.01931 lb ai/a				3DBP	A			
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		3DBP	A			
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		3DBP	A			
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B			
	WARRANT	3 CS		1.13 lb ai/a		48 fl oz/a		V2	B			
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B			
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B			
14	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		3DBP	A	60 bc	99 a	98 a
	SENCOR 4	4 SC		0.25 lb ai/a		8 fl oz/a		3DBP	A			
	SHARPEN	2.85 SC		0.0223 lb ai/a		1 fl oz/a		3DBP	A			
	MSO DREXEL	100 SL		1 % v/v		1 % v/v		3DBP	A			
	AMS	100 SG		1.02 % w/w		8.5 lb/100 gal		3DBP	A			
	ROUNDUP POWERMAX	4.5 SL		1 lb ae/a		28.4 fl oz/a		V2	B			
	ENGENIA	5 SL		0.5 lb ae/a		12.8 fl oz/a		V2	B			
	OUTLOOK	6 EC		0.75 lb ai/a		16 fl oz/a		V2	B			
	INDUCE	100 SL		0.25 % v/v		0.25 % v/v		V2	B			

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code							ABUTH	ABUTH	ABUTH	AMATA	AMATA	AMATA		
Crop Code							8-4-15	8-18-15	9-3-15	8-4-15	8-18-15	9-3-15		
Rating Date							Control	Control	Control	Control	Control	Control		
Rating Type							Percent	Percent	Percent	Percent	Percent	Percent		
Rating Unit							26 DAPP	40 DAPP	56 DAPP	26 DAPP	40 DAPP	56 DAPP		
Rating Timing							0 DA-B	14 DA-B	6 DA-C	0 DA-B	14 DA-B	6 DA-C		
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
15	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		3DBP	A	85 ab	99 a	99 a	98 ab	99 a	99 a
	SENCOR 4	4	SC	0.25 lb ai/a	8 fl oz/a		3DBP	A						
	SHARPEN	2.85	SC	0.0223 lb ai/a	1 fl oz/a		3DBP	A						
	ENGENIA	5	SL	0.5 lb ae/a	12.8 fl oz/a		3DBP	A						
	MSO DREXEL	100	SL	1 % v/v	1 % v/v		3DBP	A						
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		V2	B						
	ENGENIA	5	SL	0.5 lb ae/a	12.8 fl oz/a		V2	B						
	OUTLOOK	6	EC	0.75 lb ai/a	16 fl oz/a		V2	B						
	INDUCE	100	SL	0.25 % v/v	0.25 % v/v		V2	B						
16	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		3DBP	A	99 a	99 a	99 a	99 a	99 a	99 a
	ZIDUA	85	WG	0.106 lb ai/a	2 oz/a		3DBP	A						
	PURSUIT	2	SL	0.0625 lb ai/a	4 fl oz/a		3DBP	A						
	SHARPEN	2.85	SC	0.0223 lb ai/a	1 fl oz/a		3DBP	A						
	MSO DREXEL	100	SL	1 % v/v	1 % v/v		3DBP	A						
	AMS	100	SG	1.02 % w/w	8.5 lb/100 gal		3DBP	A						
	ROUNDUP POWERMAX	4.5	SL	1 lb ae/a	28.4 fl oz/a		V2	B						
	ENGENIA	5	SL	0.5 lb ae/a	12.8 fl oz/a		V2	B						
	OUTLOOK	6	EC	0.75 lb ai/a	16 fl oz/a		V2	B						
	INDUCE	100	SL	0.25 % v/v	0.25 % v/v		V2	B						
LSD P=.05							39.2	3.1	3.7	2.9	3.6	3.6		
Standard Deviation							23.4	1.8	2.2	1.8	2.2	2.2		
CV							32.53	1.85	2.33	1.93	2.2	2.22		
Replicate F							0.485	2.154	0.220	3.012	1.513	0.633		
Replicate Prob(F)							0.6210	0.1349	0.8038	0.0653	0.2377	0.5385		
Treatment F							6.864	1.000	8.548	624.087	6.668	8.827		
Treatment Prob(F)							0.0001	0.4793	0.0001	0.0001	0.0001	0.0001		

Weed Control in Dicamba Tolerant Double-Crop Soybeans.

Trial ID: 15-5B Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Trial Comments

1. Protocol: BASF (DEV-H-2015-US-D06-B-01).
2. Ratings:
CI (overall) at 14, 28, and 42-56 DAP.
WC at 0, 14, 28, and 42-56 DAP.
3. No yield (crop destruct).
4. Application timings:
3DBP = 3 days before soybean planting.
V2 = Soybean stage V2 and 4 inch weeds.
V6 = Soybean stage V6 and 4 inch weeds.
Avoid making applications B and C to plots with no emerged weeds.
Application B (V2) can be split into -1 and -2 based on weed size if needed.
5. Soil sample should be sent to Midwest Labs for basic soil test S1A.
6. Assess percent residue cover (overall) at planting and record here.
Overall residue cover from harvested wheat was about 30%.
Cut wheat stalks remained mostly upright.
7. Photos.
8. Soybean crop was not planted due to wet soil conditions, trial was conducted as non-crop.
DAPP = Days after planned planting.
9. Rainfall following the 3DBP application was 1.33 inch over 2 days beginning 36 hours later.
Rainfall following the V2 application was 2.25 inch over 1 day beginning 19 hours later.
Rainfall following the V6 application was 1.93 inch over 2 days beginning 11 days later.
10. For ABUTH at 56 DAPP, lack of control was new emergence.
11. Not harvested, not planted.