

Ohio State University
Horticulture and Crop Science

Bayer One Pass Weed Control Systems Corn

Title No. 2:
 Trial ID: 12CRNYLD3 Protocol ID: 12CRNYLD3
 Location: Western Branch Big E Study Director: Anthony F. Dobbels
 Project ID: HP12NARBLM Investigator: Dr. Mark M. Loux
 Sponsor Contact: Dave Lamore, Bayer CropScience

General Trial Information

Study Director: Anthony F. Dobbels Title: Research Specialist
 Investigator: Dr. Mark M. Loux Title: Professor

Trial Location

City: South Charleston Latitude of LL Corner °: 39.85767 N
 State/Prov.: Ohio Longitude of LL Corner °: 83.67005 W
 Postal Code: 45368
 Country: USA

Crop Description

Crop 1: ZEAMX Zea mays Corn
 Variety: Dekalb DKC 61-21 Description: RR/LL
 BBCH Scale: BCOR Planting Date: Apr-19-2012
 Planting Method: SEEDED seeded Rate, Unit: 32097 S/A
 Depth, Unit: 2 IN
 Row Spacing, Unit: 30 IN
 Seed Bed: MEDIUM medium Soil Temperature, Unit: 56 F
 Soil Moisture: GOOD good Emergence Date: May-4-2012

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: AMARE Amaranthus retroflexus
 Common Name: Redroot pigweed
 Pest 4 Type: W Code: AMBEL Ambrosia artemisiifolia
 Common Name: Common ragweed
 Pest 5 Type: W Code: CHEAL Chenopodium album
 Common Name: Common lambsquarters
 Pest 6 Type: W Code: ABUTH Abutilon theophrasti
 Common Name: velvetleaf

Site and Design

Plot Width, Unit: 10 FT Site Type: FIELD field
 Plot Length, Unit: 30 FT Experimental Unit: 1 PLOT plot
 Plot Area, Unit: 300 FT2 Tillage Type: CONTIL conventional-till
 Replications: 4 Study Design: RAOBL Randomized Complete Block (RCB)
 Untreated Arrangement: INCLUDED single control randomized in each block

Soil Description

Description Name: Big E
 % OM: 2.2 Texture: SICL silty clay loam
 pH: 6.1 Soil Name: Kokomo
 CEC: 14

Application Description

	A	B
Application Date:	Apr-19-2012	May-10-2012
Time of Day:	1:30 P.M.	9:00am
Application Method:	SPRAY	SPRAY
Application Timing:	PRE	EPOST
Application Placement:	BROSOI	BROFOL
Air Temperature, Unit:	76 F	53 f
% Relative Humidity:	48	55
Wind Velocity, Unit:	2 MPH	7 mph
Wind Direction:	N	WNW
Dew Presence (Y/N):	N no	N no
Soil Temperature, Unit:	60 F	51 f
Soil Moisture:	GOOD	SLIWET
% Cloud Cover:	7	0
Next Rain Occurred On:	Apr-20-2012	May-31-2012

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Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	ZEAMX BCOR	ZEAMX BCOR
Stage Scale Used:		BBCH
Stage Majority, Percent:	14	100
Height, Unit:	3.5	in
Height Minimum, Maximum:	2	5

Pest Stage At Each Application

	A	B
Pest 1 Code, Type, Scale:	SETFA W	SETFA W
Stage Majority, Percent:	12	100
Height, Unit:	0.25	in
Height Minimum, Maximum:	0.25	0.25
Density, Unit:	84	m2
Pest 2 Code, Type, Scale:	AMBTR W	AMBTR W
Stage Majority, Percent:	13	100
Height, Unit:	1.5	in
Height Minimum, Maximum:	1	2
Density, Unit:	6	m2
Pest 3 Code, Type, Scale:	AMARE W	AMARE W
Stage Majority, Percent:	10	100
Height, Unit:	0.25	in
Height Minimum, Maximum:	0.25	0.25
Density, Unit:	159.6	m2
Pest 4 Code, Type, Scale:	AMBEL W	AMBEL W
Stage Majority, Percent:	12	100
Height, Unit:	0.5	in
Height Minimum, Maximum:	0.5	0.5
Density, Unit:	1	m2
Pest 5 Code, Type, Scale:	CHEAL W	CHEAL W
Stage Majority, Percent:	12	100
Height, Unit:	0.25	in
Height Minimum, Maximum:	0.25	0.25
Density, Unit:	2.66	m2
Pest 6 Code, Type, Scale:	ABUTH W	ABUTH W
Stage Majority, Percent:	10	100
Height, Unit:	0.25	in
Height Minimum, Maximum:	0.25	0.25
Density, Unit:	2.66	m2

Application Equipment

	A	B
Appl. Equipment:	10 Foot Boom	10 Foot Boom
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:	2 Liters	2 Liters
Propellant:	CO2	CO2

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	AMBEL	CHEAL
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Ambrosia artem>	Chenopodium al>
Pest Name	Giant foxtail	Giant ragweed	Common ragweed	Common lambsqu>
Crop Code	ZEAMX			
BBCH Scale	BCOR			
Crop Scientific Name	Zea mays			
Crop Name	Corn			
Rating Date	May-14-2012	May-14-2012	May-14-2012	May-14-2012
Rating Type	PHYCHL	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Rating Timing	10 DA EMERG	10 DA EMERG	10 DA EMERG	10 DA EMERG
Days After First/Last Applic.	25 4	25 4	25 4	25 4
Trt-Eval Interval	4 DA-B	4 DA-B	4 DA-B	4 DA-B
Plant-Eval Interval	25 DP-1	25 DP-1	25 DP-1	25 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	Rate	Other	Other	Growth	Appl	1	2	3	4	5
No.	Name	Rate	Rate	Rate	Unit	Code					
1	UTC						0 b	0 d	0 e	0 d	0 c
2	Corvus	0.115 lb ai/a	5.6 oz/a			PRE A	0 b	100 a	90 a	100 a	100 a
2	Atrazine	1.5 lb ai/a	1.5 qt/a			PRE					
3	Corvus	0.115 lb ai/a	5.6 oz/a			PRE A	1 b	96 a	84 ab	100 a	100 a
3	Clarity	0.25 lb ai/a	0.5 pt/a			PRE					
4	Capreno	0.081 lb ai/a	3 oz/a			EPO B	8 a	64 c	33 d	58 c	60 b
4	Atrazine	1 lb ai/a	2 pt/a			EPO					
4	Roundup PowerMax	0.77 lb ae/a	22 oz/a			EPO					
4	N-PAK AMS	2.5 % v/v	1.5 qt/a			EPO					
5	Capreno	0.081 lb ai/a	3 oz/a			EPO B	9 a	70 bc	70 c	75 b	70 b
5	Atrazine	1 lb ai/a	2 pt/a			EPO					
5	Roundup PowerMax	0.77 lb ae/a	22 oz/a			EPO					
5	Clarity	0.5 lb ai/a	1 pt/a			EPO					
5	N-PAK AMS	2.5 % v/v	1.5 qt/a			EPO					
6	Lexar	2.78 lb ai/a	3 qt/a			PRE A	2 b	100 a	75 bc	100 a	100 a
7	Halex GT	1.97 lb ai/a	3.6 pt/a			EPO B	7 a	65 c	35 d	65 bc	65 b
7	Atrazine	1 lb ai/a	2 pt/a			EPO					
7	NIS	0.25 % v/v	4.8 oz/a			EPO					
7	N-PAK AMS	2.5 % v/v	1.5 qt/a			EPO					
8	Surestart	1.6 lb ai/a	3 pt/a			EPO B	10 a	78 b	65 c	70 b	70 b
8	Atrazine	1.5 lb ai/a	1.5 qt/a			EPO					
8	Roundup PowerMax	0.77 lb ae/a	22 oz/a			EPO					
8	N-PAK AMS	2.5 % v/v	1.5 qt/a			EPO					
LSD (P=.05)							4.0	11.7	11.7	10.1	10.5
Standard Deviation							2.7	7.9	8.0	6.9	7.1
CV							60.19	11.09	14.1	9.68	10.07

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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Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	AMARE	ABUTH	SETFA	AMBTR
Pest Scientific Name	Amaranthus ret>	Abutilon theop>	Setaria faberi	Ambrosia trifi>
Pest Name	Redroot pigweed	velvetleaf	Giant foxtail	Giant ragweed
Crop Code			ZEAMX	
BBCH Scale			BCOR	
Crop Scientific Name			Zea mays	
Crop Name			Corn	
Rating Date	May-14-2012	May-14-2012	May-22-2012	May-22-2012
Rating Type	CONTRO	CONTRO	PHYSTU	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Rating Timing	10 DA EMERG	10 DA EMERG	21 DA EMERGE	21 DA EMERGE
Days After First/Last Applic.	25 4	25 4	33 12	33 12
Trt-Eval Interval	4 DA-B	4 DA-B	33 DA-A	33 DA-A
Plant-Eval Interval	25 DP-1	25 DP-1	33 DP-1	33 DP-1
Days After Emergence	10 DE-1	10 DE-1	18 DE-1	18 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	6	7	8	9	10
1	UTC							0 d	0 d	0 b	0 b	0 c
2	Corvus	0.115 lb ai/a		5.6 oz/a		PRE	A	100 a	100 a	0 b	96 a	93 a
	2 Atrazine	1.5 lb ai/a		1.5 qt/a		PRE						
3	Corvus	0.115 lb ai/a		5.6 oz/a		PRE	A	100 a	100 a	0 b	98 a	90 a
	3 Clarity	0.25 lb ai/a		0.5 pt/a		PRE						
4	Capreno	0.081 lb ai/a		3 oz/a		EPO	B	58 c	58 c	0 b	100 a	89 ab
	4 Atrazine	1 lb ai/a		2 pt/a		EPO						
	4 Roundup PowerMax	0.77 lb ae/a		22 oz/a		EPO						
	4 N-PAK AMS	2.5 % v/v		1.5 qt/a		EPO						
5	Capreno	0.081 lb ai/a		3 oz/a		EPO	B	75 b	70 b	1 b	100 a	90 a
	5 Atrazine	1 lb ai/a		2 pt/a		EPO						
	5 Roundup PowerMax	0.77 lb ae/a		22 oz/a		EPO						
	5 Clarity	0.5 lb ai/a		1 pt/a		EPO						
	5 N-PAK AMS	2.5 % v/v		1.5 qt/a		EPO						
6	Lexar	2.78 lb ai/a		3 qt/a		PRE	A	100 a	100 a	0 b	100 a	81 b
7	Halex GT	1.97 lb ai/a		3.6 pt/a		EPO	B	65 bc	65 bc	0 b	100 a	85 ab
	7 Atrazine	1 lb ai/a		2 pt/a		EPO						
	7 NIS	0.25 % v/v		4.8 oz/a		EPO						
	7 N-PAK AMS	2.5 % v/v		1.5 qt/a		EPO						
8	Surestart	1.6 lb ai/a		3 pt/a		EPO	B	70 b	65 bc	5 a	100 a	93 a
	8 Atrazine	1.5 lb ai/a		1.5 qt/a		EPO						
	8 Roundup PowerMax	0.77 lb ae/a		22 oz/a		EPO						
	8 N-PAK AMS	2.5 % v/v		1.5 qt/a		EPO						
	LSD (P=.05)							10.1	9.7	0.8	4.0	8.0
	Standard Deviation							6.9	6.6	0.5	2.7	5.5
	CV							9.68	9.48	73.79	3.16	7.06

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Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	AMBEL	CHEAL	AMARE	ABUTH					
Pest Scientific Name	Ambrosia artem>	Chenopodium al>	Amaranthus ret>	Abutilon theop>					
Pest Name	Common ragweed	Common lambsqu>	Redroot pigweed	velvetleaf					
Crop Code									
BBCH Scale									
Crop Scientific Name									
Crop Name									
Rating Date	May-22-2012	May-22-2012	May-22-2012	May-22-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing	21 DA EMERGE	21 DA EMERGE	21 DA EMERGE	21 DA EMERGE					
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	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	11	12	13	14
1 UTC						0 b	0 b	0 b	0 b
2 Corvus	0.115 lb ai/a	5.6 oz/a		PRE	A	100 a	100 a	100 a	100 a
2 Atrazine	1.5 lb ai/a	1.5 qt/a		PRE					
3 Corvus	0.115 lb ai/a	5.6 oz/a		PRE	A	100 a	100 a	100 a	100 a
3 Clarity	0.25 lb ai/a	0.5 pt/a		PRE					
4 Capreno	0.081 lb ai/a	3 oz/a		EPO	B	100 a	100 a	100 a	100 a
4 Atrazine	1 lb ai/a	2 pt/a		EPO					
4 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO					
4 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO					
5 Capreno	0.081 lb ai/a	3 oz/a		EPO	B	100 a	100 a	100 a	100 a
5 Atrazine	1 lb ai/a	2 pt/a		EPO					
5 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO					
5 Clarity	0.5 lb ai/a	1 pt/a		EPO					
5 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO					
6 Lexar	2.78 lb ai/a	3 qt/a		PRE	A	100 a	100 a	100 a	100 a
7 Halex GT	1.97 lb ai/a	3.6 pt/a		EPO	B	100 a	100 a	100 a	100 a
7 Atrazine	1 lb ai/a	2 pt/a		EPO					
7 NIS	0.25 % v/v	4.8 oz/a		EPO					
7 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO					
8 Surestart	1.6 lb ai/a	3 pt/a		EPO	B	100 a	100 a	100 a	100 a
8 Atrazine	1.5 lb ai/a	1.5 qt/a		EPO					
8 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO					
8 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO					
LSD (P=.05)						0.0	0.0	0.0	0.0
Standard Deviation						0.0	0.0	0.0	0.0
CV						0.0	0.0	0.0	0.0

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Trt	Treatment	Rate	Other	Other	Growth	Appl	15	16	17	18	19
No.	Name	Rate	Rate	Rate	Unit	Code					
	1 UTC						0 b	0 a	0 e	0 d	0 b
2	Corvus	0.115 lb ai/a	5.6 oz/a		PRE	A	100 a	0 a	91 ab	86 a	100 a
	2 Atrazine	1.5 lb ai/a	1.5 qt/a		PRE						
3	Corvus	0.115 lb ai/a	5.6 oz/a		PRE	A	100 a	0 a	74 d	88 a	100 a
	3 Clarity	0.25 lb ai/a	0.5 pt/a		PRE						
4	Capreno	0.081 lb ai/a	3 oz/a		EPO	B	100 a	0 a	79 cd	73 abc	100 a
	4 Atrazine	1 lb ai/a	2 pt/a		EPO						
	4 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO						
	4 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO						
5	Capreno	0.081 lb ai/a	3 oz/a		EPO	B	100 a	3 a	86 abc	83 ab	100 a
	5 Atrazine	1 lb ai/a	2 pt/a		EPO						
	5 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO						
	5 Clarity	0.5 lb ai/a	1 pt/a		EPO						
	5 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO						
6	Lexar	2.78 lb ai/a	3 qt/a		PRE	A	100 a	1 a	94 a	55 c	100 a
7	Halex GT	1.97 lb ai/a	3.6 pt/a		EPO	B	100 a	0 a	84 bc	68 bc	100 a
	7 Atrazine	1 lb ai/a	2 pt/a		EPO						
	7 NIS	0.25 % v/v	4.8 oz/a		EPO						
	7 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO						
8	Surestart	1.6 lb ai/a	3 pt/a		EPO	B	100 a	1 a	91 ab	83 ab	100 a
	8 Atrazine	1.5 lb ai/a	1.5 qt/a		EPO						
	8 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO						
	8 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO						
	LSD (P=.05)						0.0	2.2	8.4	18.5	0.0
	Standard Deviation						0.0	1.5	5.7	12.5	0.0
	CV						0.0	264.19	7.67	18.79	0.0

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	POLPY	SETFA	AMBTR	AMBEL
Pest Scientific Name	Persicaria pen>	Setaria faberi	Ambrosia trifi>	Ambrosia artem>
Pest Name	Pennsylvania s>	Giant foxtail	Giant ragweed	Common ragweed
Crop Code		ZEAMX		
BBCH Scale		BCOR		
Crop Scientific Name		Zea mays		
Crop Name		Corn		
Rating Date	May-22-2012	Jun-13-2012	Jun-13-2012	Jun-13-2012
Rating Type	CONTRO	PHYGEN	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Rating Timing	21 DA			
Days After First/Last Applic.	EMERGE			
Trt-Eval Interval	33 12	55 34	55 34	55 34
Plant-Eval Interval	33 DA-A	34 DA-B	34 DA-B	34 DA-B
Days After Emergence	33 DP-1	55 DP-1	55 DP-1	55 DP-1
Number of Decimals	18 DE-1	40 DE-1	40 DE-1	40 DE-1
	0	0	0	0

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	CHEAL	AMARE	ABUTH	POLPY	SETFA						
Pest Scientific Name	Chenopodium al-	Amaranthus ret>	Abutilon theop>	Persicaria pen>	Setaria faberi						
Pest Name	Common lambsqu>	Redroot pigweed	velvetleaf	Pennsylvania s>	Giant foxtail						
Crop Code											
BBCH Scale											
Crop Scientific Name											
Crop Name											
Rating Date	Jun-13-2012	Jun-13-2012	Jun-13-2012	Jun-13-2012	Jul-2-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%	%						
Number of Subsamples	1	1	1	1	1						
Rating Timing											
Days After First/Last Applic.	55 34	55 34	55 34	55 34	74 53						
Trt-Eval Interval	34 DA-B	34 DA-B	34 DA-B	34 DA-B	53 DA-B						
Plant-Eval Interval	55 DP-1	55 DP-1	55 DP-1	55 DP-1	74 DP-1						
Days After Emergence	40 DE-1	40 DE-1	40 DE-1	40 DE-1	59 DE-1						
Number of Decimals	0	0	0	0	0						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Unit	Appl Code	20	21	22	23	24
1	UTC						0 b	0 b	0 b	0 b	0 d
2	Corvus	0.115 lb ai/a	5.6 oz/a		PRE	A	100 a	100 a	100 a	100 a	94 a
	2 Atrazine	1.5 lb ai/a	1.5 qt/a		PRE						
3	Corvus	0.115 lb ai/a	5.6 oz/a		PRE	A	100 a	95 a	100 a	100 a	88 bc
	3 Clarity	0.25 lb ai/a	0.5 pt/a		PRE						
4	Capreno	0.081 lb ai/a	3 oz/a		EPO	B	100 a	90 a	94 a	100 a	90 abc
	4 Atrazine	1 lb ai/a	2 pt/a		EPO						
	4 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO						
	4 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO						
5	Capreno	0.081 lb ai/a	3 oz/a		EPO	B	100 a	96 a	96 a	100 a	86 c
	5 Atrazine	1 lb ai/a	2 pt/a		EPO						
	5 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO						
	5 Clarity	0.5 lb ai/a	1 pt/a		EPO						
	5 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO						
6	Lexar	2.78 lb ai/a	3 qt/a		PRE	A	100 a	94 a	99 a	100 a	93 ab
7	Halex GT	1.97 lb ai/a	3.6 pt/a		EPO	B	98 a	93 a	98 a	100 a	95 a
	7 Atrazine	1 lb ai/a	2 pt/a		EPO						
	7 NIS	0.25 % v/v	4.8 oz/a		EPO						
	7 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO						
8	Surestart	1.6 lb ai/a	3 pt/a		EPO	B	100 a	96 a	94 a	100 a	93 ab
	8 Atrazine	1.5 lb ai/a	1.5 qt/a		EPO						
	8 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO						
	8 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO						
	LSD (P=.05)						2.6	12.5	7.8	0.0	6.2
	Standard Deviation						1.8	8.5	5.3	0.0	4.2
	CV						2.03	10.26	6.26	0.0	5.24

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Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	AMBTR	AMBEL	CHEAL	AMARE						
Pest Scientific Name	Ambrosia trifi>	Ambrosia artem>	Chenopodium al>	Amaranthus ret>						
Pest Name	Giant ragweed	Common ragweed	Common lambsqu>	Redroot pigweed						
Crop Code										
BBCH Scale										
Crop Scientific Name										
Crop Name										
Rating Date	Jul-2-2012	Jul-2-2012	Jul-2-2012	Jul-2-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	74 53	74 53	74 53	74 53						
Trt-Eval Interval	53 DA-B	53 DA-B	53 DA-B	53 DA-B						
Plant-Eval Interval	74 DP-1	74 DP-1	74 DP-1	74 DP-1						
Days After Emergence	59 DE-1	59 DE-1	59 DE-1	59 DE-1						
Number of Decimals	0	0	0	0						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	25	26	27	28
1	UTC						0 d	0 b	0 b	0 b
2	Corvus	0.115 lb ai/a	5.6 oz/a		PRE	A	91 a	100 a	100 a	96 a
	2 Atrazine	1.5 lb ai/a	1.5 qt/a		PRE					
3	Corvus	0.115 lb ai/a	5.6 oz/a		PRE	A	90 a	100 a	100 a	100 a
	3 Clarity	0.25 lb ai/a	0.5 pt/a		PRE					
4	Capreno	0.081 lb ai/a	3 oz/a		EPO	B	74 bc	100 a	100 a	100 a
	4 Atrazine	1 lb ai/a	2 pt/a		EPO					
	4 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO					
	4 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO					
5	Capreno	0.081 lb ai/a	3 oz/a		EPO	B	83 ab	100 a	100 a	98 a
	5 Atrazine	1 lb ai/a	2 pt/a		EPO					
	5 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO					
	5 Clarity	0.5 lb ai/a	1 pt/a		EPO					
	5 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO					
6	Lexar	2.78 lb ai/a	3 qt/a		PRE	A	60 c	100 a	95 a	95 a
7	Halex GT	1.97 lb ai/a	3.6 pt/a		EPO	B	68 bc	100 a	100 a	100 a
	7 Atrazine	1 lb ai/a	2 pt/a		EPO					
	7 NIS	0.25 % v/v	4.8 oz/a		EPO					
	7 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO					
8	Surestart	1.6 lb ai/a	3 pt/a		EPO	B	76 ab	100 a	100 a	95 a
	8 Atrazine	1.5 lb ai/a	1.5 qt/a		EPO					
	8 Roundup PowerMax	0.77 lb ae/a	22 oz/a		EPO					
	8 N-PAK AMS	2.5 % v/v	1.5 qt/a		EPO					
	LSD (P=.05)						15.7	0.0	5.2	8.3
	Standard Deviation						10.7	0.0	3.5	5.7
	CV						15.81	0.0	4.07	6.62

Ohio State University
Horticulture and Crop Science

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						Jul-2-2012	Jul-2-2012		
Rating Type						CONTRO	CONTRO		
Rating Unit						%	%		
Number of Subsamples						1	1		
Rating Timing									
Days After First/Last Applic.						74 53	74 53		
Trt-Eval Interval						53 DA-B	53 DA-B		
Plant-Eval Interval						74 DP-1	74 DP-1		
Days After Emergence						59 DE-1	59 DE-1		
Number of Decimals						0	0		
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Rate	Growth Stage	Appl Code	29	30
1	UTC							0 b	0 b
2	Corvus	0.115 lb ai/a		5.6 oz/a		PRE	A	100 a	100 a
2	Atrazine	1.5 lb ai/a		1.5 qt/a		PRE			
3	Corvus	0.115 lb ai/a		5.6 oz/a		PRE	A	100 a	100 a
3	Clarity	0.25 lb ai/a		0.5 pt/a		PRE			
4	Capreno	0.081 lb ai/a		3 oz/a		EPO	B	100 a	100 a
4	Atrazine	1 lb ai/a		2 pt/a		EPO			
4	Roundup PowerMax	0.77 lb ae/a		22 oz/a		EPO			
4	N-PAK AMS	2.5 % v/v		1.5 qt/a		EPO			
5	Capreno	0.081 lb ai/a		3 oz/a		EPO	B	96 a	100 a
5	Atrazine	1 lb ai/a		2 pt/a		EPO			
5	Roundup PowerMax	0.77 lb ae/a		22 oz/a		EPO			
5	Clarity	0.5 lb ai/a		1 pt/a		EPO			
5	N-PAK AMS	2.5 % v/v		1.5 qt/a		EPO			
6	Lexar	2.78 lb ai/a		3 qt/a		PRE	A	100 a	100 a
7	Halex GT	1.97 lb ai/a		3.6 pt/a		EPO	B	100 a	100 a
7	Atrazine	1 lb ai/a		2 pt/a		EPO			
7	NIS	0.25 % v/v		4.8 oz/a		EPO			
7	N-PAK AMS	2.5 % v/v		1.5 qt/a		EPO			
8	Surestart	1.6 lb ai/a		3 pt/a		EPO	B	100 a	100 a
8	Atrazine	1.5 lb ai/a		1.5 qt/a		EPO			
8	Roundup PowerMax	0.77 lb ae/a		22 oz/a		EPO			
8	N-PAK AMS	2.5 % v/v		1.5 qt/a		EPO			
LSD (P=.05)								3.9	0.0
Standard Deviation								2.7	0.0
CV								3.05	0.0