

Bayer University Demo - DiFlexx, Laudis Flexx

Trial ID: 15BAYERPOSTC Location: Western Branch Big E Trial Year: 2015
 Protocol ID: 15BAYERPOSTC Investigator: Dr. Mark M. Loux
 Project ID: HP15USBLF Study Director: Anthony Dobbels
 Sponsor Contact: David Lamore, Bayer CropScience

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 °: 39.8569 N
Longitude of LL Corner °: -83.67012 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: SCS 1105 AM RR/LL
Description: Seed Consultants

Planting Date: 5-3-2015
Planting Method: PLANTD planted
Planting Equipment: FPP Finger Pickup Planter
Emergence Date: 5-9-2015

Planting Rate, Unit: 32097 S/A
Depth, Unit: 2 IN
Row Spacing, Unit: 30 IN
Soil Temperature, Unit: 60 F
Soil Moisture: NORMAL normal, adequate
Seed Bed: MEDIUM medium

Pest Description

Pest 1 Type: W **Code:** SETFA *Setaria faberi*
Common Name: Giant foxtail

Pest 2 Type: W **Code:** AMBTR *Ambrosia trifida*
Common Name: Giant ragweed

Pest 3 Type: W **Code:** CHEAL *Chenopodium album*
Common Name: Common lambsquarters

Pest 4 Type: W **Code:** AMARE *Amaranthus retroflexus*
Common Name: Redroot pigweed

Pest 5 Type: W **Code:** ABUTH *Abutilon theophrasti*
Common Name: velvetleaf

Pest 6 Type: W **Code:** POLPY *Persicaria pensylvanica*
Common Name: Pennsylvania smartweed

Pest 7 Type: W **Code:** SOLPT *Solanum ptycanthum*
Common Name: Eastern black nightshade

Pest 8 Type: W **Code:** HIBTR *Hibiscus trionum*
Common Name: Venice mallow

Pest 9 Type: W **Code:** IPOHE *Ipomoea hederacea*
Common Name: Ivyleaf morningglory

Pest10 Type: W **Code:** SIDSP *Sida spinosa*
Common Name: Prickly sida

Site and Design

Treated Plot Width: 10 FT
Treated Plot Length: 30 FT
Treated Plot Area: 300 FT² **Treatments:** 16
Replications: 4

Site Type: FIELD field
Experimental Unit: 1 PLOT plot
Tillage Type: CONTIL conventional-till
Study Design: RACOB� Randomized Complete Block (RCB)

No. Previous Crop Year

1. Soybean 2014

Soil Description

Description Name: Big E
% OM: 2.8 **Texture:** SIL silt loam
pH: 5.9 **Soil Name:** Kokomo
CEC: 17.44 **Fert. Level:** G good
Soil Drainage: G good

Additional Measured Elements

Date Element Quantity Unit
4-24-2015 NH3 180 LBS

Application Description

	A	B	C
Application Date:	5-4-2015	5-22-2015	6-3-2015
Appl. Start Time:	11:00 AM	9:00 AM	9:00 AM
Appl. Stop Time:	11:20 AM	9:30 AM	9:15 AM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	PRE	EPO	POST
Application Placement:	BROSOI	BROFOL	BROFOL
Applied By:	Dobbels	Bethel	Barklay
Air Temperature, Unit:	73 F	55 F	60 F
% Relative Humidity:	45	69	85
Wind Velocity, Unit:	10 MPH	7 MPH	4 MPH
Wind Direction:	SW	WSW	NNE
Dew Presence (Y/N):	N no	N no	Y yes
Soil Temperature, Unit:	58 F	52 F	59 F
Soil Moisture:	DRY	DRY	WET
% Cloud Cover:	40	0	100
Next Moisture Occurred On:	5-5-2015	5-26-2015	6-5-2015
Time to Next Moisture, Unit:	14 HR	4 DAY	2 DAY

Crop Stage At Each Application

	A		B		C	
Crop 1 Code, BBCH Scale:	ZEAMX	BCOR	ZEAMX	BCOR	ZEAMX	BCOR
Stage Scale Used:			BBCH		BBCH	
Stage Majority, Percent:			13	100	15	100
Height, Unit:			5	IN	12	IN
Height Minimum, Maximum:			4.5	5	10	12

Pest Stage At Each Application

	A	B	C
Pest 1 Code, Type, Scale:	SETFA W	SETFA W	SETFA W
Stage Majority, Percent:		13 100	13 90
Stage Minimum, Percent:			13 90
Stage Maximum, Percent:			14 10
Height, Unit:		3 IN	5 IN
Height Minimum, Maximum:		1 3	3 6
Density, Unit:		197 M2	18.5 M2
Pest 2 Code, Type, Scale:	AMBTR W	AMBTR W	AMBTR W
Stage Majority, Percent:		12 80	14 80
Stage Minimum, Percent:		12 80	14 80
Stage Maximum, Percent:		14 20	16 20
Height, Unit:		2 IN	4 IN
Height Minimum, Maximum:		2 4	4 5
Density, Unit:		14 M2	4.5 M2
Pest 3 Code, Type, Scale:	CHEAL W	CHEAL W	CHEAL W
Stage Majority, Percent:		14 90	14 80
Stage Minimum, Percent:		12 10	14 80
Stage Maximum, Percent:		14 90	18 10
Diameter, Unit:		1 IN	
Height, Unit:		1.5 IN	1 IN
Height Minimum, Maximum:		0.5 1.5	1 2
Density, Unit:		32 M2	7.5 M2
Pest 4 Code, Type, Scale:	AMARE W	AMARE W	AMARE W
Stage Majority, Percent:		14 100	14 100
Diameter, Unit:		0.5 IN	
Height, Unit:		1 IN	1 IN
Height Minimum, Maximum:		0.5 1	
Density, Unit:		4 M2	1.25 M2
Pest 5 Code, Type, Scale:	ABUTH W	ABUTH W	ABUTH W
Stage Majority, Percent:		11 90	13 100
Stage Minimum, Percent:		10 10	
Stage Maximum, Percent:		11 90	
Diameter, Unit:		0.5 IN	
Height, Unit:		0.25 IN	1 IN
Height Minimum, Maximum:		0.25 0.5	
Density, Unit:		2 M2	1.5 m2
Pest 6 Code, Type, Scale:	POLPY W	POLPY W	POLPY W
Stage Majority, Percent:		11 100	12 100
Diameter, Unit:		0.5 IN	
Height, Unit:		1 IN	1 IN
Height Minimum, Maximum:		0.25 1	
Density, Unit:		1 M2	0.25 M2
Pest 7 Code, Type, Scale:	SOLPT W	SOLPT W	SOLPT W
Stage Majority, Percent:		12 100	
Diameter, Unit:		0.125 IN	
Height, Unit:		0.25 IN	
Height Minimum, Maximum:		0.125 0.25	
Density, Unit:		4 M2	
Pest 8 Code, Type, Scale:	HIBTR W	HIBTR W	HIBTR W
Stage Majority, Percent:		12 100	12 100
Diameter, Unit:		0.5 IN	
Height, Unit:		0.5 IN	1 IN
Height Minimum, Maximum:		0.25 0.5	1 2
Pest 9 Code, Type, Scale:	IPOHE W	IPOHE W	IPOHE W
Stage Majority, Percent:			12 100
Stage Minimum, Percent:			12
Stage Maximum, Percent:			13
Height, Unit:			2.5 IN
Height Minimum, Maximum:			2 3
Density, Unit:			0.25 m2
Pest10 Code, Type, Scale:	SIDSP W	SIDSP W	SIDSP W
Stage Majority, Percent:			12 100
Height, Unit:			1 IN

Application Equipment

	A	B	C
Appl. Equipment:	6 FOOT BOOM	10' AI XR	10' AI XR
Equipment Type:	SPRBAC	SPRBAC	SPRBAC
Operation Pressure, Unit:	46 PSI	46 PSI	46 PSI
Nozzle Type:	AI XR	AI XR	AI XR
Nozzle Size:	110015	110015	110015
Nozzle Spacing, Unit:	18 IN	18 IN	18 IN
Boom Length, Unit:	6.67 FT	10 FT	10 FT
Boom Height, Unit:	20 IN	20 IN	20 IN
Ground Speed, Unit:	3 MPH	3 MPH	3 MPH
Carrier:	WATER	WATER	WATER
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA
Mix Size, Unit:	2 Liters	3 Liters	2 Liters
Propellant:	CO2	CO2	CO2

Trt No Treatment Application Comment

207 Ran short on spray in this plot

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Pest Type		W Weed	W Weed	W Weed
Pest Code		SETFA	AMBTR	CHEAL
Pest Scientific Name		Setaria faberi	Ambrosia trifi>	Chenopodium al>
Pest Name		Giant foxtail	Giant ragweed	Common lambsqu>
Crop Code	ZEAMX			
BBCH Scale	BCOR			
Crop Scientific Name	Zea mays			
Crop Name	Corn			
Rating Date	6-3-2015	6-3-2015	6-3-2015	6-3-2015
Rating Type	PHYCHL	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	Dobbels	Dobbels	Dobbels	Dobbels
Days After First/Last Applic.	30 12	30 12	30 12	30 12
Trt-Eval Interval	AT POST	AT POST	AT POST	AT POST
Plant-Eval Interval	31 DP-1	31 DP-1	31 DP-1	31 DP-1
Days After Emergence	25 DE-1	25 DE-1	25 DE-1	25 DE-1
Number of Decimals	0	0	0	0

Trt	Treatment	Other	Other	Appl	Appl	1	2	3	4	
No.	Name	Rate	Rate	Unit	Code	Description				
1	UNTREATED						0 d	0 f	0 e	0 d
2	Balance Flexx	4 oz/a		A	PRE		0 d	71 bcd	70 bcd	75 bc
	2 Atrazine	1 qt/a		A	PRE					
	2 Roundup PowerMax	32 oz/a		C	POST					
	2 N PAK AMS	1.5 qt/a		C	POST					
3	Balance Flexx	4 oz/a		A	PRE		0 d	63 de	71 bc	73 c
	3 Atrazine	1 qt/a		A	PRE					
	3 Roundup PowerMax	32 oz/a		C	POST					
	3 DiFlexx	8 oz/a		C	POST					
	3 COC	1 % v/v		C	POST					
	3 N PAK AMS	1.5 qt/a		C	POST					
	3 Interlock	4 oz/a		C	POST					
4	Balance Flexx	4 oz/a		A	PRE		1 cd	59 de	60 cd	79 bc
	4 Atrazine	1 qt/a		A	PRE					
	4 Roundup PowerMax	32 oz/a		C	POST					
	4 DiFlexx	10 oz/a		C	POST					
	4 COC	1 % v/v		C	POST					
	4 N PAK AMS	1.5 qt/a		C	POST					
	4 Interlock	4 oz/a		C	POST					
5	Balance Flexx	4 oz/a		A	PRE		0 d	68 cd	68 bcd	80 bc
	5 Atrazine	1 qt/a		A	PRE					
	5 Roundup PowerMax	32 oz/a		C	POST					
	5 Laudis	3 oz/a		C	POST					
	5 DiFlexx	8 oz/a		C	POST					
	5 HC MSO	0.5 % v/v		C	POST					
	5 N PAK AMS	1.5 qt/a		C	POST					
	5 Interlock	4 oz/a		C	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.

Could not calculate LSD (% mean diff) for columns 8,9,16,28 because error mean square = 0.

Pest Type		W Weed	W Weed	W Weed
Pest Code		SETFA	AMBTR	CHEAL
Pest Scientific Name		Setaria faberi	Ambrosia trifi>	Chenopodium al>
Pest Name		Giant foxtail	Giant ragweed	Common lambsqu>
Crop Code	ZEAMX			
BBCH Scale	BCOR			
Crop Scientific Name	Zea mays			
Crop Name	Corn			
Rating Date	6-3-2015	6-3-2015	6-3-2015	6-3-2015
Rating Type	PHYCHL	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	Dobbels	Dobbels	Dobbels	Dobbels
Days After First/Last Applic.	30 12	30 12	30 12	30 12
Trt-Eval Interval	AT POST	AT POST	AT POST	AT POST
Plant-Eval Interval	31 DP-1	31 DP-1	31 DP-1	31 DP-1
Days After Emergence	25 DE-1	25 DE-1	25 DE-1	25 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	1	2	3	4
6	Balance Flexx	8 oz/a			A	PRE	0 d	63 de	55 cd	88 abc
6	Atrazine	1 qt/a			A	PRE				
6	Roundup PowerMax	32 oz/a			C	POST				
6	Laudis Flexx	32 oz/a			C	POST				
6	HC MSO	0.5 % v/v			C	POST				
6	N PAK AMS	1.5 qt/a			C	POST				
6	Interlock	4 oz/a			C	POST				
7	Balance Flexx	8 oz/a			A	PRE	0 d	54 de	55 cd	80 bc
7	Atrazine	1 qt/a			A	PRE				
7	Roundup PowerMax	32 oz/a			C	POST				
7	Laudis Flexx	40 oz/a			C	POST				
7	HC MSO	0.5 % v/v			C	POST				
7	N PAK AMS	1.5 qt/a			C	POST				
7	Interlock	4 oz/a			C	POST				
8	Balance Flexx	4 oz/a			A	PRE	0 d	45 e	54 d	85 abc
8	Atrazine	1 qt/a			A	PRE				
8	Roundup PowerMax	32 oz/a			C	POST				
8	Status	4 oz/a			C	POST				
8	COC	1 % v/v			C	POST				
8	N PAK AMS	1.5 qt/a			C	POST				
8	Interlock	4 oz/a			C	POST				
9	Balance Flexx	4 oz/a			B	EPO	30 a	91 a	90 a	100 a
9	Atrazine	0.75 qt/a			B	EPO				
9	Roundup PowerMax	32 oz/a			B	EPO				
9	N PAK AMS	1.5 qt/a			B	EPO				
10	Capreno	3 oz/a			B	EPO	2 bc	94 a	89 a	100 a
10	Atrazine	1 qt/a			B	EPO				
10	Roundup PowerMax	32 oz/a			B	EPO				
10	COC	1 % v/v			B	EPO				
10	N PAK AMS	1.5 qt/a			B	EPO				
10	Interlock	4 oz/a			B	EPO				
11	Capreno	3 oz/a			B	EPO	2 bc	82 abc	83 ab	90 ab
11	Atrazine	1 qt/a			B	EPO				
11	Roundup PowerMax	32 oz/a			B	EPO				
11	DiFlexx	8 oz/a			B	EPO				
11	COC	1 % v/v			B	EPO				
11	N PAK AMS	1.5 qt/a			B	EPO				
11	Interlock	4 oz/a			B	EPO				
12	Laudis	3 oz/a			B	EPO	1 cd	92 a	89 a	100 a
12	Atrazine	1 qt/a			B	EPO				
12	Roundup PowerMax	32 oz/a			B	EPO				
12	HC MSO	0.5 % v/v			B	EPO				
12	N PAK AMS	1.5 qt/a			B	EPO				

Pest Type		W Weed	W Weed	W Weed
Pest Code		SETFA	AMBTR	CHEAL
Pest Scientific Name		Setaria faberi	Ambrosia trifi>	Chenopodium al>
Pest Name		Giant foxtail	Giant ragweed	Common lambsqu>
Crop Code	ZEAMX			
BBCH Scale	BCOR			
Crop Scientific Name	Zea mays			
Crop Name	Corn			
Rating Date	6-3-2015	6-3-2015	6-3-2015	6-3-2015
Rating Type	PHYCHL	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	Dobbels	Dobbels	Dobbels	Dobbels
Days After First/Last Applic.	30 12	30 12	30 12	30 12
Trt-Eval Interval	AT POST	AT POST	AT POST	AT POST
Plant-Eval Interval	31 DP-1	31 DP-1	31 DP-1	31 DP-1
Days After Emergence	25 DE-1	25 DE-1	25 DE-1	25 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Appl Unit	Appl Code	Description	1	2	3	4
13 Laudis	3 oz/a		B	EPO		1 cd	91 a	90 a	100 a
13 Atrazine	1 qt/a		B	EPO					
13 Roundup PowerMax	32 oz/a		B	EPO					
13 DiFlexx	8 oz/a		B	EPO					
13 HC MSO	0.5 % v/v		B	EPO					
13 N PAK AMS	1.5 qt/a		B	EPO					
13 Interlock	4 oz/a		B	EPO					
14 Laudis Flexx	32 oz/a		B	EPO		1 cd	88 ab	89 a	100 a
14 Atrazine	1 qt/a		B	EPO					
14 Roundup PowerMax	32 oz/a		B	EPO					
14 HC MSO	0.5 % v/v		B	EPO					
14 N PAK AMS	1.5 qt/a		B	EPO					
14 Interlock	4 oz/a		B	EPO					
15 Laudis Flexx	40 oz/a		B	EPO		2 bcd	89 ab	95 a	100 a
15 Atrazine	1 qt/a		B	EPO					
15 Roundup PowerMax	32 oz/a		B	EPO					
15 HC MSO	0.5 % v/v		B	EPO					
15 N PAK AMS	1.5 qt/a		B	EPO					
15 Interlock	4 oz/a		B	EPO					
16 Halex GT	3.6 pt/a		B	EPO		3 b	91 a	88 a	100 a
16 Atrazine	1 qt/a		B	EPO					
16 NIS	0.25 % v/v		B	EPO					
16 N PAK AMS	1.5 qt/a		B	EPO					
LSD P=.05						1.8	17.9	16.7	16.9
Standard Deviation						1.3	12.6	11.7	11.9
CV						48.24	17.65	16.37	14.11
Grand Mean						2.6	71.2	71.5	84.3
Bartlett's X2						1.598	48.348	19.561	2.789
P(Bartlett's X2)						0.979	0.001*	0.145	0.904
Skewness						3.4818*	-1.4875*	-1.3386*	-2.1037*
Kurtosis						10.9889*	1.7308*	1.3634*	4.1941*
Replicate F						0.652	1.685	6.656	3.065
Replicate Prob(F)						0.5858	0.1837	0.0008	0.0374
Treatment F						138.588	15.563	16.827	17.279
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001

Pest Type	W Weed	W Weed	W Weed		
Pest Code	AMARE	ABUTH	POLPY		
Pest Scientific Name	Amaranthus ret>	Abutilon theop>	Persicaria pen>		
Pest Name	Redroot pigweed	velvetleaf	Pennsylvania s>		
Crop Code				ZEAMX	ZEAMX
BBCH Scale				BCOR	BCOR
Crop Scientific Name				Zea mays	Zea mays
Crop Name				Corn	Corn
Rating Date	6-3-2015	6-3-2015	6-3-2015	6-10-2015	6-17-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYCHL	PHYCHL
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
Assessed By	Dobbels	Dobbels	Dobbels	ACKELY	ACKELY
Days After First/Last Applic.	30 12	30 12	30 12	37 7	44 14
Trt-Eval Interval	AT POST	AT POST	AT POST	7 DA-C	14 DA-C
Plant-Eval Interval	31 DP-1	31 DP-1	31 DP-1	38 DP-1	45 DP-1
Days After Emergence	25 DE-1	25 DE-1	25 DE-1	32 DE-1	39 DE-1
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Unit	Appl Code	Appl Description	5	6	7	8	9
1	UNTREATED					0 b	0 c	0 b	0 b	0 b
2	Balance Flexx	4 oz/a	A	PRE		98 a	85 b	93 a	0 b	0 b
	2 Atrazine	1 qt/a	A	PRE						
	2 Roundup PowerMax	32 oz/a	C	POST						
	2 N PAK AMS	1.5 qt/a	C	POST						
3	Balance Flexx	4 oz/a	A	PRE		100 a	100 a	96 a	0 b	0 b
	3 Atrazine	1 qt/a	A	PRE						
	3 Roundup PowerMax	32 oz/a	C	POST						
	3 DiFlexx	8 oz/a	C	POST						
	3 COC	1 % v/v	C	POST						
	3 N PAK AMS	1.5 qt/a	C	POST						
	3 Interlock	4 oz/a	C	POST						
4	Balance Flexx	4 oz/a	A	PRE		100 a	96 ab	95 a	0 b	0 b
	4 Atrazine	1 qt/a	A	PRE						
	4 Roundup PowerMax	32 oz/a	C	POST						
	4 DiFlexx	10 oz/a	C	POST						
	4 COC	1 % v/v	C	POST						
	4 N PAK AMS	1.5 qt/a	C	POST						
	4 Interlock	4 oz/a	C	POST						
5	Balance Flexx	4 oz/a	A	PRE		100 a	90 ab	100 a	0 b	0 b
	5 Atrazine	1 qt/a	A	PRE						
	5 Roundup PowerMax	32 oz/a	C	POST						
	5 Laudis	3 oz/a	C	POST						
	5 DiFlexx	8 oz/a	C	POST						
	5 HC MSO	0.5 % v/v	C	POST						
	5 N PAK AMS	1.5 qt/a	C	POST						
	5 Interlock	4 oz/a	C	POST						

Pest Type	W Weed	W Weed	W Weed		
Pest Code	AMARE	ABUTH	POLPY		
Pest Scientific Name	Amaranthus ret>	Abutilon theop>	Persicaria pen>		
Pest Name	Redroot pigweed	velvetleaf	Pennsylvania s>		
Crop Code				ZEAMX	ZEAMX
BBCH Scale				BCOR	BCOR
Crop Scientific Name				Zea mays	Zea mays
Crop Name				Corn	Corn
Rating Date	6-3-2015	6-3-2015	6-3-2015	6-10-2015	6-17-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYCHL	PHYCHL
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
Assessed By	Dobbels	Dobbels	Dobbels	ACKELY	ACKELY
Days After First/Last Applic.	30 12	30 12	30 12	37 7	44 14
Trt-Eval Interval	AT POST	AT POST	AT POST	7 DA-C	14 DA-C
Plant-Eval Interval	31 DP-1	31 DP-1	31 DP-1	38 DP-1	45 DP-1
Days After Emergence	25 DE-1	25 DE-1	25 DE-1	32 DE-1	39 DE-1
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	5	6	7	8	9
6	Balance Flexx	8 oz/a			A	PRE	100 a	100 a	95 a	0 b	0 b
6	Atrazine	1 qt/a			A	PRE					
6	Roundup PowerMax	32 oz/a			C	POST					
6	Laudis Flexx	32 oz/a			C	POST					
6	HC MSO	0.5 % v/v			C	POST					
6	N PAK AMS	1.5 qt/a			C	POST					
6	Interlock	4 oz/a			C	POST					
7	Balance Flexx	8 oz/a			A	PRE	100 a	90 ab	100 a	0 b	0 b
7	Atrazine	1 qt/a			A	PRE					
7	Roundup PowerMax	32 oz/a			C	POST					
7	Laudis Flexx	40 oz/a			C	POST					
7	HC MSO	0.5 % v/v			C	POST					
7	N PAK AMS	1.5 qt/a			C	POST					
7	Interlock	4 oz/a			C	POST					
8	Balance Flexx	4 oz/a			A	PRE	100 a	100 a	95 a	0 b	0 b
8	Atrazine	1 qt/a			A	PRE					
8	Roundup PowerMax	32 oz/a			C	POST					
8	Status	4 oz/a			C	POST					
8	COC	1 % v/v			C	POST					
8	N PAK AMS	1.5 qt/a			C	POST					
8	Interlock	4 oz/a			C	POST					
9	Balance Flexx	4 oz/a			B	EPO	100 a	100 a	100 a	30 a	10 a
9	Atrazine	0.75 qt/a			B	EPO					
9	Roundup PowerMax	32 oz/a			B	EPO					
9	N PAK AMS	1.5 qt/a			B	EPO					
10	Capreno	3 oz/a			B	EPO	100 a	100 a	100 a	0 b	0 b
10	Atrazine	1 qt/a			B	EPO					
10	Roundup PowerMax	32 oz/a			B	EPO					
10	COC	1 % v/v			B	EPO					
10	N PAK AMS	1.5 qt/a			B	EPO					
10	Interlock	4 oz/a			B	EPO					
11	Capreno	3 oz/a			B	EPO	98 a	90 ab	95 a	0 b	0 b
11	Atrazine	1 qt/a			B	EPO					
11	Roundup PowerMax	32 oz/a			B	EPO					
11	DiFlexx	8 oz/a			B	EPO					
11	COC	1 % v/v			B	EPO					
11	N PAK AMS	1.5 qt/a			B	EPO					
11	Interlock	4 oz/a			B	EPO					
12	Laudis	3 oz/a			B	EPO	100 a	100 a	100 a	0 b	0 b
12	Atrazine	1 qt/a			B	EPO					
12	Roundup PowerMax	32 oz/a			B	EPO					
12	HC MSO	0.5 % v/v			B	EPO					
12	N PAK AMS	1.5 qt/a			B	EPO					

Pest Type	W Weed	W Weed	W Weed		
Pest Code	AMARE	ABUTH	POLPY		
Pest Scientific Name	Amaranthus ret>	Abutilon theop>	Persicaria pen>		
Pest Name	Redroot pigweed	velvetleaf	Pennsylvania s>		
Crop Code				ZEAMX	ZEAMX
BBCH Scale				BCOR	BCOR
Crop Scientific Name				Zea mays	Zea mays
Crop Name				Corn	Corn
Rating Date	6-3-2015	6-3-2015	6-3-2015	6-10-2015	6-17-2015
Rating Type	CONTRO	CONTRO	CONTRO	PHYCHL	PHYCHL
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
Assessed By	Dobbels	Dobbels	Dobbels	ACKELY	ACKELY
Days After First/Last Applic.	30 12	30 12	30 12	37 7	44 14
Trt-Eval Interval	AT POST	AT POST	AT POST	7 DA-C	14 DA-C
Plant-Eval Interval	31 DP-1	31 DP-1	31 DP-1	38 DP-1	45 DP-1
Days After Emergence	25 DE-1	25 DE-1	25 DE-1	32 DE-1	39 DE-1
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	5	6	7	8	9
13	Laudis	3 oz/a	B	EPO		100 a	100 a	100 a	0 b	0 b
13	Atrazine	1 qt/a	B	EPO						
13	Roundup PowerMax	32 oz/a	B	EPO						
13	DiFlexx	8 oz/a	B	EPO						
13	HC MSO	0.5 % v/v	B	EPO						
13	N PAK AMS	1.5 qt/a	B	EPO						
13	Interlock	4 oz/a	B	EPO						
14	Laudis Flexx	32 oz/a	B	EPO		100 a	100 a	100 a	0 b	0 b
14	Atrazine	1 qt/a	B	EPO						
14	Roundup PowerMax	32 oz/a	B	EPO						
14	HC MSO	0.5 % v/v	B	EPO						
14	N PAK AMS	1.5 qt/a	B	EPO						
14	Interlock	4 oz/a	B	EPO						
15	Laudis Flexx	40 oz/a	B	EPO		100 a	100 a	100 a	0 b	0 b
15	Atrazine	1 qt/a	B	EPO						
15	Roundup PowerMax	32 oz/a	B	EPO						
15	HC MSO	0.5 % v/v	B	EPO						
15	N PAK AMS	1.5 qt/a	B	EPO						
15	Interlock	4 oz/a	B	EPO						
16	Halex GT	3.6 pt/a	B	EPO		100 a	100 a	100 a	0 b	0 b
16	Atrazine	1 qt/a	B	EPO						
16	NIS	0.25 % v/v	B	EPO						
16	N PAK AMS	1.5 qt/a	B	EPO						
LSD P=.05						2.5	14.1	8.2	.	.
Standard Deviation						1.8	9.9	5.8	0.0	0.0
CV						1.91	10.88	6.29	0.0	0.0
Grand Mean						93.4	90.7	91.8	1.9	0.6
Bartlett's X2						0.0	2.915	0.339	0.0	0.0
P(Bartlett's X2)						.	0.572	0.997	.	.
Skewness						-3.6714*	-2.965*	-3.397*	3.7021*	3.7021*
Kurtosis						11.9265*	7.9085*	10.4854*	12.0825*	12.0825*
Replicate F						0.652	1.650	1.450	0.000	0.000
Replicate Prob(F)						0.5858	0.1913	0.2408	1.0000	1.0000
Treatment F						778.304	25.049	72.806	0.000	0.000
Treatment Prob(F)						0.0001	0.0001	0.0001	1.0000	1.0000

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	CHEAL	AMARE
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Chenopodium al>	Amaranthus ret>
Pest Name	Giant foxtail	Giant ragweed	Common lambsqu>	Redroot pigweed
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	6-17-2015	6-17-2015	6-17-2015	6-17-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	ACKELY	ACKELY	ACKELY	ACKELY
Days After First/Last Applic.	44 14	44 14	44 14	44 14
Trt-Eval Interval	14 DA-C	14 DA-C	14 DA-C	14 DA-C
Plant-Eval Interval	45 DP-1	45 DP-1	45 DP-1	45 DP-1
Days After Emergence	39 DE-1	39 DE-1	39 DE-1	39 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	10	11	12	13
1 UNTREATED						0 f	0 f	0 c	0 c
2 Balance Flexx	4 oz/a			A	PRE	78 abc	81 abc	100 a	100 b
2 Atrazine	1 qt/a			A	PRE				
2 Roundup PowerMax	32 oz/a			C	POST				
2 N PAK AMS	1.5 qt/a			C	POST				
3 Balance Flexx	4 oz/a			A	PRE	76 a-d	80 abc	100 a	100 a
3 Atrazine	1 qt/a			A	PRE				
3 Roundup PowerMax	32 oz/a			C	POST				
3 DiFlexx	8 oz/a			C	POST				
3 COC	1 % v/v			C	POST				
3 N PAK AMS	1.5 qt/a			C	POST				
3 Interlock	4 oz/a			C	POST				
4 Balance Flexx	4 oz/a			A	PRE	76 a-d	84 ab	100 a	100 a
4 Atrazine	1 qt/a			A	PRE				
4 Roundup PowerMax	32 oz/a			C	POST				
4 DiFlexx	10 oz/a			C	POST				
4 COC	1 % v/v			C	POST				
4 N PAK AMS	1.5 qt/a			C	POST				
4 Interlock	4 oz/a			C	POST				
5 Balance Flexx	4 oz/a			A	PRE	81 a	85 a	100 a	100 a
5 Atrazine	1 qt/a			A	PRE				
5 Roundup PowerMax	32 oz/a			C	POST				
5 Laudis	3 oz/a			C	POST				
5 DiFlexx	8 oz/a			C	POST				
5 HC MSO	0.5 % v/v			C	POST				
5 N PAK AMS	1.5 qt/a			C	POST				
5 Interlock	4 oz/a			C	POST				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	CHEAL	AMARE
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Chenopodium al>	Amaranthus ret>
Pest Name	Giant foxtail	Giant ragweed	Common lambsqu>	Redroot pigweed
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	6-17-2015	6-17-2015	6-17-2015	6-17-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	ACKELY	ACKELY	ACKELY	ACKELY
Days After First/Last Applic.	44 14	44 14	44 14	44 14
Trt-Eval Interval	14 DA-C	14 DA-C	14 DA-C	14 DA-C
Plant-Eval Interval	45 DP-1	45 DP-1	45 DP-1	45 DP-1
Days After Emergence	39 DE-1	39 DE-1	39 DE-1	39 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	10	11	12	13
6	Balance Flexx	8 oz/a			A	PRE	78 abc	81 abc	100 a	100 a
6	Atrazine	1 qt/a			A	PRE				
6	Roundup PowerMax	32 oz/a			C	POST				
6	Laudis Flexx	32 oz/a			C	POST				
6	HC MSO	0.5 % v/v			C	POST				
6	N PAK AMS	1.5 qt/a			C	POST				
6	Interlock	4 oz/a			C	POST				
7	Balance Flexx	8 oz/a			A	PRE	80 ab	81 abc	100 a	100 a
7	Atrazine	1 qt/a			A	PRE				
7	Roundup PowerMax	32 oz/a			C	POST				
7	Laudis Flexx	40 oz/a			C	POST				
7	HC MSO	0.5 % v/v			C	POST				
7	N PAK AMS	1.5 qt/a			C	POST				
7	Interlock	4 oz/a			C	POST				
8	Balance Flexx	4 oz/a			A	PRE	79 abc	73 b-e	100 a	100 a
8	Atrazine	1 qt/a			A	PRE				
8	Roundup PowerMax	32 oz/a			C	POST				
8	Status	4 oz/a			C	POST				
8	COC	1 % v/v			C	POST				
8	N PAK AMS	1.5 qt/a			C	POST				
8	Interlock	4 oz/a			C	POST				
9	Balance Flexx	4 oz/a			B	EPO	68 de	80 abc	100 a	100 a
9	Atrazine	0.75 qt/a			B	EPO				
9	Roundup PowerMax	32 oz/a			B	EPO				
9	N PAK AMS	1.5 qt/a			B	EPO				
10	Capreno	3 oz/a			B	EPO	65 e	70 cde	99 b	100 a
10	Atrazine	1 qt/a			B	EPO				
10	Roundup PowerMax	32 oz/a			B	EPO				
10	COC	1 % v/v			B	EPO				
10	N PAK AMS	1.5 qt/a			B	EPO				
10	Interlock	4 oz/a			B	EPO				
11	Capreno	3 oz/a			B	EPO	71 b-e	70 cde	100 a	100 a
11	Atrazine	1 qt/a			B	EPO				
11	Roundup PowerMax	32 oz/a			B	EPO				
11	DiFlexx	8 oz/a			B	EPO				
11	COC	1 % v/v			B	EPO				
11	N PAK AMS	1.5 qt/a			B	EPO				
11	Interlock	4 oz/a			B	EPO				
12	Laudis	3 oz/a			B	EPO	68 de	68 de	100 a	100 a
12	Atrazine	1 qt/a			B	EPO				
12	Roundup PowerMax	32 oz/a			B	EPO				
12	HC MSO	0.5 % v/v			B	EPO				
12	N PAK AMS	1.5 qt/a			B	EPO				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	CHEAL	AMARE
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Chenopodium al>	Amaranthus ret>
Pest Name	Giant foxtail	Giant ragweed	Common lambsqu>	Redroot pigweed
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	6-17-2015	6-17-2015	6-17-2015	6-17-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	ACKELY	ACKELY	ACKELY	ACKELY
Days After First/Last Applic.	44 14	44 14	44 14	44 14
Trt-Eval Interval	14 DA-C	14 DA-C	14 DA-C	14 DA-C
Plant-Eval Interval	45 DP-1	45 DP-1	45 DP-1	45 DP-1
Days After Emergence	39 DE-1	39 DE-1	39 DE-1	39 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	10	11	12	13
13	Laudis	3 oz/a		B	EPO	70 cde	78 a-d	100 a	100 a
13	Atrazine	1 qt/a		B	EPO				
13	Roundup PowerMax	32 oz/a		B	EPO				
13	DiFlexx	8 oz/a		B	EPO				
13	HC MSO	0.5 % v/v		B	EPO				
13	N PAK AMS	1.5 qt/a		B	EPO				
13	Interlock	4 oz/a		B	EPO				
14	Laudis Flexx	32 oz/a		B	EPO	68 de	65 e	100 a	100 a
14	Atrazine	1 qt/a		B	EPO				
14	Roundup PowerMax	32 oz/a		B	EPO				
14	HC MSO	0.5 % v/v		B	EPO				
14	N PAK AMS	1.5 qt/a		B	EPO				
14	Interlock	4 oz/a		B	EPO				
15	Laudis Flexx	40 oz/a		B	EPO	68 de	73 b-e	100 a	100 a
15	Atrazine	1 qt/a		B	EPO				
15	Roundup PowerMax	32 oz/a		B	EPO				
15	HC MSO	0.5 % v/v		B	EPO				
15	N PAK AMS	1.5 qt/a		B	EPO				
15	Interlock	4 oz/a		B	EPO				
16	Halex GT	3.6 pt/a		B	EPO	78 abc	73 b-e	100 a	100 a
16	Atrazine	1 qt/a		B	EPO				
16	NIS	0.25 % v/v		B	EPO				
16	N PAK AMS	1.5 qt/a		B	EPO				
LSD P=.05						8.8	12.1	0.9	0.2
Standard Deviation						6.1	8.5	0.6	0.1
CV						8.93	11.93	0.67	0.13
Grand Mean						68.8	71.2	93.7	93.7
Bartlett's X2						7.268	12.517	0.0	0.0
P(Bartlett's X2)						0.888	0.486	.	.
Skewness						-2.7404*	-2.1483*	-3.6981*	-3.702*
Kurtosis						7.9166*	6.036*	12.0627*	12.0817*
Replicate F						2.383	6.522	1.000	1.000
Replicate Prob(F)						0.0818	0.0009	0.4016	0.4016
Treatment F						38.706	22.043	6390.334	159947.683
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ABUTH	POLPY	SETFA	AMBTR
Pest Scientific Name	Abutilon theop>	Persicaria pen>	Setaria faberi	Ambrosia trifi>
Pest Name	velvetleaf	Pennsylvania s>	Giant foxtail	Giant ragweed
Crop Code			ZEAMX	
BBCH Scale			BCOR	
Crop Scientific Name			Zea mays	
Crop Name			Corn	
Rating Date	6-17-2015	6-17-2015	7-1-2015	7-1-2015
Rating Type	CONTRO	CONTRO	PHYGEN	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	ACKELY	ACKELY	ACKELY	ACKELY
Days After First/Last Applic.	44 14	44 14	58 28	58 28
Trt-Eval Interval	14 DA-C	14 DA-C	28 DA-C	28 DA-C
Plant-Eval Interval	45 DP-1	45 DP-1	59 DP-1	59 DP-1
Days After Emergence	39 DE-1	39 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0	0

Trt Treatment	Other Rate	Other Rate	Appl Unit	Appl Description	14	15	16	17	18
1 UNTREATED					0 c	0 c	0 b	0 d	0 d
2 Balance Flexx	4 oz/a		A	PRE	100 a	100 a	0 b	83 ab	86 ab
2 Atrazine	1 qt/a		A	PRE					
2 Roundup PowerMax	32 oz/a		C	POST					
2 N PAK AMS	1.5 qt/a		C	POST					
3 Balance Flexx	4 oz/a		A	PRE	100 a	100 a	0 b	83 ab	85 ab
3 Atrazine	1 qt/a		A	PRE					
3 Roundup PowerMax	32 oz/a		C	POST					
3 DiFlexx	8 oz/a		C	POST					
3 COC	1 % v/v		C	POST					
3 N PAK AMS	1.5 qt/a		C	POST					
3 Interlock	4 oz/a		C	POST					
4 Balance Flexx	4 oz/a		A	PRE	100 a	100 a	0 b	83 ab	86 a
4 Atrazine	1 qt/a		A	PRE					
4 Roundup PowerMax	32 oz/a		C	POST					
4 DiFlexx	10 oz/a		C	POST					
4 COC	1 % v/v		C	POST					
4 N PAK AMS	1.5 qt/a		C	POST					
4 Interlock	4 oz/a		C	POST					
5 Balance Flexx	4 oz/a		A	PRE	100 a	100 a	0 b	85 a	85 ab
5 Atrazine	1 qt/a		A	PRE					
5 Roundup PowerMax	32 oz/a		C	POST					
5 Laudis	3 oz/a		C	POST					
5 DiFlexx	8 oz/a		C	POST					
5 HC MSO	0.5 % v/v		C	POST					
5 N PAK AMS	1.5 qt/a		C	POST					
5 Interlock	4 oz/a		C	POST					

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ABUTH	POLPY	SETFA	AMBTR
Pest Scientific Name	Abutilon theop>	Persicaria pen>	Setaria faberi	Ambrosia trifi>
Pest Name	velvetleaf	Pennsylvania s>	Giant foxtail	Giant ragweed
Crop Code			ZEAMX	
BBCH Scale			BCOR	
Crop Scientific Name			Zea mays	
Crop Name			Corn	
Rating Date	6-17-2015	6-17-2015	7-1-2015	7-1-2015
Rating Type	CONTRO	CONTRO	PHYGEN	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	ACKELY	ACKELY	ACKELY	ACKELY
Days After First/Last Applic.	44 14	44 14	58 28	58 28
Trt-Eval Interval	14 DA-C	14 DA-C	28 DA-C	28 DA-C
Plant-Eval Interval	45 DP-1	45 DP-1	59 DP-1	59 DP-1
Days After Emergence	39 DE-1	39 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	14	15	16	17	18
6	Balance Flexx	8 oz/a			A	PRE	100 a	100 a	0 b	83 ab	85 ab
6	Atrazine	1 qt/a			A	PRE					
6	Roundup PowerMax	32 oz/a			C	POST					
6	Laudis Flexx	32 oz/a			C	POST					
6	HC MSO	0.5 % v/v			C	POST					
6	N PAK AMS	1.5 qt/a			C	POST					
6	Interlock	4 oz/a			C	POST					
7	Balance Flexx	8 oz/a			A	PRE	100 a	100 a	0 b	85 a	85 ab
7	Atrazine	1 qt/a			A	PRE					
7	Roundup PowerMax	32 oz/a			C	POST					
7	Laudis Flexx	40 oz/a			C	POST					
7	HC MSO	0.5 % v/v			C	POST					
7	N PAK AMS	1.5 qt/a			C	POST					
7	Interlock	4 oz/a			C	POST					
8	Balance Flexx	4 oz/a			A	PRE	100 a	100 a	0 b	85 a	81 abc
8	Atrazine	1 qt/a			A	PRE					
8	Roundup PowerMax	32 oz/a			C	POST					
8	Status	4 oz/a			C	POST					
8	COC	1 % v/v			C	POST					
8	N PAK AMS	1.5 qt/a			C	POST					
8	Interlock	4 oz/a			C	POST					
9	Balance Flexx	4 oz/a			B	EPO	100 a	100 a	10 a	79 bc	84 ab
9	Atrazine	0.75 qt/a			B	EPO					
9	Roundup PowerMax	32 oz/a			B	EPO					
9	N PAK AMS	1.5 qt/a			B	EPO					
10	Capreno	3 oz/a			B	EPO	99 b	99 b	0 b	75 c	79 abc
10	Atrazine	1 qt/a			B	EPO					
10	Roundup PowerMax	32 oz/a			B	EPO					
10	COC	1 % v/v			B	EPO					
10	N PAK AMS	1.5 qt/a			B	EPO					
10	Interlock	4 oz/a			B	EPO					
11	Capreno	3 oz/a			B	EPO	100 a	100 a	0 b	80 abc	80 abc
11	Atrazine	1 qt/a			B	EPO					
11	Roundup PowerMax	32 oz/a			B	EPO					
11	DiFlexx	8 oz/a			B	EPO					
11	COC	1 % v/v			B	EPO					
11	N PAK AMS	1.5 qt/a			B	EPO					
11	Interlock	4 oz/a			B	EPO					
12	Laudis	3 oz/a			B	EPO	100 a	100 a	0 b	78 bc	78 bc
12	Atrazine	1 qt/a			B	EPO					
12	Roundup PowerMax	32 oz/a			B	EPO					
12	HC MSO	0.5 % v/v			B	EPO					
12	N PAK AMS	1.5 qt/a			B	EPO					

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ABUTH	POLPY	SETFA	AMBTR
Pest Scientific Name	Abutilon theop>	Persicaria pen>	Setaria faberi	Ambrosia trifi>
Pest Name	velvetleaf	Pennsylvania s>	Giant foxtail	Giant ragweed
Crop Code			ZEAMX	
BBCH Scale			BCOR	
Crop Scientific Name			Zea mays	
Crop Name			Corn	
Rating Date	6-17-2015	6-17-2015	7-1-2015	7-1-2015
Rating Type	CONTRO	CONTRO	PHYGEN	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	ACKELY	ACKELY	ACKELY	ACKELY
Days After First/Last Applic.	44 14	44 14	58 28	58 28
Trt-Eval Interval	14 DA-C	14 DA-C	28 DA-C	28 DA-C
Plant-Eval Interval	45 DP-1	45 DP-1	59 DP-1	59 DP-1
Days After Emergence	39 DE-1	39 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate Unit	Appl Code	Appl Description	14	15	16	17	18
13 Laudis	3 oz/a		B	EPO	100 a	100 a	0 b	80 abc	85 ab
13 Atrazine	1 qt/a		B	EPO					
13 Roundup PowerMax	32 oz/a		B	EPO					
13 DiFlexx	8 oz/a		B	EPO					
13 HC MSO	0.5 % v/v		B	EPO					
13 N PAK AMS	1.5 qt/a		B	EPO					
13 Interlock	4 oz/a		B	EPO					
14 Laudis Flexx	32 oz/a		B	EPO	100 a	100 a	0 b	78 bc	75 c
14 Atrazine	1 qt/a		B	EPO					
14 Roundup PowerMax	32 oz/a		B	EPO					
14 HC MSO	0.5 % v/v		B	EPO					
14 N PAK AMS	1.5 qt/a		B	EPO					
14 Interlock	4 oz/a		B	EPO					
15 Laudis Flexx	40 oz/a		B	EPO	100 a	100 a	0 b	78 bc	80 abc
15 Atrazine	1 qt/a		B	EPO					
15 Roundup PowerMax	32 oz/a		B	EPO					
15 HC MSO	0.5 % v/v		B	EPO					
15 N PAK AMS	1.5 qt/a		B	EPO					
15 Interlock	4 oz/a		B	EPO					
16 Halex GT	3.6 pt/a		B	EPO	100 a	100 a	0 b	83 ab	80 abc
16 Atrazine	1 qt/a		B	EPO					
16 NIS	0.25 % v/v		B	EPO					
16 N PAK AMS	1.5 qt/a		B	EPO					
LSD P=.05					0.9	0.9	.	6.2	8.6
Standard Deviation					0.6	0.6	0.0	4.3	6.0
CV					0.67	0.67	0.0	5.71	7.84
Grand Mean					93.7	93.7	0.6	75.9	77.1
Bartlett's X2					0.0	0.0	0.0	4.494	8.463
P(Bartlett's X2)					.	.	.	0.973	0.671
Skewness					-3.6981*	-3.6981*	3.7021*	-3.2735*	-2.9933*
Kurtosis					12.0627*	12.0627*	12.0825*	10.1559*	9.0989*
Replicate F					1.000	1.000	0.000	6.617	6.799
Replicate Prob(F)					0.4016	0.4016	1.0000	0.0008	0.0007
Treatment F					6390.334	6390.334	0.000	89.070	47.487
Treatment Prob(F)					0.0001	0.0001	1.0000	0.0001	0.0001

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	CHEAL	AMARE	ABUTH	POLPY
Pest Scientific Name	Chenopodium al	Amaranthus ret	Abutilon theop	Persicaria pen
Pest Name	Common lambsqu	Redroot pigweed	velvetleaf	Pennsylvania s
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	7-1-2015	7-1-2015	7-1-2015	7-1-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	ACKELY	ACKELY	ACKELY	ACKELY
Days After First/Last Applic.	58 28	58 28	58 28	58 28
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C	28 DA-C
Plant-Eval Interval	59 DP-1	59 DP-1	59 DP-1	59 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Unit	Appl Code	Appl Description	19	20	21	22
1	UNTREATED					0 c	0 c	0 c	0 c
2	Balance Flexx	4 oz/a	A	PRE		100 a	100 b	100 a	100 a
	2 Atrazine	1 qt/a	A	PRE					
	2 Roundup PowerMax	32 oz/a	C	POST					
	2 N PAK AMS	1.5 qt/a	C	POST					
3	Balance Flexx	4 oz/a	A	PRE		100 a	100 a	100 a	100 a
	3 Atrazine	1 qt/a	A	PRE					
	3 Roundup PowerMax	32 oz/a	C	POST					
	3 DiFlexx	8 oz/a	C	POST					
	3 COC	1 % v/v	C	POST					
	3 N PAK AMS	1.5 qt/a	C	POST					
	3 Interlock	4 oz/a	C	POST					
4	Balance Flexx	4 oz/a	A	PRE		100 a	100 a	100 a	100 a
	4 Atrazine	1 qt/a	A	PRE					
	4 Roundup PowerMax	32 oz/a	C	POST					
	4 DiFlexx	10 oz/a	C	POST					
	4 COC	1 % v/v	C	POST					
	4 N PAK AMS	1.5 qt/a	C	POST					
	4 Interlock	4 oz/a	C	POST					
5	Balance Flexx	4 oz/a	A	PRE		100 a	100 a	100 a	100 a
	5 Atrazine	1 qt/a	A	PRE					
	5 Roundup PowerMax	32 oz/a	C	POST					
	5 Laudis	3 oz/a	C	POST					
	5 DiFlexx	8 oz/a	C	POST					
	5 HC MSO	0.5 % v/v	C	POST					
	5 N PAK AMS	1.5 qt/a	C	POST					
	5 Interlock	4 oz/a	C	POST					

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	CHEAL	AMARE	ABUTH	POLPY
Pest Scientific Name	Chenopodium al	Amaranthus ret	Abutilon theop	Persicaria pen
Pest Name	Common lambsqu	Redroot pigweed	velvetleaf	Pennsylvania s
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	7-1-2015	7-1-2015	7-1-2015	7-1-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	ACKELY	ACKELY	ACKELY	ACKELY
Days After First/Last Applic.	58 28	58 28	58 28	58 28
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C	28 DA-C
Plant-Eval Interval	59 DP-1	59 DP-1	59 DP-1	59 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	19	20	21	22
6	Balance Flexx	8 oz/a			A	PRE	100 a	100 a	100 a	100 a
6	Atrazine	1 qt/a			A	PRE				
6	Roundup PowerMax	32 oz/a			C	POST				
6	Laudis Flexx	32 oz/a			C	POST				
6	HC MSO	0.5 % v/v			C	POST				
6	N PAK AMS	1.5 qt/a			C	POST				
6	Interlock	4 oz/a			C	POST				
7	Balance Flexx	8 oz/a			A	PRE	100 a	100 a	100 a	100 a
7	Atrazine	1 qt/a			A	PRE				
7	Roundup PowerMax	32 oz/a			C	POST				
7	Laudis Flexx	40 oz/a			C	POST				
7	HC MSO	0.5 % v/v			C	POST				
7	N PAK AMS	1.5 qt/a			C	POST				
7	Interlock	4 oz/a			C	POST				
8	Balance Flexx	4 oz/a			A	PRE	100 a	100 a	100 a	100 a
8	Atrazine	1 qt/a			A	PRE				
8	Roundup PowerMax	32 oz/a			C	POST				
8	Status	4 oz/a			C	POST				
8	COC	1 % v/v			C	POST				
8	N PAK AMS	1.5 qt/a			C	POST				
8	Interlock	4 oz/a			C	POST				
9	Balance Flexx	4 oz/a			B	EPO	100 a	100 a	100 a	100 a
9	Atrazine	0.75 qt/a			B	EPO				
9	Roundup PowerMax	32 oz/a			B	EPO				
9	N PAK AMS	1.5 qt/a			B	EPO				
10	Capreno	3 oz/a			B	EPO	99 b	100 a	99 b	99 b
10	Atrazine	1 qt/a			B	EPO				
10	Roundup PowerMax	32 oz/a			B	EPO				
10	COC	1 % v/v			B	EPO				
10	N PAK AMS	1.5 qt/a			B	EPO				
10	Interlock	4 oz/a			B	EPO				
11	Capreno	3 oz/a			B	EPO	100 a	100 a	100 a	100 a
11	Atrazine	1 qt/a			B	EPO				
11	Roundup PowerMax	32 oz/a			B	EPO				
11	DiFlexx	8 oz/a			B	EPO				
11	COC	1 % v/v			B	EPO				
11	N PAK AMS	1.5 qt/a			B	EPO				
11	Interlock	4 oz/a			B	EPO				
12	Laudis	3 oz/a			B	EPO	100 a	100 a	100 a	100 a
12	Atrazine	1 qt/a			B	EPO				
12	Roundup PowerMax	32 oz/a			B	EPO				
12	HC MSO	0.5 % v/v			B	EPO				
12	N PAK AMS	1.5 qt/a			B	EPO				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	CHEAL	AMARE	ABUTH	POLPY
Pest Scientific Name	Chenopodium al>	Amaranthus ret>	Abutilon theop>	Persicaria pen>
Pest Name	Common lambsqu>	Redroot pigweed	velvetleaf	Pennsylvania s>
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	7-1-2015	7-1-2015	7-1-2015	7-1-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	ACKELY	ACKELY	ACKELY	ACKELY
Days After First/Last Applic.	58 28	58 28	58 28	58 28
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C	28 DA-C
Plant-Eval Interval	59 DP-1	59 DP-1	59 DP-1	59 DP-1
Days After Emergence	53 DE-1	53 DE-1	53 DE-1	53 DE-1
Number of Decimals	0	0	0	0

Trt Treatment	Other Rate	Other Rate	Appl Unit	Appl Code	Description	19	20	21	22
13 Laudis	3 oz/a		B	EPO		100 a	100 a	100 a	100 a
13 Atrazine	1 qt/a		B	EPO					
13 Roundup PowerMax	32 oz/a		B	EPO					
13 DiFlexx	8 oz/a		B	EPO					
13 HC MSO	0.5 % v/v		B	EPO					
13 N PAK AMS	1.5 qt/a		B	EPO					
13 Interlock	4 oz/a		B	EPO					
14 Laudis Flexx	32 oz/a		B	EPO		100 a	100 a	100 a	100 a
14 Atrazine	1 qt/a		B	EPO					
14 Roundup PowerMax	32 oz/a		B	EPO					
14 HC MSO	0.5 % v/v		B	EPO					
14 N PAK AMS	1.5 qt/a		B	EPO					
14 Interlock	4 oz/a		B	EPO					
15 Laudis Flexx	40 oz/a		B	EPO		100 a	100 a	100 a	100 a
15 Atrazine	1 qt/a		B	EPO					
15 Roundup PowerMax	32 oz/a		B	EPO					
15 HC MSO	0.5 % v/v		B	EPO					
15 N PAK AMS	1.5 qt/a		B	EPO					
15 Interlock	4 oz/a		B	EPO					
16 Halex GT	3.6 pt/a		B	EPO		100 a	100 a	100 a	100 a
16 Atrazine	1 qt/a		B	EPO					
16 NIS	0.25 % v/v		B	EPO					
16 N PAK AMS	1.5 qt/a		B	EPO					
LSD P=.05						0.9	0.2	0.9	0.9
Standard Deviation						0.6	0.1	0.6	0.6
CV						0.67	0.13	0.67	0.67
Grand Mean						93.7	93.7	93.7	93.7
Bartlett's X2						0.0	0.0	0.0	0.0
P(Bartlett's X2)					
Skewness						-3.6981*	-3.702*	-3.6981*	-3.6981*
Kurtosis						12.0627*	12.0817*	12.0627*	12.0627*
Replicate F						1.000	1.000	1.000	1.000
Replicate Prob(F)						0.4016	0.4016	0.4016	0.4016
Treatment F						6390.334	159947.683	6390.334	6390.334
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	CHEAL	AMARE
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Chenopodium al>	Amaranthus ret>
Pest Name	Giant foxtail	Giant ragweed	Common lambsqu>	Redroot pigweed
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	7-28-2015	7-28-2015	7-28-2015	7-28-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	Dobbels	Dobbels	Dobbels	Dobbels
Days After First/Last Applic.	85 55	85 55	85 55	85 55
Trt-Eval Interval	55 DA-C	55 DA-C	55 DA-C	55 DA-C
Plant-Eval Interval	86 DP-1	86 DP-1	86 DP-1	86 DP-1
Days After Emergence	80 DE-1	80 DE-1	80 DE-1	80 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	23	24	25	26
1	UNTREATED						0 e	0 d	0 c	0 c
2	Balance Flexx	4 oz/a			A	PRE	83 a	80 ab	100 a	99 b
	2 Atrazine	1 qt/a			A	PRE				
	2 Roundup PowerMax	32 oz/a			C	POST				
	2 N PAK AMS	1.5 qt/a			C	POST				
3	Balance Flexx	4 oz/a			A	PRE	84 a	76 abc	100 a	100 a
	3 Atrazine	1 qt/a			A	PRE				
	3 Roundup PowerMax	32 oz/a			C	POST				
	3 DiFlexx	8 oz/a			C	POST				
	3 COC	1 % v/v			C	POST				
	3 N PAK AMS	1.5 qt/a			C	POST				
	3 Interlock	4 oz/a			C	POST				
4	Balance Flexx	4 oz/a			A	PRE	78 abc	76 abc	100 a	100 a
	4 Atrazine	1 qt/a			A	PRE				
	4 Roundup PowerMax	32 oz/a			C	POST				
	4 DiFlexx	10 oz/a			C	POST				
	4 COC	1 % v/v			C	POST				
	4 N PAK AMS	1.5 qt/a			C	POST				
	4 Interlock	4 oz/a			C	POST				
5	Balance Flexx	4 oz/a			A	PRE	81 ab	86 a	99 a	100 a
	5 Atrazine	1 qt/a			A	PRE				
	5 Roundup PowerMax	32 oz/a			C	POST				
	5 Laudis	3 oz/a			C	POST				
	5 DiFlexx	8 oz/a			C	POST				
	5 HC MSO	0.5 % v/v			C	POST				
	5 N PAK AMS	1.5 qt/a			C	POST				
	5 Interlock	4 oz/a			C	POST				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	CHEAL	AMARE
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Chenopodium al>	Amaranthus ret>
Pest Name	Giant foxtail	Giant ragweed	Common lambsqu>	Redroot pigweed
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	7-28-2015	7-28-2015	7-28-2015	7-28-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	Dobbels	Dobbels	Dobbels	Dobbels
Days After First/Last Applic.	85 55	85 55	85 55	85 55
Trt-Eval Interval	55 DA-C	55 DA-C	55 DA-C	55 DA-C
Plant-Eval Interval	86 DP-1	86 DP-1	86 DP-1	86 DP-1
Days After Emergence	80 DE-1	80 DE-1	80 DE-1	80 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	23	24	25	26
6	Balance Flexx	8 oz/a			A	PRE	81 ab	80 ab	100 a	100 a
6	Atrazine	1 qt/a			A	PRE				
6	Roundup PowerMax	32 oz/a			C	POST				
6	Laudis Flexx	32 oz/a			C	POST				
6	HC MSO	0.5 % v/v			C	POST				
6	N PAK AMS	1.5 qt/a			C	POST				
6	Interlock	4 oz/a			C	POST				
7	Balance Flexx	8 oz/a			A	PRE	80 ab	80 ab	100 a	100 a
7	Atrazine	1 qt/a			A	PRE				
7	Roundup PowerMax	32 oz/a			C	POST				
7	Laudis Flexx	40 oz/a			C	POST				
7	HC MSO	0.5 % v/v			C	POST				
7	N PAK AMS	1.5 qt/a			C	POST				
7	Interlock	4 oz/a			C	POST				
8	Balance Flexx	4 oz/a			A	PRE	80 ab	68 bc	100 a	100 a
8	Atrazine	1 qt/a			A	PRE				
8	Roundup PowerMax	32 oz/a			C	POST				
8	Status	4 oz/a			C	POST				
8	COC	1 % v/v			C	POST				
8	N PAK AMS	1.5 qt/a			C	POST				
8	Interlock	4 oz/a			C	POST				
9	Balance Flexx	4 oz/a			B	EPO	76 bcd	69 bc	94 b	100 a
9	Atrazine	0.75 qt/a			B	EPO				
9	Roundup PowerMax	32 oz/a			B	EPO				
9	N PAK AMS	1.5 qt/a			B	EPO				
10	Capreno	3 oz/a			B	EPO	79 abc	61 c	96 ab	100 a
10	Atrazine	1 qt/a			B	EPO				
10	Roundup PowerMax	32 oz/a			B	EPO				
10	COC	1 % v/v			B	EPO				
10	N PAK AMS	1.5 qt/a			B	EPO				
10	Interlock	4 oz/a			B	EPO				
11	Capreno	3 oz/a			B	EPO	74 cd	69 bc	100 a	100 a
11	Atrazine	1 qt/a			B	EPO				
11	Roundup PowerMax	32 oz/a			B	EPO				
11	DiFlexx	8 oz/a			B	EPO				
11	COC	1 % v/v			B	EPO				
11	N PAK AMS	1.5 qt/a			B	EPO				
11	Interlock	4 oz/a			B	EPO				
12	Laudis	3 oz/a			B	EPO	74 cd	65 bc	98 ab	100 a
12	Atrazine	1 qt/a			B	EPO				
12	Roundup PowerMax	32 oz/a			B	EPO				
12	HC MSO	0.5 % v/v			B	EPO				
12	N PAK AMS	1.5 qt/a			B	EPO				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	CHEAL	AMARE
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Chenopodium al>	Amaranthus ret>
Pest Name	Giant foxtail	Giant ragweed	Common lambsqu>	Redroot pigweed
Crop Code				
BBCH Scale				
Crop Scientific Name				
Crop Name				
Rating Date	7-28-2015	7-28-2015	7-28-2015	7-28-2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Assessed By	Dobbels	Dobbels	Dobbels	Dobbels
Days After First/Last Applic.	85 55	85 55	85 55	85 55
Trt-Eval Interval	55 DA-C	55 DA-C	55 DA-C	55 DA-C
Plant-Eval Interval	86 DP-1	86 DP-1	86 DP-1	86 DP-1
Days After Emergence	80 DE-1	80 DE-1	80 DE-1	80 DE-1
Number of Decimals	0	0	0	0

Trt Treatment	Other Rate	Other Rate	Appl Unit	Appl Code	Appl Description	23	24	25	26
13 Laudis	3 oz/a		B	EPO		74 cd	69 bc	99 a	100 a
13 Atrazine	1 qt/a		B	EPO					
13 Roundup PowerMax	32 oz/a		B	EPO					
13 DiFlexx	8 oz/a		B	EPO					
13 HC MSO	0.5 % v/v		B	EPO					
13 N PAK AMS	1.5 qt/a		B	EPO					
13 Interlock	4 oz/a		B	EPO					
14 Laudis Flexx	32 oz/a		B	EPO		73 cd	70 bc	96 ab	100 a
14 Atrazine	1 qt/a		B	EPO					
14 Roundup PowerMax	32 oz/a		B	EPO					
14 HC MSO	0.5 % v/v		B	EPO					
14 N PAK AMS	1.5 qt/a		B	EPO					
14 Interlock	4 oz/a		B	EPO					
15 Laudis Flexx	40 oz/a		B	EPO		70 d	78 ab	100 a	100 a
15 Atrazine	1 qt/a		B	EPO					
15 Roundup PowerMax	32 oz/a		B	EPO					
15 HC MSO	0.5 % v/v		B	EPO					
15 N PAK AMS	1.5 qt/a		B	EPO					
15 Interlock	4 oz/a		B	EPO					
16 Halex GT	3.6 pt/a		B	EPO		81 ab	66 bc	100 a	100 a
16 Atrazine	1 qt/a		B	EPO					
16 NIS	0.25 % v/v		B	EPO					
16 N PAK AMS	1.5 qt/a		B	EPO					
LSD P=.05						6.2	16.2	4.9	0.9
Standard Deviation						4.3	11.4	3.4	0.6
CV						5.93	16.66	3.73	0.68
Grand Mean						73.0	68.2	92.5	93.7
Bartlett's X2						5.578	6.359	13.402	5.674
P(Bartlett's X2)						0.976	0.957	0.037*	0.017*
Skewness						-3.2397*	-1.6318*	-3.5723*	-3.698*
Kurtosis						9.9035*	2.9362*	11.4181*	12.062*
Replicate F						0.652	9.950	2.085	0.864
Replicate Prob(F)						0.5856	0.0001	0.1155	0.4665
Treatment F						84.302	11.701	205.883	6090.458
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001

Pest Type	W Weed	W Weed
Pest Code	ABUTH	POLPY
Pest Scientific Name	Abutilon theop>	Persicaria pen>
Pest Name	velvetleaf	Pennsylvania s>
Crop Code		
BBCH Scale		
Crop Scientific Name		
Crop Name		
Rating Date	7-28-2015	7-28-2015
Rating Type	CONTRO	CONTRO
Rating Unit	%	%
Number of Subsamples	1	1
Assessed By	Dobbels	Dobbels
Days After First/Last Applic.	85 55	85 55
Trt-Eval Interval	55 DA-C	55 DA-C
Plant-Eval Interval	86 DP-1	86 DP-1
Days After Emergence	80 DE-1	80 DE-1
Number of Decimals	0	0

Trt Treatment	Other Other	Appl Appl		
No. Name	Rate Rate	Unit Code Description	27	28

1 UNTREATED				0 c	0 b
2 Balance Flexx	4 oz/a	A	PRE	100 a	100 a
2 Atrazine	1 qt/a	A	PRE		
2 Roundup PowerMax	32 oz/a	C	POST		
2 N PAK AMS	1.5 qt/a	C	POST		
3 Balance Flexx	4 oz/a	A	PRE	100 a	100 a
3 Atrazine	1 qt/a	A	PRE		
3 Roundup PowerMax	32 oz/a	C	POST		
3 DiFlexx	8 oz/a	C	POST		
3 COC	1 % v/v	C	POST		
3 N PAK AMS	1.5 qt/a	C	POST		
3 Interlock	4 oz/a	C	POST		
4 Balance Flexx	4 oz/a	A	PRE	100 a	100 a
4 Atrazine	1 qt/a	A	PRE		
4 Roundup PowerMax	32 oz/a	C	POST		
4 DiFlexx	10 oz/a	C	POST		
4 COC	1 % v/v	C	POST		
4 N PAK AMS	1.5 qt/a	C	POST		
4 Interlock	4 oz/a	C	POST		
5 Balance Flexx	4 oz/a	A	PRE	100 a	100 a
5 Atrazine	1 qt/a	A	PRE		
5 Roundup PowerMax	32 oz/a	C	POST		
5 Laudis	3 oz/a	C	POST		
5 DiFlexx	8 oz/a	C	POST		
5 HC MSO	0.5 % v/v	C	POST		
5 N PAK AMS	1.5 qt/a	C	POST		
5 Interlock	4 oz/a	C	POST		

Pest Type	W Weed	W Weed
Pest Code	ABUTH	POLPY
Pest Scientific Name	Abutilon theop>	Persicaria pen>
Pest Name	velvetleaf	Pennsylvania s>
Crop Code		
BBCH Scale		
Crop Scientific Name		
Crop Name		
Rating Date	7-28-2015	7-28-2015
Rating Type	CONTRO	CONTRO
Rating Unit	%	%
Number of Subsamples	1	1
Assessed By	Dobbels	Dobbels
Days After First/Last Applic.	85 55	85 55
Trt-Eval Interval	55 DA-C	55 DA-C
Plant-Eval Interval	86 DP-1	86 DP-1
Days After Emergence	80 DE-1	80 DE-1
Number of Decimals	0	0

Trt No.	Treatment Name	Other Rate	Other Rate	Unit	Appl Code	Appl Description	27	28
6	Balance Flexx	8 oz/a			A	PRE	100 a	100 a
6	Atrazine	1 qt/a			A	PRE		
6	Roundup PowerMax	32 oz/a			C	POST		
6	Laudis Flexx	32 oz/a			C	POST		
6	HC MSO	0.5 % v/v			C	POST		
6	N PAK AMS	1.5 qt/a			C	POST		
6	Interlock	4 oz/a			C	POST		
7	Balance Flexx	8 oz/a			A	PRE	100 a	100 a
7	Atrazine	1 qt/a			A	PRE		
7	Roundup PowerMax	32 oz/a			C	POST		
7	Laudis Flexx	40 oz/a			C	POST		
7	HC MSO	0.5 % v/v			C	POST		
7	N PAK AMS	1.5 qt/a			C	POST		
7	Interlock	4 oz/a			C	POST		
8	Balance Flexx	4 oz/a			A	PRE	100 a	100 a
8	Atrazine	1 qt/a			A	PRE		
8	Roundup PowerMax	32 oz/a			C	POST		
8	Status	4 oz/a			C	POST		
8	COC	1 % v/v			C	POST		
8	N PAK AMS	1.5 qt/a			C	POST		
8	Interlock	4 oz/a			C	POST		
9	Balance Flexx	4 oz/a			B	EPO	100 a	100 a
9	Atrazine	0.75 qt/a			B	EPO		
9	Roundup PowerMax	32 oz/a			B	EPO		
9	N PAK AMS	1.5 qt/a			B	EPO		
10	Capreno	3 oz/a			B	EPO	96 ab	100 a
10	Atrazine	1 qt/a			B	EPO		
10	Roundup PowerMax	32 oz/a			B	EPO		
10	COC	1 % v/v			B	EPO		
10	N PAK AMS	1.5 qt/a			B	EPO		
10	Interlock	4 oz/a			B	EPO		
11	Capreno	3 oz/a			B	EPO	100 a	100 a
11	Atrazine	1 qt/a			B	EPO		
11	Roundup PowerMax	32 oz/a			B	EPO		
11	DiFlexx	8 oz/a			B	EPO		
11	COC	1 % v/v			B	EPO		
11	N PAK AMS	1.5 qt/a			B	EPO		
11	Interlock	4 oz/a			B	EPO		
12	Laudis	3 oz/a			B	EPO	100 a	100 a
12	Atrazine	1 qt/a			B	EPO		
12	Roundup PowerMax	32 oz/a			B	EPO		
12	HC MSO	0.5 % v/v			B	EPO		
12	N PAK AMS	1.5 qt/a			B	EPO		

Bayer University Demo - DiFlexx, Laudis Flexx

Trial ID: 15BAYERPOSTC	Location: Western Branch Big E	Trial Year: 2015
Protocol ID: 15BAYERPOSTC	Investigator: Dr. Mark M. Loux	
Project ID: HP15USBLF	Study Director: Anthony Dobbels	
	Sponsor Contact: David Lamore, Bayer CropScience	

Pest Type

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

Pest Code

SETFA, Setaria faberi, = US
 AMBTR, Ambrosia trifida, = US
 CHEAL, Chenopodium album, = US
 AMARE, Amaranthus retroflexus, = US
 ABUTH, Abutilon theophrasti, = US
 POLPY, Persicaria pensylvanica, = US

Crop Code

ZEAMX, BCOR, Zea mays, = US

Rating Type

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

Rating Unit

% = percent

Plant-Eval Interval

31 DP-1 = 1 ZEAMX 5-3-2015
 38 DP-1 = 1 ZEAMX 5-3-2015
 45 DP-1 = 1 ZEAMX 5-3-2015
 59 DP-1 = 1 ZEAMX 5-3-2015
 86 DP-1 = 1 ZEAMX 5-3-2015