



Ohio State University  
Horticulture and Crop Science

Application Description

	A	B	C
Application Date:	Apr-19-2012	May-10-2012	May-23-2012
Time of Day:	1:30 P.M.	9:00am	9:00AM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	PRE	EPO	POST
Application Placement:	BROSOI	BROFOL	BROFOL
Air Temperature, Unit:	76 F	53 F	69 F
% Relative Humidity:	48	55	67
Wind Velocity, Unit:	1 MPH	7 MPH	2 MPH
Wind Direction:	N	WNW	NNE
Dew Presence (Y/N):	N no	N no	N no
Soil Temperature, Unit:	60 F	51 F	67 F
Soil Moisture:	GOOD	SLI WET	DRY
% Cloud Cover:	7	0	85
Next Rain Occurred On:	Apr-21-2012	May-31-2012	Aug-31-2012

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:		14 100	15 100
Height, Unit:		3.5 in	10 IN
Height Minimum, Maximum:		2 5	10 10

Pest Stage At Each Application

	A	B	C
Pest 1 Code, Type, Scale:	SETFA W	SETFA W	SETFA W
Stage Majority, Percent:		12 100	12 100
Height, Unit:		0.5 in	1.5 IN
Height Minimum, Maximum:		0.5 0.5	1 2
Density, Unit:		266.6 M2	60 M2
Pest 2 Code, Type, Scale:	AMBTR W	AMBTR W	AMBTR W
Stage Majority, Percent:		12 100	14 100
Height, Unit:		1 in	2 IN
Height Minimum, Maximum:		1 1	1 3
Density, Unit:		28.6 M2	3 M2
Pest 3 Code, Type, Scale:	AMBEL W	AMBEL W	AMBEL W
Stage Majority, Percent:		10 100	
Height, Unit:		0.5 in	
Height Minimum, Maximum:		0.5 0.5	
Density, Unit:		1.3 M2	
Pest 4 Code, Type, Scale:	AMARE W	AMARE W	AMARE W
Stage Majority, Percent:		10 100	
Height, Unit:		0.25 in	
Height Minimum, Maximum:		0.25 0.25	
Density, Unit:		14.3 M2	
Pest 5 Code, Type, Scale:	POLPY W	POLPY W	POLPY W
Stage Majority, Percent:		12 100	
Height, Unit:		1.5 in	
Height Minimum, Maximum:		1 2	
Density, Unit:		5.2 M2	
Pest 6 Code, Type, Scale:	CHEAL W	CHEAL W	CHEAL W
Stage Majority, Percent:		12 100	
Height, Unit:		0.25 in	
Height Minimum, Maximum:		0.25 0.25	
Density, Unit:		14.3 M2	
Pest 7 Code, Type, Scale:	IPOHE W	IPOHE W	IPOHE W
Stage Majority, Percent:		12 100	12 100
Height, Unit:		1 in	1.5 IN
Height Minimum, Maximum:		1 1	1 2
Density, Unit:		2 M2	2 M2
Pest 8 Code, Type, Scale:	ABUTH W	ABUTH W	ABUTH W
Density, Unit:			1.3 M2

Application Equipment

	A	B	C
Appl. Equipment:	6 foot boom	6 foot boom	6 foot boom
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 FT	6 FT	6 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:	1 Liters	1 Liters	1 Liters
Propellant:	CO2	CO2	CO2

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## Programs for Weed Control In Corn - BASF

Title No. 2:

Trial ID: 12PrePoc3

Protocol ID: 12PrePoc3

Location: WESTERN BRANCH F-7

Study Director: Anthony F. Dobbels

Project ID:

Investigator: Dr. Mark M. Loux

Sponsor Contact: Caren Schmidt, BASF

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	POLPY	ABUTH
Pest Scientific Name	Setaria Ambrosia trifi>	Persicaria pen>	Abutilon theop>	
Pest Name	Giant foxtail	Giant ragweed	Pennsylvania s>	velvetleaf
Crop Code	ZEAMX			
BBCH Scale	BCOR			
Crop Scientific Name	Zea mays			
Crop Name	Corn			
Rating Date	May-22-2012	May-22-2012	May-22-2012	May-22-2012
Rating Type	PHYTO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	33 12	33 12	33 12	33 12
Trt-Eval Interval	33 DA-A	33 DA-A	33 DA-A	33 DA-A
Plant-Eval Interval	33 DP-1	33 DP-1	33 DP-1	33 DP-1
Days After Emergence	18 DE-1	18 DE-1	18 DE-1	18 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	1	2	3	4	5
1	UTC							0 d	0 c	0 e	0 b	0 b
2	Zidua	0.133 lb ai/a		2.5 oz/a		PRE	A	0 d	99 a	80 a	100 a	100 a
	Sharpen	0.067 lb ai/a		3 fl oz/a		PRE	A					
	AAtrex	1.5 qt/a		1.5 qt/a		PRE	A					
	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
3	Verdict	0.78 lb ai/a		18 fl oz/a		PRE	A	0 d	94 ab	72 bcd	100 a	100 a
	AAtrex	1.5 qt/a		1.5 qt/a		PRE	A					
	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
4	Corvus	0.115 lb ai/a		5.6 fl oz/a		PRE	A	1 cd	99 a	77 ab	100 a	100 a
	AAtrex	1 qt/a		1 qt/a		PRE	A					
	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
5	Zidua	0.133 lb ai/a		2.5 oz/a		PRE	A	0 d	99 a	67 d	100 a	100 a
	Sharpen	0.067 lb ai/a		3 oz/a		PRE	A					
	Armezon	0.0164 lb ai/a		0.75 fl oz/a		POST	C					
	AAtrex	1 pt/a		1 pt/a		POST	C					
	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	MSO	1 % v/v		1.2 pt/a		POST	C					
	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
6	Verdict	0.78 lb ai/a		18 fl oz/a		PRE	A	0 d	99 a	72 bcd	100 a	100 a
	Armezon	0.0164 lb ai/a		0.75 fl oz/a		POST	C					
	AAtrex	1 pt/a		1 pt/a		POST	C					
	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	MSO	1 % v/v		1.2 pt/a		POST	C					
	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
7	Surestart	0.93 lb ae/a		1.75 pt/a		PRE	A	0 d	95 ab	73 bc	100 a	100 a
	AAtrex	1 lb ai/a		1 qt/a		PRE	A					
	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
8	Zidua	0.133 lb ai/a		2.5 oz/a		EPO	B	5 b	92 b	80 a	100 a	100 a
	AAtrex	1.5 qt/a		1.5 qt/a		EPO	B					
	Armezon	0.0164 lb ai/a		0.75 fl oz/a		EPO	B					
	Roundup PowerMax	0.77 lb ae/a		22 oz/a		EPO	B					
	MSO	0.25 % v/v		4.8 oz/a		EPO	B					

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

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

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Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	SETFA	AMBTR	POLPY	ABUTH						
Pest Scientific Name	Setaria Ambrosia trifi>	Persicaria pen>	Abutilon theop>							
Pest Name	Giant foxtail	Giant ragweed	Pennsylvania s>	velvetleaf						
Crop Code	ZEAMX									
BBCH Scale	BCOR									
Crop Scientific Name	Zea mays									
Crop Name	Corn									
Rating Date	May-22-2012	May-22-2012	May-22-2012	May-22-2012						
Rating Type	PHYTO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Days After First/Last Applic.	33 12	33 12	33 12	33 12						
Trt-Eval Interval	33 DA-A	33 DA-A	33 DA-A	33 DA-A						
Plant-Eval Interval	33 DP-1	33 DP-1	33 DP-1	33 DP-1						
Days After Emergence	18 DE-1	18 DE-1	18 DE-1	18 DE-1						
Number of Decimals	0	0	0	0						
Trt Treatment No. Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	1	2	3	4	5
8 28% UAN	1.25 % v/v	24 oz/a		EPO	B					
9 Guardsman Max	2.5 lb ai/a	4 pt/a		EPO	B	7 a	96 ab	77 ab	100 a	100 a
9 Armezon	0.0164 lb ai/a	0.75 fl oz/a		EPO	B					
9 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO	B					
9 MSO	1 % v/v	19.2 oz/a		EPO	B					
9 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO	B					
10 Halex GT	2.2 lb ai/a	4 pt/a		EPO	B	2 c	95 ab	75 abc	100 a	100 a
10 AAtrex	1.5 qt/a	1.5 qt/a		EPO	B					
10 NIS	0.25 % v/v	4.8 oz/a		EPO	B					
10 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO	B					
11 Capreno	0.081 lb ai/a	3 fl oz/a		EPO	B	2 c	91 b	70 cd	100 a	100 a
11 AAtrex	1.5 qt/a	1.5 qt/a		EPO	B					
11 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO	B					
11 Superb HC	0.5 % v/v	9.6 oz/a		EPO	B					
12 Anthem	0.188 lb ai/a	12 oz/a		EPO	B	5 b	99 a	72 bcd	100 a	100 a
12 Atrazine	1 lb ai/a	1 qt/a		EPO	B					
12 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO	B					
12 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO	B					
LSD (P=.05)	1.5	5.9						6.5	0.0	0.0
Standard Deviation	0.9	3.5						3.8	0.0	0.0
CV	51.69	3.93						5.66	0.0	0.0
Replicate F	1.222	2.918						1.464	0.000	0.000
Replicate Prob(F)	0.3138	0.0752						0.2531	1.0000	1.0000
Treatment F	21.639	194.452						96.137	0.000	0.000
Treatment Prob(F)	0.0001	0.0001						0.0001	1.0000	1.0000

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Pest Type		W Weed	W Weed	W Weed								
Pest Code		AMARE	CHEAL	HIBTR								
Pest Scientific Name		Amaranthus ret>	Chenopodium al>	Hibiscus trion>								
Pest Name		Redroot pigweed	Common lambsqu>	Venice mallow								
Crop Code								ZEAMX	ZEAMX			
BBCH Scale								BCOR	BCOR			
Crop Scientific Name								Zea mays	Zea mays			
Crop Name								Corn	Corn			
Rating Date		May-22-2012	May-22-2012	May-22-2012	May-30-2012	Jun-14-2012						
Rating Type		CONTRO	CONTRO	CONTRO	PHYTO	PHYTO						
Rating Unit		%	%	%	%	%						
Number of Subsamples		1	1	1	1	1						
Days After First/Last Applic.		33 12	33 12	33 12	41 7	56 22						
Trt-Eval Interval		33 DA-A	33 DA-A	33 DA-A	7 DA-C	22 DA-C						
Plant-Eval Interval		33 DP-1	33 DP-1	33 DP-1	41 DP-1	56 DP-1						
Days After Emergence		18 DE-1	18 DE-1	18 DE-1	26 DE-1	41 DE-1						
Number of Decimals		0	0	0	0	0						
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	6	7	8	9	10
1	UTC							0 b	0 b	0 b	0 a	0 a
2	Zidua	0.133 lb ai/a		2.5 oz/a		PRE	A	100 a	100 a	100 a	0 a	0 a
	2 Sharpen	0.067 lb ai/a		3 fl oz/a		PRE	A					
	2 AAtrex	1.5 qt/a		1.5 qt/a		PRE	A					
	2 Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	2 N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
3	Verdict	0.78 lb ai/a		18 fl oz/a		PRE	A	100 a	100 a	100 a	0 a	0 a
	3 AAtrex	1.5 qt/a		1.5 qt/a		PRE	A					
	3 Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	3 N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
4	Corvus	0.115 lb ai/a		5.6 fl oz/a		PRE	A	100 a	100 a	100 a	0 a	0 a
	4 AAtrex	1 qt/a		1 qt/a		PRE	A					
	4 Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	4 N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
5	Zidua	0.133 lb ai/a		2.5 oz/a		PRE	A	100 a	100 a	100 a	0 a	0 a
	5 Sharpen	0.067 lb ai/a		3 oz/a		PRE	A					
	5 Armezon	0.0164 lb ai/a		0.75 fl oz/a		POST	C					
	5 AAtrex	1 pt/a		1 pt/a		POST	C					
	5 Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	5 MSO	1 % v/v		1.2 pt/a		POST	C					
	5 N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
6	Verdict	0.78 lb ai/a		18 fl oz/a		PRE	A	100 a	100 a	100 a	0 a	0 a
	6 Armezon	0.0164 lb ai/a		0.75 fl oz/a		POST	C					
	6 AAtrex	1 pt/a		1 pt/a		POST	C					
	6 Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	6 MSO	1 % v/v		1.2 pt/a		POST	C					
	6 N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
7	Surestart	0.93 lb ae/a		1.75 pt/a		PRE	A	100 a	100 a	100 a	0 a	0 a
	7 AAtrex	1 lb ai/a		1 qt/a		PRE	A					
	7 Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
	7 N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
8	Zidua	0.133 lb ai/a		2.5 oz/a		EPO	B	100 a	100 a	100 a	0 a	0 a
	8 AAtrex	1.5 qt/a		1.5 qt/a		EPO	B					
	8 Armezon	0.0164 lb ai/a		0.75 fl oz/a		EPO	B					
	8 Roundup PowerMax	0.77 lb ae/a		22 oz/a		EPO	B					
	8 MSO	0.25 % v/v		4.8 oz/a		EPO	B					

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Pest Type	W Weed	W Weed	W Weed							
Pest Code	AMARE	CHEAL	HIBTR							
Pest Scientific Name	Amaranthus ret>	Chenopodium al>	Hibiscus trion>							
Pest Name	Redroot pigweed	Common lambsqu>	Venice mallow							
Crop Code				ZEAMX	ZEAMX					
BBCH Scale				BCOR	BCOR					
Crop Scientific Name				Zea mays	Zea mays					
Crop Name				Corn	Corn					
Rating Date	May-22-2012	May-22-2012	May-22-2012	May-30-2012	Jun-14-2012					
Rating Type	CONTRO	CONTRO	CONTRO	PHYTO	PHYTO					
Rating Unit	%	%	%	%	%					
Number of Subsamples	1	1	1	1	1					
Days After First/Last Applic.	33 12	33 12	33 12	41 7	56 22					
Trt-Eval Interval	33 DA-A	33 DA-A	33 DA-A	7 DA-C	22 DA-C					
Plant-Eval Interval	33 DP-1	33 DP-1	33 DP-1	41 DP-1	56 DP-1					
Days After Emergence	18 DE-1	18 DE-1	18 DE-1	26 DE-1	41 DE-1					
Number of Decimals	0	0	0	0	0					
Trt Treatment	Rate	Other	Other	Growth	Appl	6	7	8	9	10
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code					
8 28% UAN	1.25 % v/v	24 oz/a		EPO	B					
9 Guardsman Max	2.5 lb ai/a	4 pt/a		EPO	B	100 a	100 a	100 a	0 a	0 a
9 Armezon	0.0164 lb ai/a	0.75 fl oz/a		EPO	B					
9 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO	B					
9 MSO	1 % v/v	19.2 oz/a		EPO	B					
9 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO	B					
10 Halex GT	2.2 lb ai/a	4 pt/a		EPO	B	100 a	100 a	100 a	0 a	0 a
10 AAtrex	1.5 qt/a	1.5 qt/a		EPO	B					
10 NIS	0.25 % v/v	4.8 oz/a		EPO	B					
10 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO	B					
11 Capreno	0.081 lb ai/a	3 fl oz/a		EPO	B	100 a	100 a	100 a	0 a	0 a
11 AAtrex	1.5 qt/a	1.5 qt/a		EPO	B					
11 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO	B					
11 Superb HC	0.5 % v/v	9.6 oz/a		EPO	B					
12 Anthem	0.188 lb ai/a	12 oz/a		EPO	B	100 a	100 a	100 a	0 a	0 a
12 Atrazine	1 lb ai/a	1 qt/a		EPO	B					
12 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO	B					
12 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO	B					
LSD (P=.05)						0.0	0.0	0.0	0.0	0.0
Standard Deviation						0.0	0.0	0.0	0.0	0.0
CV						0.0	0.0	0.0	0.0	0.0
Replicate F						0.000	0.000	0.000	0.000	0.000
Replicate Prob(F)						1.0000	1.0000	1.0000	1.0000	1.0000
Treatment F						0.000	0.000	0.000	0.000	0.000
Treatment Prob(F)						1.0000	1.0000	1.0000	1.0000	1.0000

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	SETFA	AMBTR	POLPY	ABUTH	AMARE							
Pest Scientific Name	Setaria faberi	Ambrosia trifida	Persicaria pensylvanica	Abutilon theophrasti	Amaranthus retrofractus							
Pest Name	Giant foxtail	Giant ragweed	Pennsylvania s>	velvetleaf	Redroot pigweed							
Crop Code												
BBCH Scale												
Crop Scientific Name												
Crop Name												
Rating Date	Jun-14-2012	Jun-14-2012	Jun-14-2012	Jun-14-2012	Jun-14-2012							
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO							
Rating Unit	%	%	%	%	%							
Number of Subsamples	1	1	1	1	1							
Days After First/Last Applic.	56 22	56 22	56 22	56 22	56 22							
Trt-Eval Interval	22 DA-C	22 DA-C	22 DA-C	22 DA-C	22 DA-C							
Plant-Eval Interval	56 DP-1	56 DP-1	56 DP-1	56 DP-1	56 DP-1							
Days After Emergence	41 DE-1	41 DE-1	41 DE-1	41 DE-1	41 DE-1							
Number of Decimals	0	0	0	0	0							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	11	12	13	14	15
1	UTC							0 e	0 e	0 b	0 b	0 c
2	Zidua	0.133 lb ai/a		2.5 oz/a		PRE	A	89 a	96 ab	100 a	100 a	100 a
2	Sharpen	0.067 lb ai/a		3 fl oz/a		PRE	A					
2	AAtrex	1.5 qt/a		1.5 qt/a		PRE	A					
2	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
2	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
3	Verdict	0.78 lb ai/a		18 fl oz/a		PRE	A	84 ab	97 ab	100 a	100 a	100 a
3	AAtrex	1.5 qt/a		1.5 qt/a		PRE	A					
3	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
3	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
4	Corvus	0.115 lb ai/a		5.6 fl oz/a		PRE	A	91 a	91 ab	100 a	100 a	100 a
4	AAtrex	1 qt/a		1 qt/a		PRE	A					
4	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
4	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
5	Zidua	0.133 lb ai/a		2.5 oz/a		PRE	A	88 a	89 b	100 a	100 a	100 a
5	Sharpen	0.067 lb ai/a		3 oz/a		PRE	A					
5	Armezon	0.0164 lb ai/a		0.75 fl oz/a		POST	C					
5	AAtrex	1 pt/a		1 pt/a		POST	C					
5	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
5	MSO	1 % v/v		1.2 pt/a		POST	C					
5	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
6	Verdict	0.78 lb ai/a		18 fl oz/a		PRE	A	83 abc	98 a	100 a	100 a	100 a
6	Armezon	0.0164 lb ai/a		0.75 fl oz/a		POST	C					
6	AAtrex	1 pt/a		1 pt/a		POST	C					
6	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
6	MSO	1 % v/v		1.2 pt/a		POST	C					
6	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
7	Surestart	0.93 lb ae/a		1.75 pt/a		PRE	A	84 ab	95 ab	100 a	100 a	100 a
7	AAtrex	1 lb ai/a		1 qt/a		PRE	A					
7	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C					
7	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C					
8	Zidua	0.133 lb ai/a		2.5 oz/a		EPO	B	78 bcd	77 c	100 a	100 a	100 a
8	AAtrex	1.5 qt/a		1.5 qt/a		EPO	B					
8	Armezon	0.0164 lb ai/a		0.75 fl oz/a		EPO	B					
8	Roundup PowerMax	0.77 lb ae/a		22 oz/a		EPO	B					
8	MSO	0.25 % v/v		4.8 oz/a		EPO	B					

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Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed					
Pest Code	SETFA	AMBTR	POLPY	ABUTH	AMARE					
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Persicaria pen>	Abutilon theop>	Amaranthus ret>					
Pest Name	Giant foxtail	Giant ragweed	Pennsylvania s>	velvetleaf	Redroot pigweed					
Crop Code										
BBCH Scale										
Crop Scientific Name										
Crop Name										
Rating Date	Jun-14-2012	Jun-14-2012	Jun-14-2012	Jun-14-2012	Jun-14-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%	%					
Number of Subsamples	1	1	1	1	1					
Days After First/Last Applic.	56 22	56 22	56 22	56 22	56 22					
Trt-Eval Interval	22 DA-C	22 DA-C	22 DA-C	22 DA-C	22 DA-C					
Plant-Eval Interval	56 DP-1	56 DP-1	56 DP-1	56 DP-1	56 DP-1					
Days After Emergence	41 DE-1	41 DE-1	41 DE-1	41 DE-1	41 DE-1					
Number of Decimals	0	0	0	0	0					
Trt Treatment	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	11	12	13	14	15
8 28% UAN	1.25 % v/v	24 oz/a		EPO B	B					
9 Guardsman Max	2.5 lb ai/a	4 pt/a		EPO B	B	73 d	75 c	100 a	100 a	100 a
9 Armezon	0.0164 lb ai/a	0.75 fl oz/a		EPO B	B					
9 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO B	B					
9 MSO	1 % v/v	19.2 oz/a		EPO B	B					
9 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO B	B					
10 Halex GT	2.2 lb ai/a	4 pt/a		EPO B	B	75 cd	68 cd	100 a	100 a	98 b
10 AAtrex	1.5 qt/a	1.5 qt/a		EPO B	B					
10 NIS	0.25 % v/v	4.8 oz/a		EPO B	B					
10 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO B	B					
11 Capreno	0.081 lb ai/a	3 fl oz/a		EPO B	B	70 d	65 d	100 a	100 a	100 a
11 AAtrex	1.5 qt/a	1.5 qt/a		EPO B	B					
11 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO B	B					
11 Superb HC	0.5 % v/v	9.6 oz/a		EPO B	B					
12 Anthem	0.188 lb ai/a	12 oz/a		EPO B	B	78 bcd	63 d	100 a	100 a	100 a
12 Atrazine	1 lb ai/a	1 qt/a		EPO B	B					
12 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO B	B					
12 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO B	B					
LSD (P=.05)						8.6	9.1	0.0	0.0	1.4
Standard Deviation						5.1	5.4	0.0	0.0	0.8
CV						6.85	7.06	0.0	0.0	0.91
Replicate F						0.366	1.049	0.000	0.000	1.000
Replicate Prob(F)						0.6977	0.3671	1.0000	1.0000	0.3840
Treatment F						68.359	77.406	0.000	0.000	3590.091
Treatment Prob(F)						0.0001	0.0001	1.0000	1.0000	0.0001



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Pest Type	W Weed	W Weed
Pest Code	CHEAL	HIBTR
Pest Scientific Name	Chenopodium al>	Hibiscus trion>
Pest Name	Common lambsqu>	Venice mallow
Crop Code		
B BCH Scale		
Crop Scientific Name		
Crop Name		
Rating Date	Jun-14-2012	Jun-14-2012
Rating Type	CONTRO	CONTRO
Rating Unit	%	%
Number of Subsamples	1	1
Days After First/Last Applic.	56 22	56 22
Trt-Eval Interval	22 DA-C	22 DA-C
Plant-Eval Interval	56 DP-1	56 DP-1
Days After Emergence	41 DE-1	41 DE-1
Number of Decimals	0	0

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	16	17
1	UTC							0 b	0 b
2	Zidua	0.133 lb ai/a		2.5 oz/a		PRE	A	100 a	100 a
2	Sharpen	0.067 lb ai/a		3 fl oz/a		PRE	A		
2	AAtrex	1.5 qt/a		1.5 qt/a		PRE	A		
2	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C		
2	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C		
3	Verdict	0.78 lb ai/a		18 fl oz/a		PRE	A	100 a	100 a
3	AAtrex	1.5 qt/a		1.5 qt/a		PRE	A		
3	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C		
3	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C		
4	Corvus	0.115 lb ai/a		5.6 fl oz/a		PRE	A	100 a	100 a
4	AAtrex	1 qt/a		1 qt/a		PRE	A		
4	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C		
4	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C		
5	Zidua	0.133 lb ai/a		2.5 oz/a		PRE	A	100 a	100 a
5	Sharpen	0.067 lb ai/a		3 oz/a		PRE	A		
5	Armezon	0.0164 lb ai/a		0.75 fl oz/a		POST	C		
5	AAtrex	1 pt/a		1 pt/a		POST	C		
5	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C		
5	MSO	1 % v/v		1.2 pt/a		POST	C		
5	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C		
6	Verdict	0.78 lb ai/a		18 fl oz/a		PRE	A	100 a	100 a
6	Armezon	0.0164 lb ai/a		0.75 fl oz/a		POST	C		
6	AAtrex	1 pt/a		1 pt/a		POST	C		
6	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C		
6	MSO	1 % v/v		1.2 pt/a		POST	C		
6	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C		
7	Surestart	0.93 lb ae/a		1.75 pt/a		PRE	A	100 a	100 a
7	AAtrex	1 lb ai/a		1 qt/a		PRE	A		
7	Roundup PowerMax	0.77 lb ae/a		22 oz/a		POST	C		
7	N-PAK AMS	2.5 % v/v		1.5 qt/a		POST	C		
8	Zidua	0.133 lb ai/a		2.5 oz/a		EPO	B	100 a	100 a
8	AAtrex	1.5 qt/a		1.5 qt/a		EPO	B		
8	Armezon	0.0164 lb ai/a		0.75 fl oz/a		EPO	B		
8	Roundup PowerMax	0.77 lb ae/a		22 oz/a		EPO	B		
8	MSO	0.25 % v/v		4.8 oz/a		EPO	B		

Ohio State University  
Horticulture and Crop Science

Pest Type					W Weed	W Weed			
Pest Code					CHEAL	HIBTR			
Pest Scientific Name					Chenopodium al-	Hibiscus trion>			
Pest Name					Common lambsqu	Venice mallow			
Crop Code									
BBCH Scale									
Crop Scientific Name									
Crop Name									
Rating Date					Jun-14-2012	Jun-14-2012			
Rating Type					CONTRO	CONTRO			
Rating Unit					%	%			
Number of Subsamples					1	1			
Days After First/Last Applic.					56 22	56 22			
Trt-Eval Interval					22 DA-C	22 DA-C			
Plant-Eval Interval					56 DP-1	56 DP-1			
Days After Emergence					41 DE-1	41 DE-1			
Number of Decimals					0	0			
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code		
8	28% UAN	1.25	% v/v	24	oz/a	EPO	B	16	17
9	Guardsman Max	2.5	lb ai/a	4	pt/a	EPO	B	100 a	100 a
9	Armezon	0.0164	lb ai/a	0.75	fl oz/a	EPO	B		
9	Roundup PowerMax	0.77	lb ae/a	22	oz/a	EPO	B		
9	MSO	1	% v/v	19.2	oz/a	EPO	B		
9	N-PAK AMS	2.5	% v/v	1.5	qt/a	EPO	B		
10	Halex GT	2.2	lb ai/a	4	pt/a	EPO	B	100 a	100 a
10	AAtrex	1.5	qt/a	1.5	qt/a	EPO	B		
10	NIS	0.25	% v/v	4.8	oz/a	EPO	B		
10	N-PAK AMS	2.5	% v/v	1.5	qt/a	EPO	B		
11	Capreno	0.081	lb ai/a	3	fl oz/a	EPO	B	100 a	100 a
11	AAtrex	1.5	qt/a	1.5	qt/a	EPO	B		
11	Roundup PowerMax	0.77	lb ae/a	22	oz/a	EPO	B		
11	Superb HC	0.5	% v/v	9.6	oz/a	EPO	B		
12	Anthem	0.188	lb ai/a	12	oz/a	EPO	B	100 a	100 a
12	Atrazine	1	lb ai/a	1	qt/a	EPO	B		
12	Roundup PowerMax	0.77	lb ae/a	22	oz/a	EPO	B		
12	N-PAK AMS	2.5	% v/v	1.5	qt/a	EPO	B		
LSD (P=.05)								0.0	0.0
Standard Deviation								0.0	0.0
CV								0.0	0.0
Replicate F								0.000	0.000
Replicate Prob(F)								1.0000	1.0000
Treatment F								0.000	0.000
Treatment Prob(F)								1.0000	1.0000