

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt Location: Western Branch F-10 W Trial Year: 2016
 Protocol ID: 16DCPRRXnt Investigator: Dr. Mark M. Loux
 Project ID: USA-16-130 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

General Trial Information

Study Director: Anthony Dobbels
Investigator: Dr. Mark M. Loux

Trial Location

City: South Charleston **Country:** USA United States
State/Prov.: Ohio
Postal Code: 45368 **Climate Zone:** USWARM US Warm Continental

Latitude of LL Corner °: 39.85864 N
Longitude of LL Corner °: 83.67107 W
Altitude of LL Corner, Unit: 1088.00 FT

Conducted Under GLP: No
Conducted Under GEP: No

Contacts

Study Director: Anthony Dobbels
Investigator: Dr. Mark M. Loux

Pest Description

Pest 1 Type: W **Code:** ERICA *Conyza canadensis*
Common Name: Canada horseweed

Pest 2 Type: W **Code:** LAMPU *Lamium purpureum*
Common Name: Purple deadnettel

Pest 3 Type: W **Code:** LAMAM *Lamium amplexicaule*
Common Name: Henbit

Pest 4 Type: W **Code:** ERYRE *Erysimum repandum*
Common Name: Bushy wallflower

Pest 5 Type: W **Code:** TAROF *Taraxacum officinale*
Common Name: Common dandelion

Pest 6 Type: W **Code:** VERAR *Veronica arvensis*
Common Name: Corn speedwell

Pest 7 Type: W **Code:** AMBTR *Ambrosia trifida*
Common Name: Giant ragweed

Pest 8 Type: W **Code:** SETFA *Setaria faberi*
Common Name: Giant foxtail

Site and Design

Treated Plot Width: 6.67 FT **Site Type:** FIELD field
Treated Plot Length: 30 FT **Site Type:** FIELD field
Treated Plot Area: 200.1 FT² **Experimental Unit:** 1 PLOT plot
Replications: 3 **Treatments:** 10 **Tillage Type:** NOTILL no-till
Study Design: RACOB L Randomized Complete Block (RCB)

No. Previous Crop Year
 1. Soybean 2015

Soil Description

Description Name: F-10 West
% OM: 1.6 **Texture:** SIC silty clay
pH: 6.6 **Soil Name:** Crosby
CEC: 9 **Fert. Level:** G good
Soil Drainage: G good

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Application Description

	A	B
Application Date:	4-14-2016	5-27-2016
Appl. Start Time:	9:45 AM	10:00 AM
Appl. Stop Time:	10:00 AM	10:15 AM
Application Method:	SPRAY	SPRAY
Application Timing:	14 EPP	POST
Application Placement:	BROFOL	BROFOL
Applied By:	Ackley	Dobbels
Air Temperature, Unit:	48 F	85 F
% Relative Humidity:	53	50
Wind Velocity, Unit:	7 MPH	8 MPH
Wind Direction:	NNE	S
Dew Presence (Y/N):	N no	N no
Soil Temperature, Unit:	40 F	67 F
Soil Moisture:	NORMAL	NORMAL
% Cloud Cover:	3	1
Next Moisture Occurred On:	4-21-2016	5-29-2016
Time to Next Moisture, Unit:	7 DAY	2 DAY

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Pest Stage At Each Application

	A	B
Pest 1 Code, Type, Scale:	ERICA W	ERICA W
Stage Majority, Percent:	19 100	19 100
Diameter, Unit:	2 IN	
Height, Unit:	1 IN	2 IN
Height Minimum, Maximum:	0.5 1	1 3
Density, Unit:	21.3 M2	5 M2
Pest 2 Code, Type, Scale:	LAMPU W	LAMPU W
Stage Majority, Percent:	69 100	
Diameter, Unit:	6 IN	
Height, Unit:	4 IN	
Height Minimum, Maximum:	4 6	
Density, Unit:	9.3 M2	
Pest 3 Code, Type, Scale:	LAMAM W	LAMAM W
Stage Majority, Percent:	69 100	
Diameter, Unit:	6 IN	
Height, Unit:	4 IN	
Height Minimum, Maximum:	4 6	
Density, Unit:	2.6 M2	
Pest 4 Code, Type, Scale:	ERYRE W	ERYRE W
Stage Majority, Percent:	51 90	
Stage Minimum, Percent:	50 10	
Stage Maximum, Percent:	51 90	
Diameter, Unit:	6 IN	
Height, Unit:	10 IN	
Height Minimum, Maximum:	8 12	
Density, Unit:	9.3 M2	
Pest 5 Code, Type, Scale:	TAROF W	TAROF W
Stage Majority, Percent:	63 80	
Stage Minimum, Percent:	60 20	
Stage Maximum, Percent:	63 80	
Diameter, Unit:	6 IN	
Height, Unit:	1 IN	
Height Minimum, Maximum:	0.5 1	
Density, Unit:	2.6 M2	
Pest 6 Code, Type, Scale:	VERAR W	VERAR W
Stage Majority, Percent:	69 100	
Diameter, Unit:	7 IN	
Height, Unit:	1 IN	
Height Minimum, Maximum:	0.5 1	
Density, Unit:	1.3 M2	
Pest 7 Code, Type, Scale:	AMBTR W	AMBTR W
Stage Majority, Percent:	10 90	14 100
Stage Minimum, Percent:	10 90	
Stage Maximum, Percent:	11 10	
Diameter, Unit:	2 IN	
Height, Unit:	1 IN	4 IN
Height Minimum, Maximum:	0.5 1	2 5
Density, Unit:	10.6 M2	4 M2
Pest 8 Code, Type, Scale:	SETFA W	SETFA W
Stage Majority, Percent:		12 100
Height, Unit:		2 IN
Height Minimum, Maximum:		1 3
Density, Unit:		186 M2

Application Equipment

	A	B
Appl. Equipment:	6 FOOT BOOM	6 Foot TTI
Equipment Type:	SPRBAC	SPRBAC
Operation Pressure, Unit:	46 PSI	46 PSI
Nozzle Type:	TTI	TTI
Nozzle Size:	110015	110015
Nozzle Spacing, Unit:	18 IN	18 IN
Boom Length, Unit:	10 FT	10 FT
Boom Height, Unit:	20 IN	20 IN
Ground Speed, Unit:	3 MPH	3 MPH
Carrier:	WATER	WATER
Spray Volume, Unit:	15 GPA	15 GPA
Mix Size, Unit:	1 Liters	1 Liters
Propellant:	CO2	CO2

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Pest Type	W Weed	W Weed	W Weed
Pest Code	LAMPU	ERYRE	ERICA
Pest Scientific Name	Lamium purpure>	Erysimum Conyza canadens>	
Pest Name	Purple deadnet>	Bushy wallflow>	Canada horsewe>
Rating Date	4-27-2016	4-27-2016	4-27-2016
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
SE Group No.	1	2	3
Days After First/Last Applic.	13 13	13 13	13 13
Trt-Eval Interval	13 DA-A	13 DA-A	13 DA-A
Number of Decimals	0	0	0

Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Rate	Other Unit	Appl Code	1*	2*	3*
1	Trivence 8 oz					8 oz/a	A	78 ab	67 cd	63 b
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
2	Trivence 8 oz					8 oz/a	A	80 ab	67 cd	63 b
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Cinch D1691	7 LBA/GAL		0.875 lb ai/a	1 pt/a		B			
	Cinch D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
3	Envive					3.5 oz/a	A	57 cd	72 bc	57 bc
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
4	Envive					3.5 oz/a	A	47 d	62 d	53 c
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Cinch D1691	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		B			
	Cinch D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
5	Envive					3.5 oz/a	A	50 d	72 bc	60 bc
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B			

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Due to missing data, larger LSD values (col. 1: >=14.4 and <=16.2) are used for mean comparisons of treatment pairs with missing data.
 * Adjusted means
 Could not calculate LSD (% mean diff) for columns 10,13 because error mean square = 0.

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Pest Code	LAMPU	ERYRE	ERICA
Pest Scientific Name	Lamium purpure>	Erysimum Conyza canadens>	
Pest Name	Purple deadnet>	Bushy wallflow>	Canada horsewe>
Rating Date	4-27-2016	4-27-2016	4-27-2016
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
SE Group No.	1	2	3
Days After First/Last Applic.	13 13	13 13	13 13
Trt-Eval Interval	13 DA-A	13 DA-A	13 DA-A
Number of Decimals	0	0	0

Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Rate	Other Rate	Appl Unit	Code	1*	2*	3*
6	Canopy Blend				7.5 oz/a		A		67 bc	50 e	57 bc
	Chlorimuron	25 %AW/W		0.62 oz ai/a	2.48 oz/a		A				
	Metribuzin	75 %AW/W		3.75 oz ai/a	5 oz/a		A				
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B				
7	Canopy Blend				7.5 oz/a		A		73 b	50 e	60 bc
	Chlorimuron	25 %AW/W		0.62 oz ai/a	2.48 oz/a		A				
	Metribuzin	75 %AW/W		3.75 oz ai/a	5 oz/a		A				
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		B				
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B				
8	Trivence 8 oz				8 oz/a		A		92 a	80 b	57 bc
	Flumioxazin	51 %AW/W		1.02 oz ai/a	2 oz/a		A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A				
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a	1 pt/a		A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B				
9	Verdict				5 oz/a		A		68 bc	97 a	93 a
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a	1 pt/a		A				
	MSO	100 %		1 % v/v	1 % v/v		A				
	N PAK AMS	100 %		5 % v/v	5 % v/v		A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B				
10	Untreated Check								0 e	0 f	0 d
	LSD P=.05								14.4	9.9	9.0
	Standard Deviation								8.3	5.7	5.2
	CV								13.92	9.35	9.31
	Bartlett's X2								8.397	4.413	1.897
	P(Bartlett's X2)								0.21	0.492	0.929
	Skewness								-1.197*	-1.2356*	-1.1754*
	Kurtosis								1.2975	1.7893*	2.7121*
	Replicate F								4.466	2.345	4.030
	Replicate Prob(F)								0.0276	0.1245	0.0358
	Treatment F								27.726	59.353	56.687
	Treatment Prob(F)								0.0001	0.0001	0.0001

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	VERAG	SENGL	LAMPU	ERYRE
Pest Scientific Name	Veronica Senecio glabel> agres>		Lamium purpure>	Erysimum repan>
Pest Name	Field speedwell	Cressleaf grou>	Purple deadnet>	Bushy wallflow>
Rating Date	4-27-2016	4-27-2016	5-12-2016	5-12-2016
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
SE Group No.	4	5	6	7
Days After First/Last Applic.	13 13	13 13	28 28	28 28
Trt-Eval Interval	13 DA-A	13 DA-A	28 DA-A	28 DA-A
Number of Decimals	0	0	0	0

Trt	Treatment	Form Form	Rate	Other Other	Appl	4*	5*	6*	7*
No.	Name	Conc Unit	Rate Unit	Rate Unit	Unit Code				
1	Trivence 8 oz			8 oz/a	A	88 a	72 cd	85 ab	75 cd
	Flumioxazin	51 %AW/W	1.02 oz ai/a	2 oz/a	A				
	Chlorimuron	25 %AW/W	0.32 oz ai/a	1.28 oz/a	A				
	Metribuzin	75 %AW/W	3.56 oz ai/a	4.75 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL	0.77 lb ae/a	22 oz/a	A				
	D1691	4 LB/GAL	0.25 lb ai/a	8 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL	0.77 lb ae/a	22 oz/a	B				
	D1691	4 LB/GAL	0.25 lb ai/a	8 oz/a	B				
2	Trivence 8 oz			8 oz/a	A	79 ab	72 cd	90 ab	75 cd
	Flumioxazin	51 %AW/W	1.02 oz ai/a	2 oz/a	A				
	Chlorimuron	25 %AW/W	0.32 oz ai/a	1.28 oz/a	A				
	Metribuzin	75 %AW/W	3.56 oz ai/a	4.75 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL	0.77 lb ae/a	22 oz/a	A				
	D1691	4 LB/GAL	0.25 lb ai/a	8 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL	0.77 lb ae/a	22 oz/a	B				
	Cinch	7 LBA/GAL	0.875 lb ai/a	1 pt/a	B				
	D1691	4 LB/GAL	0.25 lb ai/a	8 oz/a	B				
3	Envive			3.5 oz/a	A	73 abc	77 bcd	82 abc	82 bc
	Flumioxazin	51 %AW/W	1.02 oz ai/a	2 oz/a	A				
	Chlorimuron	25 %AW/W	0.32 oz ai/a	1.28 oz/a	A				
	Thifensulfuron	50 %W/W	0.1 oz ai/a	0.2 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL	0.77 lb ae/a	22 oz/a	A				
	D1691	4 LB/GAL	0.25 lb ai/a	8 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL	0.77 lb ae/a	22 oz/a	B				
	D1691	4 LB/GAL	0.25 lb ai/a	8 oz/a	B				
4	Envive			3.5 oz/a	A	80 a	87 ab	70 d	75 cd
	Flumioxazin	51 %AW/W	1.02 oz ai/a	2 oz/a	A				
	Chlorimuron	25 %AW/W	0.32 oz ai/a	1.28 oz/a	A				
	Thifensulfuron	50 %W/W	0.1 oz ai/a	0.2 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL	0.77 lb ae/a	22 oz/a	A				
	D1691	4 LB/GAL	0.25 lb ai/a	8 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL	0.77 lb ae/a	22 oz/a	B				
	Cinch	7.64 LBA/GAL	0.955 lb ai/a	1 pt/a	B				
	D1691	4 LB/GAL	0.25 lb ai/a	8 oz/a	B				
5	Envive			3.5 oz/a	A	44 c	81 abc	72 cd	77 cd
	Flumioxazin	51 %AW/W	1.02 oz ai/a	2 oz/a	A				
	Chlorimuron	25 %AW/W	0.32 oz ai/a	1.28 oz/a	A				
	Thifensulfuron	50 %W/W	0.1 oz ai/a	0.2 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL	0.77 lb ae/a	22 oz/a	A				
	D1691	4 LB/GAL	0.25 lb ai/a	8 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL	0.77 lb ae/a	22 oz/a	B				
	Prefix	5.29 LBA/GAL	1.32 lb ai/a	2 pt/a	B				

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Pest Name	Field speedwell	Cressleaf grou>	Purple deadnet>	Bushy wallflow>								
Rating Date	4-27-2016	4-27-2016	5-12-2016	5-12-2016								
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO								
Rating Unit	%	%	%	%								
Number of Subsamples	1	1	1	1								
SE Group No.	4	5	6	7								
Days After First/Last Applic.	13 13	13 13	28 28	28 28								
Trt-Eval Interval	13 DA-A	13 DA-A	28 DA-A	28 DA-A								
Number of Decimals	0	0	0	0								
Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Unit	Other Rate	Appl Unit	Code	4*	5*	6*	7*
6	Canopy Blend					7.5 oz/a	A		55 bc	67 d	85 ab	73 d
	Chlorimuron	25 %AW/W		0.62 oz ai/a		2.48 oz/a	A					
	Metribuzin	75 %AW/W		3.75 oz ai/a		5 oz/a	A					
	Cinch	7.64 LBA/GAL		0.955 lb ai/a		1 pt/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A					
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B					
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	B					
7	Canopy Blend					7.5 oz/a	A		65 abc	55 e	87 ab	75 cd
	Chlorimuron	25 %AW/W		0.62 oz ai/a		2.48 oz/a	A					
	Metribuzin	75 %AW/W		3.75 oz ai/a		5 oz/a	A					
	Cinch	7.64 LBA/GAL		0.955 lb ai/a		1 pt/a	A					
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	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B					
	Cinch	7.64 LBA/GAL		0.955 lb ai/a		1 pt/a	B					
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	B					
8	Trivence 8 oz					8 oz/a	A		84 a	80 a-d	92 a	88 b
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A					
	Chlorimuron	25 %AW/W		0.32 oz ai/a		1.28 oz/a	A					
	Metribuzin	75 %AW/W		3.56 oz ai/a		4.75 oz/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A					
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a		1 pt/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B					
	Prefix	5.29 LBA/GAL		1.32 lb ai/a		2 pt/a	B					
9	Verdict					5 oz/a	A		88 a	92 a	80 bcd	98 a
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A					
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a		1 pt/a	A					
	MSO	100 %		1 % v/v		1 % v/v	A					
	N PAK AMS	100 %		5 % v/v		5 % v/v	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B					
	Prefix	5.29 LBA/GAL		1.32 lb ai/a		2 pt/a	B					
10	Untreated Check								0 d	0 f	0 e	0 e
	LSD P=.05								18.6	9.5	10.3	7.9
	Standard Deviation								9.3	5.2	6.0	4.6
	CV								24.97	10.98	8.35	6.41
	Bartlett's X2								1.325	2.298	6.542	3.074
	P(Bartlett's X2)								0.932	0.89	0.365	0.93
	Skewness								-1.1156*	-1.6518*	-2.298*	-2.1913*
	Kurtosis								0.2981	1.8747	4.4662*	4.4052*
	Replicate F								2.969	0.252	0.094	3.576
	Replicate Prob(F)								0.1269	0.7823	0.9110	0.0492
	Treatment F								21.190	68.246	60.783	98.991
	Treatment Prob(F)								0.0007	0.0001	0.0001	0.0001

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt Location: Western Branch F-10 W Trial Year: 2016
 Protocol ID: 16DCPRRXnt Investigator: Dr. Mark M. Loux
 Project ID: USA-16-130 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	VERAG	SENGL
Pest Scientific Name	Conyza canadensis> Veronica agrestis> Senecio glabellus>		
Pest Name	Canada horseweed>	Field speedwell	Cressleaf groundsel>
Rating Date	5-12-2016	5-12-2016	5-12-2016
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
SE Group No.	8	9	10
Days After First/Last Applic.	28 28	28 28	28 28
Trt-Eval Interval	28 DA-A	28 DA-A	28 DA-A
Number of Decimals	0	0	0

Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Unit	Other Rate	Appl Unit	Code	8*	9*	10*	
1	Trivence 8 oz					8 oz/a		A		77 b	93 a	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a		A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a			A				
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a			A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a			A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a			A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a			B				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a			B				
2	Trivence 8 oz					8 oz/a		A	75 b	100 a	100 a	
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a		A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a			A				
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a			A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a			A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a			A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a			B				
	Cinch D1691	7 LBA/GAL		0.875 lb ai/a	1 pt/a			B				
	Cinch D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a			B				
3	Envive					3.5 oz/a		A	80 b	100 a	100 a	
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a		A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a			A				
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a			A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a			A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a			A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a			B				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a			B				
4	Envive					3.5 oz/a		A	73 b	100 a	100 a	
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a		A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a			A				
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a			A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a			A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a			A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a			B				
	Cinch D1691	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a			B				
	Cinch D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a			B				
5	Envive					3.5 oz/a		A	77 b	100 a	100 a	
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a		A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a			A				
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a			A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a			A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a			A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a			B				
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a			B				

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt Location: Western Branch F-10 W Trial Year: 2016
 Protocol ID: 16DCPRRXnt Investigator: Dr. Mark M. Loux
 Project ID: USA-16-130 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	VERAG	SENGL
Pest Scientific Name	Conyza canadensis	Veronica agrestis	Senecio glaberrimus
Pest Name	Canada horseweed	Field speedwell	Cressleaf groundsel
Rating Date	5-12-2016	5-12-2016	5-12-2016
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
SE Group No.	8	9	10
Days After First/Last Applic.	28 28	28 28	28 28
Trt-Eval Interval	28 DA-A	28 DA-A	28 DA-A
Number of Decimals	0	0	0

Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Rate	Other Unit	Appl Code	8*	9*	10*
6	Canopy Blend				7.5 oz/a		A	78 b	100 a	100 a
	Chlorimuron	25 %AW/W		0.62 oz ai/a	2.48 oz/a		A			
	Metribuzin	75 %AW/W		3.75 oz ai/a	5 oz/a		A			
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
7	Canopy Blend				7.5 oz/a		A	80 b	100 a	100 a
	Chlorimuron	25 %AW/W		0.62 oz ai/a	2.48 oz/a		A			
	Metribuzin	75 %AW/W		3.75 oz ai/a	5 oz/a		A			
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		B			
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
8	Trivence 8 oz				8 oz/a		A	75 b	100 a	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a	2 oz/a		A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a	1 pt/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B			
9	Verdict				5 oz/a		A	93 a	100 a	100 a
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a	1 pt/a		A			
	MSO	100 %		1 % v/v	1 % v/v		A			
	N PAK AMS	100 %		5 % v/v	5 % v/v		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B			
10	Untreated Check							0 c	0 b	0 b
	LSD P=.05							10.5	6.5	.
	Standard Deviation							6.1	3.8	0.0
	CV							8.64	4.36	0.0
	Bartlett's X2							9.197	0.0	0.0
	P(Bartlett's X2)							0.163	.	.
	Skewness							-2.3696*	-2.6836*	-2.3509*
	Kurtosis							4.8099*	5.701*	3.8552*
	Replicate F							1.302	0.974	0.000
	Replicate Prob(F)							0.2964	0.3978	1.0000
	Treatment F							52.063	210.018	0.000
	Treatment Prob(F)							0.0001	0.0001	1.0000

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt Location: Western Branch F-10 W Trial Year: 2016
 Protocol ID: 16DCPRRXnt Investigator: Dr. Mark M. Loux
 Project ID: USA-16-130 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	ERYRE	CAPBP
Pest Scientific Name	Conyza canadensis > Erysimum repans > Capsella bursa >		
Pest Name	Canada horsewee >	Bushy wallflow >	Shepherd's pur >
Rating Date	5-26-2016	5-26-2016	5-26-2016
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
SE Group No.	11	12	13
Days After First/Last Applic.	42 42	42 42	42 42
Trt-Eval Interval	42 DA-A	42 DA-A	42 DA-A
Number of Decimals	0	0	0

Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Rate	Other Unit	Appl Code	11*	12*	13*
1	Trivence 8 oz					8 oz/a	A	97 ab	80 c	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
2	Trivence 8 oz					8 oz/a	A	100 a	92 b	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Cinch D1691	7 LBA/GAL		0.875 lb ai/a	1 pt/a		B			
	Cinch D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
3	Envive					3.5 oz/a	A	100 a	100 a	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
4	Envive					3.5 oz/a	A	100 a	100 a	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Cinch D1691	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		B			
	Cinch D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
5	Envive					3.5 oz/a	A	100 a	100 a	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B			

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt Location: Western Branch F-10 W Trial Year: 2016
 Protocol ID: 16DCPRRXnt Investigator: Dr. Mark M. Loux
 Project ID: USA-16-130 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	ERYRE	CAPBP
Pest Scientific Name	Conyza canadensis	Erysimum repans	Capsella bursa
Pest Name	Canada horsewee	Bushy wallflow	Shepherd's pur
Rating Date	5-26-2016	5-26-2016	5-26-2016
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
SE Group No.	11	12	13
Days After First/Last Applic.	42 42	42 42	42 42
Trt-Eval Interval	42 DA-A	42 DA-A	42 DA-A
Number of Decimals	0	0	0

Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Rate	Other Unit	Appl Code	11*	12*	13*
6	Canopy Blend				7.5 oz/a		A	100 a	100 a	100 a
	Chlorimuron	25 %AW/W		0.62 oz ai/a	2.48 oz/a		A			
	Metribuzin	75 %AW/W		3.75 oz ai/a	5 oz/a		A			
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
7	Canopy Blend				7.5 oz/a		A	100 a	100 a	100 a
	Chlorimuron	25 %AW/W		0.62 oz ai/a	2.48 oz/a		A			
	Metribuzin	75 %AW/W		3.75 oz ai/a	5 oz/a		A			
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		B			
	D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B			
8	Trivence 8 oz				8 oz/a		A	80 bc	100 a	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a	2 oz/a		A			
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A			
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a	1 pt/a		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B			
9	Verdict				5 oz/a		A	73 c	97 ab	100 a
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A			
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a	1 pt/a		A			
	MSO	100 %		1 % v/v	1 % v/v		A			
	N PAK AMS	100 %		5 % v/v	5 % v/v		A			
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B			
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B			
10	Untreated Check							0 d	0 d	0 b
	LSD P=.05							17.5	6.5	.
	Standard Deviation							10.2	3.8	0.0
	CV							12.0	4.39	0.0
	Bartlett's X2							3.187	0.642	0.0
	P(Bartlett's X2)							0.203	0.423	.
	Skewness							-2.178*	-2.5604*	-2.8091*
	Kurtosis							3.6378*	5.3439*	6.3081*
	Replicate F							0.288	0.745	0.000
	Replicate Prob(F)							0.7530	0.4887	1.0000
	Treatment F							28.416	200.567	0.000
	Treatment Prob(F)							0.0001	0.0001	1.0000

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt
 Protocol ID: 16DCPRRXnt
 Project ID: USA-16-130

Location: Western Branch F-10 W Trial Year: 2016
 Investigator: Dr. Mark M. Loux
 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SENGL	SETFA	AMBTR	ERICA
Pest Scientific Name	Senecio glabel>	Setaria faberi	Ambrosia trifi>	Conyza canadens>
Pest Name	Cressleaf grou>	Giant foxtail	Giant ragweed	Canada horsewe>
Rating Date	5-26-2016	5-26-2016	5-26-2016	6-8-2016
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
SE Group No.	14	15	16	17
Days After First/Last Applic.	42 42	42 42	42 42	55 12
Trt-Eval Interval	42 DA-A	42 DA-A	42 DA-A	12 DA-B
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Rate	Other Unit	Appl Code	14*	15*	16*	17*
1	Trivence 8 oz					8 oz/a	A	100 a	53 a	53 ab	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A				
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B				
2	Trivence 8 oz					8 oz/a	A	100 a	47 ab	43 abc	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A				
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Cinch D1691	7 LBA/GAL		0.875 lb ai/a	1 pt/a		B				
	Cinch D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B				
3	Envive					3.5 oz/a	A	100 a	53 a	50 ab	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A				
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B				
4	Envive					3.5 oz/a	A	100 a	17 cd	37 abc	100 a
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A				
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Cinch D1691	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		B				
	Cinch D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B				
5	Envive					3.5 oz/a	A	100 a	27 bc	40 abc	93 ab
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A				
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B				

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt Location: Western Branch F-10 W Trial Year: 2016
 Protocol ID: 16DCPRRXnt Investigator: Dr. Mark M. Loux
 Project ID: USA-16-130 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

Pest Type	W Weed	W Weed	W Weed	W Weed								
Pest Code	SENGL	SETFA	AMBTR	ERICA								
Pest Scientific Name	Senecio glabel>	Setaria faberi	Ambrosia trifi>	Conyza canadens>								
Pest Name	Cressleaf grou>	Giant foxtail	Giant ragweed	Canada horsewe>								
Rating Date	5-26-2016	5-26-2016	5-26-2016	6-8-2016								
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO								
Rating Unit	%	%	%	%								
Number of Subsamples	1	1	1	1								
SE Group No.	14	15	16	17								
Days After First/Last Applic.	42 42	42 42	42 42	55 12								
Trt-Eval Interval	42 DA-A	42 DA-A	42 DA-A	12 DA-B								
Number of Decimals	0	0	0	0								
Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Unit	Other Rate	Appl Unit	Code	14*	15*	16*	17*
6	Canopy Blend					7.5 oz/a	A		100 a	53 a	60 a	100 a
	Chlorimuron	25 %AW/W		0.62 oz ai/a		2.48 oz/a	A					
	Metribuzin	75 %AW/W		3.75 oz ai/a		5 oz/a	A					
	Cinch	7.64 LBA/GAL		0.955 lb ai/a		1 pt/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A					
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B					
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	B					
7	Canopy Blend					7.5 oz/a	A		100 a	50 a	30 bc	100 a
	Chlorimuron	25 %AW/W		0.62 oz ai/a		2.48 oz/a	A					
	Metribuzin	75 %AW/W		3.75 oz ai/a		5 oz/a	A					
	Cinch	7.64 LBA/GAL		0.955 lb ai/a		1 pt/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A					
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B					
	Cinch	7.64 LBA/GAL		0.955 lb ai/a		1 pt/a	B					
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	B					
8	Trivence 8 oz					8 oz/a	A		100 a	67 a	37 abc	80 bc
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A					
	Chlorimuron	25 %AW/W		0.32 oz ai/a		1.28 oz/a	A					
	Metribuzin	75 %AW/W		3.56 oz ai/a		4.75 oz/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A					
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a		1 pt/a	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B					
	Prefix	5.29 LBA/GAL		1.32 lb ai/a		2 pt/a	B					
9	Verdict					5 oz/a	A		85 b	7 cd	20 cd	73 c
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A					
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a		1 pt/a	A					
	MSO	100 %		1 % v/v		1 % v/v	A					
	N PAK AMS	100 %		5 % v/v		5 % v/v	A					
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B					
	Prefix	5.29 LBA/GAL		1.32 lb ai/a		2 pt/a	B					
10	Untreated Check								0 c	0 d	0 d	0 d
	LSD P=.05								8.4	20.8	26.0	12.8
	Standard Deviation								4.9	12.1	15.1	7.5
	CV								5.7	32.48	40.92	8.86
	Bartlett's X2								0.0	5.782	2.792	4.79
	P(Bartlett's X2)								.	0.672	0.904	0.091
	Skewness								-2.6148*	-0.3532	0.0507	-2.235*
	Kurtosis								5.3892*	-1.1974	-0.1475	3.9562*
	Replicate F								0.944	0.295	1.614	1.313
	Replicate Prob(F)								0.4084	0.7483	0.2266	0.2936
	Treatment F								124.503	10.771	3.956	52.314
	Treatment Prob(F)								0.0001	0.0001	0.0063	0.0001

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt Location: Western Branch F-10 W Trial Year: 2016
 Protocol ID: 16DCPRRXnt Investigator: Dr. Mark M. Loux
 Project ID: USA-16-130 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

Pest Type	W Weed	W Weed	W Weed	W Weed								
Pest Code	SETFA	AMBTR	ERICA	SETFA								
Pest Scientific Name	Setaria Ambrosia trifi>	Conyza canad>	Setaria	Setaria								
Pest Name	faberi	faberi	Canada horsewe>	faberi								
Rating Date	6-8-2016	6-8-2016	6-21-2016	6-21-2016								
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO								
Rating Unit	%	%	%	%								
Number of Subsamples	1	1	1	1								
SE Group No.	18	19	20	21								
Days After First/Last Applic.	55 12	55 12	68 25	68 25								
Trt-Eval Interval	12 DA-B	12 DA-B	12 DA-B	12 DA-B								
Number of Decimals	0	0	0	0								
Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Unit	Other Rate	Appl Unit	Code	18*	19*	20*	21*
1	Trivence 8 oz				8 oz/a		A		67 d	80 ab	100 a	0 -
	Flumioxazin	51 %AW/W		1.02 oz ai/a	2 oz/a		A					
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A					
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A					
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A					
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A					
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B					
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B					
2	Trivence 8 oz				8 oz/a		A		93 ab	82 ab	100 a	30 -
	Flumioxazin	51 %AW/W		1.02 oz ai/a	2 oz/a		A					
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A					
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A					
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A					
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A					
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B					
	Cinch D1691	7 LBA/GAL		0.875 lb ai/a	1 pt/a		B					
	Cinch D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B					
3	Envive				3.5 oz/a		A		73 cd	77 b	100 a	0 -
	Flumioxazin	51 %AW/W		1.02 oz ai/a	2 oz/a		A					
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A					
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A					
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A					
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A					
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B					
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B					
4	Envive				3.5 oz/a		A		83 bc	80 ab	99 a	0 -
	Flumioxazin	51 %AW/W		1.02 oz ai/a	2 oz/a		A					
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A					
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A					
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A					
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A					
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B					
	Cinch D1691	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		B					
	Cinch D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B					
5	Envive				3.5 oz/a		A		93 ab	80 ab	77 b	20 -
	Flumioxazin	51 %AW/W		1.02 oz ai/a	2 oz/a		A					
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A					
	Thifensulfuron	50 %W/W		0.1 oz ai/a	0.2 oz/a		A					
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A					
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A					
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B					
	Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B					

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt Location: Western Branch F-10 W Trial Year: 2016
 Protocol ID: 16DCPRRXnt Investigator: Dr. Mark M. Loux
 Project ID: USA-16-130 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	SETFA	AMBTR	ERICA	SETFA							
Pest Scientific Name	Setaria Ambrosia trifidi>	Conyza canadensis>	Setaria faberi	Setaria faberi							
Pest Name	Giant foxtail	Giant ragweed	Canada horseweed>	Giant foxtail							
Rating Date	6-8-2016	6-8-2016	6-21-2016	6-21-2016							
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO							
Rating Unit	%	%	%	%							
Number of Subsamples	1	1	1	1							
SE Group No.	18	19	20	21							
Days After First/Last Applic.	55 12	55 12	68 25	68 25							
Trt-Eval Interval	12 DA-B	12 DA-B	12 DA-B	12 DA-B							
Number of Decimals	0	0	0	0							
Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Unit	Other Rate	Appl Code	18*	19*	20*	21*
6	Canopy Blend					7.5 oz/a	A	72 cd	87 ab	100 a	0 -
	Chlorimuron	25 %AW/W		0.62 oz ai/a		2.48 oz/a	A				
	Metribuzin	75 %AW/W		3.75 oz ai/a		5 oz/a	A				
	Cinch	7.64 LBA/GAL		0.955 lb ai/a		1 pt/a	A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A				
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B				
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	B				
7	Canopy Blend					7.5 oz/a	A	85 abc	77 b	100 a	23 -
	Chlorimuron	25 %AW/W		0.62 oz ai/a		2.48 oz/a	A				
	Metribuzin	75 %AW/W		3.75 oz ai/a		5 oz/a	A				
	Cinch	7.64 LBA/GAL		0.955 lb ai/a		1 pt/a	A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A				
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B				
	Cinch	7.64 LBA/GAL		0.955 lb ai/a		1 pt/a	B				
	D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a	B				
8	Trivence 8 oz					8 oz/a	A	98 a	87 ab	67 b	17 -
	Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a	A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a		1.28 oz/a	A				
	Metribuzin	75 %AW/W		3.56 oz ai/a		4.75 oz/a	A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A				
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a		1 pt/a	A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B				
	Prefix	5.29 LBA/GAL		1.32 lb ai/a		2 pt/a	B				
9	Verdict					5 oz/a	A	91 ab	92 a	73 b	17 -
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	A				
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a		1 pt/a	A				
	MSO	100 %		1 % v/v		1 % v/v	A				
	N PAK AMS	100 %		5 % v/v		5 % v/v	A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a	B				
	Prefix	5.29 LBA/GAL		1.32 lb ai/a		2 pt/a	B				
10	Untreated Check							0 e	0 c	0 c	0 -
	LSD P=.05							14.3	11.9	14.3	29.4
	Standard Deviation							8.4	6.9	8.3	17.1
	CV							11.07	9.37	10.21	160.46
	Bartlett's X2							8.679	4.562	10.73	0.688
	P(Bartlett's X2)							0.37	0.713	0.013*	0.953
	Skewness							-1.903*	-2.2987*	-1.8803*	1.3183*
	Kurtosis							3.0302*	4.5444*	2.702*	0.0127
	Replicate F							3.208	6.087	1.107	1.582
	Replicate Prob(F)							0.0643	0.0096	0.3521	0.2329
	Treatment F							34.924	43.630	43.143	1.436
	Treatment Prob(F)							0.0001	0.0001	0.0001	0.2449

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt
 Protocol ID: 16DCPRRXnt
 Project ID: USA-16-130

Location: Western Branch F-10 W Trial Year: 2016
 Investigator: Dr. Mark M. Loux
 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	AMBTR	ERICA	SETFA	AMBTR							
Pest Scientific Name	Ambrosia trifi>	Conyza canadens>	Setaria faberi	Ambrosia trifi>							
Pest Name	Giant ragweed	Canada horsewe>	Giant foxtail	Giant ragweed							
Rating Date	6-21-2016	7-7-2016	7-7-2016	7-7-2016							
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO							
Rating Unit	%	%	%	%							
Number of Subsamples	1	1	1	1							
SE Group No.	22	23	26	25							
Days After First/Last Applic.	68 25	84 41	84 41	84 41							
Trt-Eval Interval	12 DA-B	41 DA-B	41 DA-B	41 DA-B							
Number of Decimals	0	0	0	0							
Trt Treatment No. Name	Form Conc	Form Unit	Rate Rate	Unit Unit	Other Rate	Other Rate	Appl Unit Code	22*	23*	24*	25*
1 Trivence 8 oz					8 oz/a		A	0 -	100 a	0 c	10 -
Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a		A				
Chlorimuron	25 %AW/W		0.32 oz ai/a		1.28 oz/a		A				
Metribuzin	75 %AW/W		3.56 oz ai/a		4.75 oz/a		A				
Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a		A				
Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a		A				
Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a		B				
Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a		B				
2 Trivence 8 oz					8 oz/a		A	0 -	100 a	43 a	10 -
Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a		A				
Chlorimuron	25 %AW/W		0.32 oz ai/a		1.28 oz/a		A				
Metribuzin	75 %AW/W		3.56 oz ai/a		4.75 oz/a		A				
Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a		A				
Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a		A				
Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a		B				
Cinch D1691	7 LBA/GAL		0.875 lb ai/a		1 pt/a		B				
Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a		B				
3 Envive					3.5 oz/a		A	0 -	100 a	10 bc	13 -
Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a		A				
Chlorimuron	25 %AW/W		0.32 oz ai/a		1.28 oz/a		A				
Thifensulfuron	50 %W/W		0.1 oz ai/a		0.2 oz/a		A				
Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a		A				
Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a		A				
Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a		B				
Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a		B				
4 Envive					3.5 oz/a		A	0 -	100 a	7 bc	0 -
Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a		A				
Chlorimuron	25 %AW/W		0.32 oz ai/a		1.28 oz/a		A				
Thifensulfuron	50 %W/W		0.1 oz ai/a		0.2 oz/a		A				
Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a		A				
Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a		A				
Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a		B				
Cinch D1691	7.64 LBA/GAL		0.955 lb ai/a		1 pt/a		B				
Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a		B				
5 Envive					3.5 oz/a		A	0 -	78 b	33 a	0 -
Flumioxazin	51 %AW/W		1.02 oz ai/a		2 oz/a		A				
Chlorimuron	25 %AW/W		0.32 oz ai/a		1.28 oz/a		A				
Thifensulfuron	50 %W/W		0.1 oz ai/a		0.2 oz/a		A				
Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a		A				
Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a		8 oz/a		A				
Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a		22 oz/a		B				
Prefix	5.29 LBA/GAL		1.32 lb ai/a		2 pt/a		B				

The Ohio State University

Dicamba in no-till 2 pass DCP programs for RR2X Soybeans

Trial ID: 16DCPRRXnt
 Protocol ID: 16DCPRRXnt
 Project ID: USA-16-130

Location: Western Branch F-10 W Trial Year: 2016
 Investigator: Dr. Mark M. Loux
 Study Director: Anthony Dobbels
 Sponsor Contact: Marsha Martin, DuPont

Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	AMBTR	ERICA	SETFA	AMBTR							
Pest Scientific Name	Ambrosia trifi>	Conyza canad>	Setaria faberi	Ambrosia trifi>							
Pest Name	Giant ragweed	Canada horsewe>	Giant foxtail	Giant ragweed							
Rating Date	6-21-2016	7-7-2016	7-7-2016	7-7-2016							
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO							
Rating Unit	%	%	%	%							
Number of Subsamples	1	1	1	1							
SE Group No.	22	23	26	25							
Days After First/Last Applic.	68 25	84 41	84 41	84 41							
Trt-Eval Interval	12 DA-B	41 DA-B	41 DA-B	41 DA-B							
Number of Decimals	0	0	0	0							
Trt No.	Treatment Name	Form Conc	Form Unit	Rate Rate	Other Rate	Other Unit	Appl Code	22*	23*	24*	25*
6	Canopy Blend				7.5 oz/a		A	0 -	100 a	0 c	23 -
	Chlorimuron	25 %AW/W		0.62 oz ai/a	2.48 oz/a		A				
	Metribuzin	75 %AW/W		3.75 oz ai/a	5 oz/a		A				
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B				
7	Canopy Blend				7.5 oz/a		A	0 -	100 a	27 ab	10 -
	Chlorimuron	25 %AW/W		0.62 oz ai/a	2.48 oz/a		A				
	Metribuzin	75 %AW/W		3.75 oz ai/a	5 oz/a		A				
	Cinch	7.64 LBA/GAL		0.955 lb ai/a	1 pt/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		A				
	Roundup PowerMax D1691	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Roundup PowerMax D1691	4 LB/GAL		0.25 lb ai/a	8 oz/a		B				
8	Trivence 8 oz				8 oz/a		A	0 -	77 b	47 a	0 -
	Flumioxazin	51 %AW/W		1.02 oz ai/a	2 oz/a		A				
	Chlorimuron	25 %AW/W		0.32 oz ai/a	1.28 oz/a		A				
	Metribuzin	75 %AW/W		3.56 oz ai/a	4.75 oz/a		A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a	1 pt/a		A				
	Roundup PowerMax Prefix	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Roundup PowerMax Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B				
9	Verdict				5 oz/a		A	10 -	68 b	37 a	10 -
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		A				
	2,4-D Ester	4 LBA/GAL		0.5 lb ai/a	1 pt/a		A				
	MSO	100 %		1 % v/v	1 % v/v		A				
	N PAK AMS	100 %		5 % v/v	5 % v/v		A				
	Roundup PowerMax	4.5 LBAE/GAL		0.77 lb ae/a	22 oz/a		B				
	Roundup PowerMax Prefix	5.29 LBA/GAL		1.32 lb ai/a	2 pt/a		B				
10	Untreated Check							0 -	0 c	0 c	0 -
	LSD P=.05							9.4	18.3	20.6	25.5
	Standard Deviation							5.5	10.7	12.0	14.9
	CV							547.72	12.96	59.03	194.12
	Bartlett's X2							0.0	2.128	7.302	0.309
	P(Bartlett's X2)							.	0.345	0.294	0.997
	Skewness							5.4772*	-1.9225*	0.2747	1.4246*
	Kurtosis							30.0*	2.7487*	-1.5114	0.2148
	Replicate F							1.000	0.227	0.717	0.783
	Replicate Prob(F)							0.3874	0.7992	0.5015	0.4722
	Treatment F							1.000	26.057	7.478	0.804
	Treatment Prob(F)							0.4742	0.0001	0.0002	0.6180

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Location: Western Branch F-10 W Trial Year: 2016
Investigator: Dr. Mark M. Loux
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Sponsor Contact: Marsha Martin, DuPont

Pest Type

W, Weed, G-BYRW7, G-WedStg = Weed or volunteer crop

Pest Code

LAMPU, Lamium purpureum, = US
ERYRE, Erysimum repandum, = US
ERICA, Conyza canadensis, = ERICA, Conyza canadensis,
VERAG, Veronica agrestis, = US
SENGL, Senecio glabellus, = US
CAPBP, Capsella bursa-pastoris, = US
SETFA, Setaria faberi, = US
AMBTR, Ambrosia trifida, = US

Rating Type

CONTRO = control / burndown or knockdown

Rating Unit

% = percent