

NoTill Corn Burndown and Residual Weed Control

Trial ID: 15NTC1 Location: Western Branch F-9 W Trial Year: 2015
 Protocol ID: 15NTC1 Investigator: Dr. Mark M. Loux
 Project ID: Study Director: Anthony Dobbels
 Sponsor Contact:

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 °: 39.85888 N
Longitude of LL Corner °: -83.67313 W

Conducted Under GLP: No
Conducted Under GEP: No

Contacts

Study Director: Anthony Dobbels

Investigator: Dr. Mark M. Loux

Crop Description

Crop 1: ZEAMX Zea mays
Variety: P0993HR
Description: Pioneer

Planting Date: 4-29-2015
Planting Method: PLANTD planted
Planting Equipment: PP Plot Planter
Emergence Date: 5-8-2015

Planting Rate, Unit: 32079 SEED/A
Depth, Unit: 2 IN
Row Spacing, Unit: 30 IN
Soil Temperature, Unit: 63 F
Soil Moisture: DAMP damp
Seed Bed: SMOTRA smooth/trashy

Pest Description

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

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

Pest 3 Type: W **Code:** CARPE Cardamine pensylvanica
Common Name: Pennsylvania bittercress

Pest 4 Type: W **Code:** VERAG Veronica agrestis
Common Name: Field speedwell

Pest 5 Type: W **Code:** ERYRE Erysimum repandum
Common Name: Bushy wallflower

Pest 6 Type: W **Code:** AMBTR Ambrosia trifida
Common Name: Giant ragweed

Pest 7 Type: W **Code:** SETFA Setaria faberi
Common Name: Giant foxtail

Site and Design

Treated Plot Width: 6.67 FT
Treated Plot Length: 30 FT
Treated Plot Area: 200.1 FT² **Treatments:** 10
Replications: 3

Site Type: FIELD field
Experimental Unit: 1 PLOT plot
Tillage Type: NOTILL no-till
Study Design: RACOBL Randomized Complete Block (RCB)

No. Previous Crop Year
 1. Soybean 2014

Soil Description

Description Name: F-9 West

% OM: 2

pH: 6.2

CEC: 9.7

Texture: SICL silty clay loam

Soil Name: Kokomo

Fert. Level: G good

Soil Drainage: G good

Application Description

	A	B
Application Date:	4-14-2015	6-3-2015
Appl. Start Time:	9:00 AM	9:00 AM
Appl. Stop Time:	9:15 AM	9:20 AM
Application Method:	SPRAY	SPRAY
Application Timing:	14 EPP	POST
Application Placement:	BROFOL	BROFOL
Applied By:	Reeb	Reeb
Air Temperature, Unit:	56 F	60 F
% Relative Humidity:	64	85
Wind Velocity, Unit:	6 MPH	4 MPH
Wind Direction:	NE	NNE
Dew Presence (Y/N):	N no	Y yes
Soil Temperature, Unit:	51 F	59 F
Soil Moisture:	MOIST	WET
% Cloud Cover:	100	100
Next Moisture Occurred On:	4-19-2015	6-5-2015
Time to Next Moisture, Unit:	5 DAY	2 DAY

Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	ZEAMX BCOR	ZEAMX BCOR
Stage Scale Used:		BBCH
Stage Majority, Percent:		15 100
Height, Unit:		15 IN
Height Minimum, Maximum:		15 17

Pest Stage At Each Application

	A		B	
Pest 1 Code, Type, Scale:	ERICA	W	ERICA	W
Stage Majority, Percent:	16	90	19	100
Stage Minimum, Percent:	14	10		
Stage Maximum, Percent:	16	90		
Diameter, Unit:	2	IN	4	IN
Height, Unit:	0.5	IN	4	IN
Height Minimum, Maximum:	0.5	1	4	6
Density, Unit:	25	M2	1	M2
Pest 2 Code, Type, Scale:	LAMPU	W	LAMPU	W
Stage Majority, Percent:	60	90		
Stage Minimum, Percent:	65	10		
Stage Maximum, Percent:	65	90		
Diameter, Unit:	2	IN		
Height, Unit:	3	IN		
Height Minimum, Maximum:	1	3		
Density, Unit:	2	M2		
Pest 3 Code, Type, Scale:	CARPE	W	CARPE	W
Stage Majority, Percent:	67	90		
Stage Minimum, Percent:	65	10		
Stage Maximum, Percent:	67	90		
Diameter, Unit:	2	IN		
Height, Unit:	3	IN		
Height Minimum, Maximum:	2	3		
Density, Unit:	1	M2		
Pest 4 Code, Type, Scale:	VERAG	W	VERAG	W
Stage Majority, Percent:	65	90		
Stage Minimum, Percent:	60	10		
Stage Maximum, Percent:	65	90		
Diameter, Unit:	3	IN		
Height, Unit:	0.5	IN		
Height Minimum, Maximum:	0.25	0.5		
Density, Unit:	3	M2		
Pest 5 Code, Type, Scale:	ERYRE	W	ERYRE	W
Stage Majority, Percent:	19	100		
Diameter, Unit:	3	IN		
Height, Unit:	0.5	IN		
Height Minimum, Maximum:	0.5	1		
Density, Unit:	2	M2		
Pest 6 Code, Type, Scale:	AMBTR	W	AMBTR	W
Stage Majority, Percent:	09	100	16	100
Diameter, Unit:	1	IN	4	IN
Height, Unit:	0.5	IN	4	IN
Height Minimum, Maximum:	0.5	1	4	6
Density, Unit:	2	M2	3	M2
Pest 7 Code, Type, Scale:	SETFA	W	SETFA	W
Stage Majority, Percent:			13	100
Height, Unit:			4	IN
Height Minimum, Maximum:			4	6
Density, Unit:			25	M2

Application Equipment

	A		B	
Appl. Equipment:	6 FOOT	BOOM	10' AI	XR
Equipment Type:	SPRBAC		SPRBAC	
Operation Pressure, Unit:	46	PSI	46	PSI
Nozzle Type:	AI	XR	AI	XR
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	2	Liters
Propellant:	CO2		CO2	

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Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	STEME	LAMPU
Pest Scientific Name	Conyza canadensis	Stellaria media	Lamium purpureum
Pest Name	Canada horseweed	Common chickweed	Purple deadnettle
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	4-28-2015	4-28-2015	4-28-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	14 14	14 14	14 14
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A
Plant-Eval Interval	-1 DP-1	-1 DP-1	-1 DP-1
Days After Emergence	-10 DE-1	-10 DE-1	-10 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	1	2	3
1	Surestart II	3 pt/a		A	14	EPP	100 a	100 a	95 a
1	AAtrex	1 qt/a		A	14	EPP			
1	Durango DMA	1 qt/a		A	14	EPP			
1	2,4-D Ester	1 pt/a		A	14	EPP			
1	N PAK AMS	1.5 qt/a		A	14	EPP			
1	Durango DMA	24 oz/a		B		POST			
1	N PAK AMS	1.5 qt/a		B		POST			
2	Acuron	3 qt/a		A	14	EPP	99 a	100 a	95 a
2	AAtrex	1 qt/a		A	14	EPP			
2	COC	0.6 qt/a		A	14	EPP			
2	Durango DMA	24 oz/a		B		POST			
2	N PAK AMS	1.5 qt/a		B		POST			
3	Corvus	5.6 oz/a		A	14	EPP	83 b	100 a	85 a
3	Atrazine	1 qt/a		A	14	EPP			
3	COC	0.6 qt/a		A	14	EPP			
3	Durango DMA	24 oz/a		B		POST			
3	N PAK AMS	1.5 qt/a		B		POST			
4	Balance Bean	2 oz/a		A	14	EPP	82 b	97 a	50 bc
4	Dual II Magnum	0.8 pt/a		A	14	EPP			
4	Roundup PowerMax	32 oz/a		A	14	EPP			
4	N PAK AMS	1.5 qt/a		A	14	EPP			
4	Durango DMA	24 oz/a		B		POST			
4	N PAK AMS	1.5 qt/a		B		POST			
5	Balance Bean	3 oz/a		A	14	EPP	72 bc	100 a	60 b
5	Dual II Magnum	1.6 pt/a		A	14	EPP			
5	Roundup PowerMax	32 oz/a		A	14	EPP			
5	N PAK AMS	1.5 qt/a		A	14	EPP			
5	Durango DMA	24 oz/a		B		POST			
5	N PAK AMS	1.5 qt/a		B		POST			

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.
 Missing data estimates are included in columns: Yates=2; Average=4,5,6,7
 Could not calculate LSD (% mean diff) for columns 6,7,8,9,11,12,13,15,16,20 because error mean square = 0.

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	STEME	LAMPU
Pest Scientific Name	Conyza canadensis	Stellaria media	Lamium purpureum
Pest Name	Canada horseweed	Common chickweed	Purple deadnettle
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	4-28-2015	4-28-2015	4-28-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	14 14	14 14	14 14
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A
Plant-Eval Interval	-1 DP-1	-1 DP-1	-1 DP-1
Days After Emergence	-10 DE-1	-10 DE-1	-10 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	1	2	3
6	Zemax	1 qt/a		A	14 EPP	72 bc	100 a	58 b
6	Roundup PowerMax	32 oz/a		A	14 EPP			
6	N PAK AMS	1.5 qt/a		A	14 EPP			
6	Durango DMA	24 oz/a		B	POST			
6	N PAK AMS	1.5 qt/a		B	POST			
7	Zemax	2 qt/a		A	14 EPP	63 c	100 a	50 bc
7	Roundup PowerMax	32 oz/a		A	14 EPP			
7	N PAK AMS	1.5 qt/a		A	14 EPP			
7	Durango DMA	24 oz/a		B	POST			
7	N PAK AMS	1.5 qt/a		B	POST			
8	A-205	1.125 qt/a		A	14 EPP	75 bc	100 a	53 bc
8	Roundup PowerMax	32 oz/a		A	14 EPP			
8	N PAK AMS	1.5 qt/a		A	14 EPP			
8	Durango DMA	24 oz/a		B	POST			
8	N PAK AMS	1.5 qt/a		B	POST			
9	A-205	2.25 qt/a		A	14 EPP	80 b	98 a	43 c
9	Roundup PowerMax	32 oz/a		A	14 EPP			
9	N PAK AMS	1.5 qt/a		A	14 EPP			
9	Durango DMA	24 oz/a		B	POST			
9	N PAK AMS	1.5 qt/a		B	POST			
10	UTC					0 d	0 b	0 d
10	Durango DMA	24 oz/a		B	POST			
10	N PAK AMS	1.5 qt/a		B	POST			
LSD P=.05						12.1	4.0	14.5
Standard Deviation						7.1	2.3	8.4
CV						9.73	2.52	14.29
Grand Mean						72.6	89.4	59.0
Bartlett's X2						13.879	0.27	6.664
P(Bartlett's X2)						0.053	0.604	0.465
Skewness						-1.7847*	-2.4703*	-0.5094
Kurtosis						2.9605*	4.4964*	-0.0426
Replicate F						0.387	1.325	2.953
Replicate Prob(F)						0.6845	0.2994	0.0778
Treatment F						47.348	583.619	33.703
Treatment Prob(F)						0.0001	0.0001	0.0001

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	VERAG	ERYRE	CARPE	AMBTR
Pest Scientific Name	Veronica agres>	Erysimum repa>	Cardamine pens>	Ambrosia trifi>
Pest Name	Field speedwell	Bushy wallflow>	Pennsylvania b>	Giant ragweed
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	4-28-2015	4-28-2015	4-28-2015	4-28-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	14 14	14 14	14 14	14 14
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A	14 DA-A
Plant-Eval Interval	-1 DP-1	-1 DP-1	-1 DP-1	-1 DP-1
Days After Emergence	-10 DE-1	-10 DE-1	-10 DE-1	-10 DE-1
Number of Decimals	0	0	0	0

Trt Treatment	Other Other	Appl Appl					
No. Name	Rate Rate	Unit Code	Description	4	5	6	7
1 Surestart II	3 qt/a	A	14 EPP	100 a	100 a	100 a	100 a
1 AAtrex	1 qt/a	A	14 EPP				
1 Durango DMA	1 qt/a	A	14 EPP				
1 2,4-D Ester	1 pt/a	A	14 EPP				
1 N PAK AMS	1.5 qt/a	A	14 EPP				
1 Durango DMA	24 oz/a	B	POST				
1 N PAK AMS	1.5 qt/a	B	POST				
2 Acuron	3 qt/a	A	14 EPP	100 a	100 a	100 a	100 a
2 AAtrex	1 qt/a	A	14 EPP				
2 COC	0.6 qt/a	A	14 EPP				
2 Durango DMA	24 oz/a	B	POST				
2 N PAK AMS	1.5 qt/a	B	POST				
3 Corvus	5.6 oz/a	A	14 EPP	100 a	95 a	100 a	100 a
3 Atrazine	1 qt/a	A	14 EPP				
3 COC	0.6 qt/a	A	14 EPP				
3 Durango DMA	24 oz/a	B	POST				
3 N PAK AMS	1.5 qt/a	B	POST				
4 Balance Bean	2 oz/a	A	14 EPP	40 c	90 ab		100 a
4 Dual II Magnum	0.8 pt/a	A	14 EPP				
4 Roundup PowerMax	32 oz/a	A	14 EPP				
4 N PAK AMS	1.5 qt/a	A	14 EPP				
4 Durango DMA	24 oz/a	B	POST				
4 N PAK AMS	1.5 qt/a	B	POST				
5 Balance Bean	3 oz/a	A	14 EPP	30 d	70 cd	60 c	100 a
5 Dual II Magnum	1.6 pt/a	A	14 EPP				
5 Roundup PowerMax	32 oz/a	A	14 EPP				
5 N PAK AMS	1.5 qt/a	A	14 EPP				
5 Durango DMA	24 oz/a	B	POST				
5 N PAK AMS	1.5 qt/a	B	POST				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	VERAG	ERYRE	CARPE	AMBTR
Pest Scientific Name	Veronica agres>	Erysimum repan>	Cardamine pens>	Ambrosia trifri>
Pest Name	Field speedwell	Bushy wallflow>	Pennsylvania b>	Giant ragweed
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	4-28-2015	4-28-2015	4-28-2015	4-28-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	14 14	14 14	14 14	14 14
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A	14 DA-A
Plant-Eval Interval	-1 DP-1	-1 DP-1	-1 DP-1	-1 DP-1
Days After Emergence	-10 DE-1	-10 DE-1	-10 DE-1	-10 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	4	5	6	7
6 Zemax	1 qt/a		A	14 EPP	40 c	60 d		
6 Roundup PowerMax	32 oz/a		A	14 EPP				
6 N PAK AMS	1.5 qt/a		A	14 EPP				
6 Durango DMA	24 oz/a		B	POST				
6 N PAK AMS	1.5 qt/a		B	POST				
7 Zemax	2 qt/a		A	14 EPP	50 b	80 bc	50 d	100 a
7 Roundup PowerMax	32 oz/a		A	14 EPP				
7 N PAK AMS	1.5 qt/a		A	14 EPP				
7 Durango DMA	24 oz/a		B	POST				
7 N PAK AMS	1.5 qt/a		B	POST				
8 A-205	1.125 qt/a		A	14 EPP	50 b	80 bc		
8 Roundup PowerMax	32 oz/a		A	14 EPP				
8 N PAK AMS	1.5 qt/a		A	14 EPP				
8 Durango DMA	24 oz/a		B	POST				
8 N PAK AMS	1.5 qt/a		B	POST				
9 A-205	2.25 qt/a		A	14 EPP	30 d	75 c	80 b	
9 Roundup PowerMax	32 oz/a		A	14 EPP				
9 N PAK AMS	1.5 qt/a		A	14 EPP				
9 Durango DMA	24 oz/a		B	POST				
9 N PAK AMS	1.5 qt/a		B	POST				
10 UTC					0 e	0 e	0 e	0 b
10 Durango DMA	24 oz/a		B	POST				
10 N PAK AMS	1.5 qt/a		B	POST				
LSD P=.05					9.2	11.1	.	.
Standard Deviation					5.2	6.1	0.0	0.0
CV					9.56	8.11	0.0	0.0
Grand Mean					54.0	75.0	70.0	85.7
Bartlett's X2					0.164	1.482	0.0	0.0
P(Bartlett's X2)					0.686	0.686	.	.
Skewness					0.0259	-1.6408*	-0.9672	-1.4511*
Kurtosis					-1.431	1.7128	-0.8132	0.0945
Replicate F					1.500	1.081	0.000	0.000
Replicate Prob(F)					0.2621	0.3758	1.0000	1.0000
Treatment F					135.500	70.270	0.000	0.000
Treatment Prob(F)					0.0001	0.0001	1.0000	1.0000

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Pest Code	ERICA	STEME	LAMPU
Pest Scientific Name	Conyza canadensis	Stellaria media	Lamium purpureum
Pest Name	Canada horseweed	Common chickweed	Purple deadnettle
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	5-12-2015	5-12-2015	5-12-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	28 28	28 28	28 28
Trt-Eval Interval	28 DA-A	28 DA-A	28 DA-A
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1
Days After Emergence	4 DE-1	4 DE-1	4 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	8	9	10
1	Surestart II	3 qt/a		A	14 EPP		100 a	100 a	100 a
1	AAtrex	1 qt/a		A	14 EPP				
1	Durango DMA	1 qt/a		A	14 EPP				
1	2,4-D Ester	1 pt/a		A	14 EPP				
1	N PAK AMS	1.5 qt/a		A	14 EPP				
1	Durango DMA	24 oz/a		B	POST				
1	N PAK AMS	1.5 qt/a		B	POST				
2	Acuron	3 qt/a		A	14 EPP		100 a	100 a	100 a
2	AAtrex	1 qt/a		A	14 EPP				
2	COC	0.6 qt/a		A	14 EPP				
2	Durango DMA	24 oz/a		B	POST				
2	N PAK AMS	1.5 qt/a		B	POST				
3	Corvus	5.6 oz/a		A	14 EPP		100 a	100 a	100 a
3	Atrazine	1 qt/a		A	14 EPP				
3	COC	0.6 qt/a		A	14 EPP				
3	Durango DMA	24 oz/a		B	POST				
3	N PAK AMS	1.5 qt/a		B	POST				
4	Balance Bean	2 oz/a		A	14 EPP		100 a	100 a	98 a
4	Dual II Magnum	0.8 pt/a		A	14 EPP				
4	Roundup PowerMax	32 oz/a		A	14 EPP				
4	N PAK AMS	1.5 qt/a		A	14 EPP				
4	Durango DMA	24 oz/a		B	POST				
4	N PAK AMS	1.5 qt/a		B	POST				
5	Balance Bean	3 oz/a		A	14 EPP		100 a	100 a	100 a
5	Dual II Magnum	1.6 pt/a		A	14 EPP				
5	Roundup PowerMax	32 oz/a		A	14 EPP				
5	N PAK AMS	1.5 qt/a		A	14 EPP				
5	Durango DMA	24 oz/a		B	POST				
5	N PAK AMS	1.5 qt/a		B	POST				

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Pest Code	ERICA	STEME	LAMPU
Pest Scientific Name	Conyza canadensis	Stellaria media	Lamium purpureum
Pest Name	Canada horseweed	Common chickweed	Purple deadnettle
Crop Code			
BBCH Scale			
Crop Scientific Name			
Crop Name			
Rating Date	5-12-2015	5-12-2015	5-12-2015
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	28 28	28 28	28 28
Trt-Eval Interval	28 DA-A	28 DA-A	28 DA-A
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1
Days After Emergence	4 DE-1	4 DE-1	4 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	8	9	10
6	Zemax	1 qt/a		A	14 EPP	100 a	100 a	100 a
6	Roundup PowerMax	32 oz/a		A	14 EPP			
6	N PAK AMS	1.5 qt/a		A	14 EPP			
6	Durango DMA	24 oz/a		B	POST			
6	N PAK AMS	1.5 qt/a		B	POST			
7	Zemax	2 qt/a		A	14 EPP	100 a	100 a	100 a
7	Roundup PowerMax	32 oz/a		A	14 EPP			
7	N PAK AMS	1.5 qt/a		A	14 EPP			
7	Durango DMA	24 oz/a		B	POST			
7	N PAK AMS	1.5 qt/a		B	POST			
8	A-205	1.125 qt/a		A	14 EPP	100 a	100 a	98 a
8	Roundup PowerMax	32 oz/a		A	14 EPP			
8	N PAK AMS	1.5 qt/a		A	14 EPP			
8	Durango DMA	24 oz/a		B	POST			
8	N PAK AMS	1.5 qt/a		B	POST			
9	A-205	2.25 qt/a		A	14 EPP	100 a	100 a	100 a
9	Roundup PowerMax	32 oz/a		A	14 EPP			
9	N PAK AMS	1.5 qt/a		A	14 EPP			
9	Durango DMA	24 oz/a		B	POST			
9	N PAK AMS	1.5 qt/a		B	POST			
10	UTC					0 b	0 b	0 b
10	Durango DMA	24 oz/a		B	POST			
10	N PAK AMS	1.5 qt/a		B	POST			
LSD P=.05						.	.	2.1
Standard Deviation						0.0	0.0	1.2
CV						0.0	0.0	1.36
Grand Mean						90.0	90.0	89.7
Bartlett's X2						0.0	0.0	0.0
P(Bartlett's X2)						.	.	.
Skewness						-2.8091*	-2.8091*	-2.8003*
Kurtosis						6.3081*	6.3081*	6.2758*
Replicate F						0.000	0.000	2.250
Replicate Prob(F)						1.0000	1.0000	0.1342
Treatment F						0.000	0.000	2011.000
Treatment Prob(F)						1.0000	1.0000	0.0001

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	VERAG	ERYRE	CARPE	AMBTR
Pest Scientific Name	Veronica agres>	Erysimum repa>	Cardamine pens>	Ambrosia trifi>
Pest Name	Field speedwell	Bushy wallflow>	Pennsylvania b>	Giant ragweed
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	5-12-2015	5-12-2015	5-12-2015	5-12-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	28 28	28 28	28 28	28 28
Trt-Eval Interval	28 DA-A	28 DA-A	28 DA-A	28 DA-A
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1	13 DP-1
Days After Emergence	4 DE-1	4 DE-1	4 DE-1	4 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Code Description	11	12	13	14
1 Surestart II	3 qt/a		A	14 EPP	100 a	100 a	100 a	99 a
1 AAtrex	1 qt/a		A	14 EPP				
1 Durango DMA	1 qt/a		A	14 EPP				
1 2,4-D Ester	1 pt/a		A	14 EPP				
1 N PAK AMS	1.5 qt/a		A	14 EPP				
1 Durango DMA	24 oz/a		B	POST				
1 N PAK AMS	1.5 qt/a		B	POST				
2 Acuron	3 qt/a		A	14 EPP	100 a	100 a	100 a	98 a
2 AAtrex	1 qt/a		A	14 EPP				
2 COC	0.6 qt/a		A	14 EPP				
2 Durango DMA	24 oz/a		B	POST				
2 N PAK AMS	1.5 qt/a		B	POST				
3 Corvus	5.6 oz/a		A	14 EPP	100 a	100 a	100 a	98 a
3 Atrazine	1 qt/a		A	14 EPP				
3 COC	0.6 qt/a		A	14 EPP				
3 Durango DMA	24 oz/a		B	POST				
3 N PAK AMS	1.5 qt/a		B	POST				
4 Balance Bean	2 oz/a		A	14 EPP	100 a	100 a	100 a	97 a
4 Dual II Magnum	0.8 pt/a		A	14 EPP				
4 Roundup PowerMax	32 oz/a		A	14 EPP				
4 N PAK AMS	1.5 qt/a		A	14 EPP				
4 Durango DMA	24 oz/a		B	POST				
4 N PAK AMS	1.5 qt/a		B	POST				
5 Balance Bean	3 oz/a		A	14 EPP	100 a	100 a	100 a	100 a
5 Dual II Magnum	1.6 pt/a		A	14 EPP				
5 Roundup PowerMax	32 oz/a		A	14 EPP				
5 N PAK AMS	1.5 qt/a		A	14 EPP				
5 Durango DMA	24 oz/a		B	POST				
5 N PAK AMS	1.5 qt/a		B	POST				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	VERAG	ERYRE	CARPE	AMBTR
Pest Scientific Name	Veronica agres>	Erysimum repan>	Cardamine pens>	Ambrosia trifi>
Pest Name	Field speedwell	Bushy wallflow>	Pennsylvania b>	Giant ragweed
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	5-12-2015	5-12-2015	5-12-2015	5-12-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	28 28	28 28	28 28	28 28
Trt-Eval Interval	28 DA-A	28 DA-A	28 DA-A	28 DA-A
Plant-Eval Interval	13 DP-1	13 DP-1	13 DP-1	13 DP-1
Days After Emergence	4 DE-1	4 DE-1	4 DE-1	4 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	11	12	13	14
6 Zemax	1 qt/a		A	14 EPP	100 a	100 a	100 a	97 a
6 Roundup PowerMax	32 oz/a		A	14 EPP				
6 N PAK AMS	1.5 qt/a		A	14 EPP				
6 Durango DMA	24 oz/a		B	POST				
6 N PAK AMS	1.5 qt/a		B	POST				
7 Zemax	2 qt/a		A	14 EPP	100 a	100 a	100 a	98 a
7 Roundup PowerMax	32 oz/a		A	14 EPP				
7 N PAK AMS	1.5 qt/a		A	14 EPP				
7 Durango DMA	24 oz/a		B	POST				
7 N PAK AMS	1.5 qt/a		B	POST				
8 A-205	1.125 qt/a		A	14 EPP	100 a	100 a	100 a	100 a
8 Roundup PowerMax	32 oz/a		A	14 EPP				
8 N PAK AMS	1.5 qt/a		A	14 EPP				
8 Durango DMA	24 oz/a		B	POST				
8 N PAK AMS	1.5 qt/a		B	POST				
9 A-205	2.25 qt/a		A	14 EPP	100 a	100 a	100 a	100 a
9 Roundup PowerMax	32 oz/a		A	14 EPP				
9 N PAK AMS	1.5 qt/a		A	14 EPP				
9 Durango DMA	24 oz/a		B	POST				
9 N PAK AMS	1.5 qt/a		B	POST				
10 UTC					0 b	0 b	0 b	0 b
10 Durango DMA	24 oz/a		B	POST				
10 N PAK AMS	1.5 qt/a		B	POST				
LSD P=.05								4.2
Standard Deviation					0.0	0.0	0.0	2.5
CV					0.0	0.0	0.0	2.78
Grand Mean					90.0	90.0	90.0	88.6
Bartlett's X2					0.0	0.0	0.0	4.514
P(Bartlett's X2)								0.478
Skewness					-2.8091*	-2.8091*	-2.8091*	-2.7753*
Kurtosis					6.3081*	6.3081*	6.3081*	6.1846*
Replicate F					0.000	0.000	0.000	1.517
Replicate Prob(F)					1.0000	1.0000	1.0000	0.2461
Treatment F					0.000	0.000	0.000	478.995
Treatment Prob(F)					1.0000	1.0000	1.0000	0.0001

Pest Type		W Weed	W Weed	W Weed
Pest Code		ERICA	SETFA	AMBTR
Pest Scientific Name		Conyza canadensis	Setaria faberi	Ambrosia trifida
Pest Name		Canada horseweed	Giant foxtail	Giant ragweed
Crop Code	ZEAMX			
BBCH Scale	BCOR			
Crop Scientific Name	Zea mays			
Crop Name	Corn			
Rating Date	5-27-2015	5-27-2015	5-27-2015	5-27-2015
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	43 43	43 43	43 43	43 43
Trt-Eval Interval	43 DA-A	43 DA-A	43 DA-A	43 DA-A
Plant-Eval Interval	28 DP-1	28 DP-1	28 DP-1	28 DP-1
Days After Emergence	19 DE-1	19 DE-1	19 DE-1	19 DE-1
Number of Decimals	0	0	0	0

Trt	Treatment	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	15	16	17	18
1	Surestart II	3 pt/a		A	14	EPP	0 a	100 a	78 bc	88 ab
1	AAtrex	1 qt/a		A	14	EPP				
1	Durango DMA	1 qt/a		A	14	EPP				
1	2,4-D Ester	1 pt/a		A	14	EPP				
1	N PAK AMS	1.5 qt/a		A	14	EPP				
1	Durango DMA	24 oz/a		B		POST				
1	N PAK AMS	1.5 qt/a		B		POST				
2	Acuron	3 qt/a		A	14	EPP	0 a	100 a	100 a	95 a
2	AAtrex	1 qt/a		A	14	EPP				
2	COC	0.6 qt/a		A	14	EPP				
2	Durango DMA	24 oz/a		B		POST				
2	N PAK AMS	1.5 qt/a		B		POST				
3	Corvus	5.6 oz/a		A	14	EPP	0 a	100 a	99 a	83 ab
3	Atrazine	1 qt/a		A	14	EPP				
3	COC	0.6 qt/a		A	14	EPP				
3	Durango DMA	24 oz/a		B		POST				
3	N PAK AMS	1.5 qt/a		B		POST				
4	Balance Bean	2 oz/a		A	14	EPP	0 a	100 a	70 cd	63 c
4	Dual II Magnum	0.8 pt/a		A	14	EPP				
4	Roundup PowerMax	32 oz/a		A	14	EPP				
4	N PAK AMS	1.5 qt/a		A	14	EPP				
4	Durango DMA	24 oz/a		B		POST				
4	N PAK AMS	1.5 qt/a		B		POST				
5	Balance Bean	3 oz/a		A	14	EPP	0 a	100 a	95 a	78 b
5	Dual II Magnum	1.6 pt/a		A	14	EPP				
5	Roundup PowerMax	32 oz/a		A	14	EPP				
5	N PAK AMS	1.5 qt/a		A	14	EPP				
5	Durango DMA	24 oz/a		B		POST				
5	N PAK AMS	1.5 qt/a		B		POST				

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Pest Type		W Weed	W Weed	W Weed
Pest Code		ERICA	SETFA	AMBTR
Pest Scientific Name		<i>Conyza canadensis</i>	<i>Setaria faberii</i>	<i>Ambrosia trifida</i>
Pest Name		Canada horseweed	Giant foxtail	Giant ragweed
Crop Code	ZEAMX			
BBCH Scale	BCOR			
Crop Scientific Name	<i>Zea mays</i>			
Crop Name	Corn			
Rating Date	5-27-2015	5-27-2015	5-27-2015	5-27-2015
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	43 43	43 43	43 43	43 43
Trt-Eval Interval	43 DA-A	43 DA-A	43 DA-A	43 DA-A
Plant-Eval Interval	28 DP-1	28 DP-1	28 DP-1	28 DP-1
Days After Emergence	19 DE-1	19 DE-1	19 DE-1	19 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Unit	Appl Code	Appl Description	15	16	17	18
6	Zemax	1 qt/a		A	14 EPP	0 a	100 a	67 cd	63 c
6	Roundup PowerMax	32 oz/a		A	14 EPP				
6	N PAK AMS	1.5 qt/a		A	14 EPP				
6	Durango DMA	24 oz/a		B	POST				
6	N PAK AMS	1.5 qt/a		B	POST				
7	Zemax	2 qt/a		A	14 EPP	0 a	100 a	91 ab	78 b
7	Roundup PowerMax	32 oz/a		A	14 EPP				
7	N PAK AMS	1.5 qt/a		A	14 EPP				
7	Durango DMA	24 oz/a		B	POST				
7	N PAK AMS	1.5 qt/a		B	POST				
8	A-205	1.125 qt/a		A	14 EPP	0 a	100 a	63 d	77 bc
8	Roundup PowerMax	32 oz/a		A	14 EPP				
8	N PAK AMS	1.5 qt/a		A	14 EPP				
8	Durango DMA	24 oz/a		B	POST				
8	N PAK AMS	1.5 qt/a		B	POST				
9	A-205	2.25 qt/a		A	14 EPP	0 a	100 a	93 ab	85 ab
9	Roundup PowerMax	32 oz/a		A	14 EPP				
9	N PAK AMS	1.5 qt/a		A	14 EPP				
9	Durango DMA	24 oz/a		B	POST				
9	N PAK AMS	1.5 qt/a		B	POST				
10	UTC					0 a	0 b	0 e	0 d
10	Durango DMA	24 oz/a		B	POST				
10	N PAK AMS	1.5 qt/a		B	POST				
LSD P=.05						.	.	14.7	14.3
Standard Deviation						0.0	0.0	8.5	8.3
CV						0.0	0.0	11.3	11.73
Grand Mean						0.0	90.0	75.6	71.2
Bartlett's X2						0.0	0.0	20.883	6.738
P(Bartlett's X2)						.	.	0.007*	0.565
Skewness						.	-2.8091*	-1.6416*	-1.8642*
Kurtosis						.	6.3081*	2.1148*	2.9841*
Replicate F						0.000	0.000	3.133	2.952
Replicate Prob(F)						1.0000	1.0000	0.0680	0.0778
Treatment F						0.000	0.000	36.633	31.183
Treatment Prob(F)						1.0000	1.0000	0.0001	0.0001

Pest Type	W Weed	W Weed	W Weed
Pest Code	CHEAL	ERICA	SETFA
Pest Scientific Name	Chenopodium al>	Conyza canadens>	Setaria faberi
Pest Name	Common lambsqu>	Canada horsewe>	Giant foxtail
Crop Code		ZEAMX	
BBCH Scale		BCOR	
Crop Scientific Name		Zea mays	
Crop Name		Corn	
Rating Date	5-27-2015	6-30-2015	6-30-2015
Rating Type	CONTRO	PHYGEN	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	43 43	77 27	77 27
Trt-Eval Interval	43 DA-A	27 DA-B	27 DA-B
Plant-Eval Interval	28 DP-1	62 DP-1	62 DP-1
Days After Emergence	19 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0

Trt	Treatment	Other	Other	Appl	Appl	19	20	21	22
No.	Name	Rate	Rate	Unit	Code	Description			
1	Surestart II	3 qt/a		A	14	EPP	98 ab	0 a	100 a
1	AAtrex	1 qt/a		A	14	EPP			94 a
1	Durango DMA	1 qt/a		A	14	EPP			
1	2,4-D Ester	1 pt/a		A	14	EPP			
1	N PAK AMS	1.5 qt/a		A	14	EPP			
1	Durango DMA	24 oz/a		B		POST			
1	N PAK AMS	1.5 qt/a		B		POST			
2	Acuron	3 qt/a		A	14	EPP	97 ab	0 a	100 a
2	AAtrex	1 qt/a		A	14	EPP			93 ab
2	COC	0.6 qt/a		A	14	EPP			
2	Durango DMA	24 oz/a		B		POST			
2	N PAK AMS	1.5 qt/a		B		POST			
3	Corvus	5.6 oz/a		A	14	EPP	100 a	0 a	100 a
3	Atrazine	1 qt/a		A	14	EPP			86 ab
3	COC	0.6 qt/a		A	14	EPP			
3	Durango DMA	24 oz/a		B		POST			
3	N PAK AMS	1.5 qt/a		B		POST			
4	Balance Bean	2 oz/a		A	14	EPP	67 d	0 a	92 ab
4	Dual II Magnum	0.8 pt/a		A	14	EPP			86 ab
4	Roundup PowerMax	32 oz/a		A	14	EPP			
4	N PAK AMS	1.5 qt/a		A	14	EPP			
4	Durango DMA	24 oz/a		B		POST			
4	N PAK AMS	1.5 qt/a		B		POST			
5	Balance Bean	3 oz/a		A	14	EPP	83 c	0 a	90 ab
5	Dual II Magnum	1.6 pt/a		A	14	EPP			88 ab
5	Roundup PowerMax	32 oz/a		A	14	EPP			
5	N PAK AMS	1.5 qt/a		A	14	EPP			
5	Durango DMA	24 oz/a		B		POST			
5	N PAK AMS	1.5 qt/a		B		POST			

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Pest Type	W Weed	W Weed	W Weed
Pest Code	CHEAL	ERICA	SETFA
Pest Scientific Name	Chenopodium al>	Conyza canadens>	Setaria faberi
Pest Name	Common lambsqu>	Canada horsewe>	Giant foxtail
Crop Code		ZEAMX	
BBCH Scale		BCOR	
Crop Scientific Name		Zea mays	
Crop Name		Corn	
Rating Date	5-27-2015	6-30-2015	6-30-2015
Rating Type	CONTRO	PHYGEN	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	43 43	77 27	77 27
Trt-Eval Interval	43 DA-A	27 DA-B	27 DA-B
Plant-Eval Interval	28 DP-1	62 DP-1	62 DP-1
Days After Emergence	19 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0

Trt Treatment	Other Rate	Other Rate	Unit	Appl Code	Appl Description	19	20	21	22
6 Zemax	1 qt/a		A	14 EPP		63 d	0 a	75 c	83 b
6 Roundup PowerMax	32 oz/a		A	14 EPP					
6 N PAK AMS	1.5 qt/a		A	14 EPP					
6 Durango DMA	24 oz/a		B	POST					
6 N PAK AMS	1.5 qt/a		B	POST					
7 Zemax	2 qt/a		A	14 EPP		88 bc	0 a	94 ab	94 a
7 Roundup PowerMax	32 oz/a		A	14 EPP					
7 N PAK AMS	1.5 qt/a		A	14 EPP					
7 Durango DMA	24 oz/a		B	POST					
7 N PAK AMS	1.5 qt/a		B	POST					
8 A-205	1.125 qt/a		A	14 EPP		67 d	0 a	87 b	83 b
8 Roundup PowerMax	32 oz/a		A	14 EPP					
8 N PAK AMS	1.5 qt/a		A	14 EPP					
8 Durango DMA	24 oz/a		B	POST					
8 N PAK AMS	1.5 qt/a		B	POST					
9 A-205	2.25 qt/a		A	14 EPP		95 ab	0 a	98 a	90 ab
9 Roundup PowerMax	32 oz/a		A	14 EPP					
9 N PAK AMS	1.5 qt/a		A	14 EPP					
9 Durango DMA	24 oz/a		B	POST					
9 N PAK AMS	1.5 qt/a		B	POST					
10 UTC						0 e	0 a	0 d	0 c
10 Durango DMA	24 oz/a		B	POST					
10 N PAK AMS	1.5 qt/a		B	POST					
LSD P=.05						11.0	.	10.1	10.2
Standard Deviation						6.4	0.0	5.9	5.9
CV						8.43	0.0	7.08	7.46
Grand Mean						75.8	0.0	83.6	79.6
Bartlett's X2						6.136	0.0	2.769	12.524
P(Bartlett's X2)						0.524	.	0.736	0.129
Skewness						-1.5937*	.	-2.3797*	-2.5309*
Kurtosis						2.0378*	.	4.7104*	5.386*
Replicate F						12.020	0.000	0.037	0.876
Replicate Prob(F)						0.0005	1.0000	0.9636	0.4335
Treatment F						66.769	0.000	79.206	68.074
Treatment Prob(F)						0.0001	1.0000	0.0001	0.0001

Pest Type	W Weed	W Weed
Pest Code	AMBTR	CHEAL
Pest Scientific Name	Ambrosia trifida	Chenopodium album
Pest Name	Giant ragweed	Common lambsquarters
Crop Code		
BBCH Scale		
Crop Scientific Name		
Crop Name		
Rating Date	6-30-2015	6-30-2015
Rating Type	CONTRO	CONTRO
Rating Unit	%	%
Number of Subsamples	1	1
Days After First/Last Applic.	77 27	77 27
Trt-Eval Interval	27 DA-B	27 DA-B
Plant-Eval Interval	62 DP-1	62 DP-1
Days After Emergence	53 DE-1	53 DE-1
Number of Decimals	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	23	24
1	Surestart II	3 qt/a		A	14 EPP		99 a	95 ab
1	AAtrex	1 qt/a		A	14 EPP			
1	Durango DMA	1 qt/a		A	14 EPP			
1	2,4-D Ester	1 pt/a		A	14 EPP			
1	N PAK AMS	1.5 qt/a		A	14 EPP			
1	Durango DMA	24 oz/a		B	POST			
1	N PAK AMS	1.5 qt/a		B	POST			
2	Acuron	3 qt/a		A	14 EPP		100 a	96 ab
2	AAtrex	1 qt/a		A	14 EPP			
2	COC	0.6 qt/a		A	14 EPP			
2	Durango DMA	24 oz/a		B	POST			
2	N PAK AMS	1.5 qt/a		B	POST			
3	Corvus	5.6 oz/a		A	14 EPP		100 a	100 a
3	Atrazine	1 qt/a		A	14 EPP			
3	COC	0.6 qt/a		A	14 EPP			
3	Durango DMA	24 oz/a		B	POST			
3	N PAK AMS	1.5 qt/a		B	POST			
4	Balance Bean	2 oz/a		A	14 EPP		97 ab	85 bc
4	Dual II Magnum	0.8 pt/a		A	14 EPP			
4	Roundup PowerMax	32 oz/a		A	14 EPP			
4	N PAK AMS	1.5 qt/a		A	14 EPP			
4	Durango DMA	24 oz/a		B	POST			
4	N PAK AMS	1.5 qt/a		B	POST			
5	Balance Bean	3 oz/a		A	14 EPP		90 bc	88 bc
5	Dual II Magnum	1.6 pt/a		A	14 EPP			
5	Roundup PowerMax	32 oz/a		A	14 EPP			
5	N PAK AMS	1.5 qt/a		A	14 EPP			
5	Durango DMA	24 oz/a		B	POST			
5	N PAK AMS	1.5 qt/a		B	POST			

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Pest Type	W Weed	W Weed
Pest Code	AMBTR	CHEAL
Pest Scientific Name	Ambrosia trifida	Chenopodium album
Pest Name	Giant ragweed	Common lambsquarters
Crop Code		
BBCH Scale		
Crop Scientific Name		
Crop Name		
Rating Date	6-30-2015	6-30-2015
Rating Type	CONTRO	CONTRO
Rating Unit	%	%
Number of Subsamples	1	1
Days After First/Last Applic.	77 27	77 27
Trt-Eval Interval	27 DA-B	27 DA-B
Plant-Eval Interval	62 DP-1	62 DP-1
Days After Emergence	53 DE-1	53 DE-1
Number of Decimals	0	0

Trt No.	Treatment Name	Other Rate	Other Unit	Appl Code	Appl Description	23	24
6	Zemax	1 qt/a	A	14	EPP	86 c	88 bc
6	Roundup PowerMax	32 oz/a	A	14	EPP		
6	N PAK AMS	1.5 qt/a	A	14	EPP		
6	Durango DMA	24 oz/a	B		POST		
6	N PAK AMS	1.5 qt/a	B		POST		
7	Zemax	2 qt/a	A	14	EPP	85 c	88 bc
7	Roundup PowerMax	32 oz/a	A	14	EPP		
7	N PAK AMS	1.5 qt/a	A	14	EPP		
7	Durango DMA	24 oz/a	B		POST		
7	N PAK AMS	1.5 qt/a	B		POST		
8	A-205	1.125 qt/a	A	14	EPP	90 bc	83 c
8	Roundup PowerMax	32 oz/a	A	14	EPP		
8	N PAK AMS	1.5 qt/a	A	14	EPP		
8	Durango DMA	24 oz/a	B		POST		
8	N PAK AMS	1.5 qt/a	B		POST		
9	A-205	2.25 qt/a	A	14	EPP	88 bc	92 abc
9	Roundup PowerMax	32 oz/a	A	14	EPP		
9	N PAK AMS	1.5 qt/a	A	14	EPP		
9	Durango DMA	24 oz/a	B		POST		
9	N PAK AMS	1.5 qt/a	B		POST		
10	UTC					0 d	0 d
10	Durango DMA	24 oz/a	B		POST		
10	N PAK AMS	1.5 qt/a	B		POST		
LSD P=.05						9.3	11.4
Standard Deviation						5.4	6.7
CV						6.5	8.19
Grand Mean						83.5	81.5
Bartlett's X2						5.362	3.356
P(Bartlett's X2)						0.373	0.763
Skewness						-2.5016*	-2.4603*
Kurtosis						5.2253*	5.1161*
Replicate F						0.716	0.697
Replicate Prob(F)						0.5021	0.5112
Treatment F						91.085	57.091
Treatment Prob(F)						0.0001	0.0001

NoTill Corn Burndown and Residual Weed Control

Trial ID: 15NTC1 Location: Western Branch F-9 W Trial Year: 2015
Protocol ID: 15NTC1 Investigator: Dr. Mark M. Loux
Project ID: Study Director: Anthony Dobbels
Sponsor Contact:

Pest Type

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

Pest Code

ERICA, Conyza canadensis, = US
STEME, Stellaria media, = US
LAMPJ, Lamium purpureum, = US
VERAG, Veronica agrestis, = US
ERYRE, Erysimum repandum, = US
CARPE, Cardamine pensylvanica, = US
AMBTR, Ambrosia trifida, = US
SETFA, Setaria faberi, = US
CHEAL, Chenopodium album, = US

Crop Code

ZEAMX, BCOR, Zea mays, = US

Rating Type

CONTRO = control / burndown or knockdown
PHYGEN = phytotoxicity - general / injury

Rating Unit

% = percent

Plant-Eval Interval

-1 DP-1 = 1 ZEAMX 4-29-2015
13 DP-1 = 1 ZEAMX 4-29-2015
28 DP-1 = 1 ZEAMX 4-29-2015
62 DP-1 = 1 ZEAMX 4-29-2015