

Ohio State University
Horticulture and Crop Science

2011/CORN/AUTHORITY/SULFENTRAZONE/FALL PROGRAMS/

Title No. 2:
 Trial ID: 12FALLCORN1 Protocol ID: 12FALLCORN1
 Location: WESTERN BRANCH F-9 E Study Director: Anthony F. Dobbels
 Project ID: Investigator: Dr. Mark M. Loux
 Sponsor Contact: Joe Reed, FMC

General Trial Information

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

Discipline: H herbicide
 Trial Status: E established

Trial Location

City: South Charleston Latitude of LL Corner °: 39.85873 N
 State/Prov.: Ohio Longitude of LL Corner °: 83.67159 W
 Postal Code: 45368
 Country: USA

Crop Description

Crop 1: ZEAMX Zea mays Corn
 Variety: Seed Consultants SCS 11HQ38 Description: RR/LL
 BBCH Scale: BCOR Planting Date: Apr-30-2012
 Planting Method: SEEDED seeded Rate, Unit: 32097 S/A
 Depth, Unit: 1.75 IN
 Row Spacing, Unit: 30 IN
 Seed Bed: MEDIUM medium Soil Temperature, Unit: 63 F
 Soil Moisture: SLIWET slightly wet Emergence Date: May-9-2012

Pest Description

- Pest 1 Type: W Code: STEME *Stellaria media*
Common Name: Common chickweed
- Pest 2 Type: W Code: LAMPU *Lamium purpureum*
Common Name: Purple deadnettel
- Pest 3 Type: W Code: TAROF *Taraxacum officinale*
Common Name: Common dandelion
- Pest 4 Type: W Code: SENGL *Senecio glabellus*
Common Name: Cressleaf groundsel
- Pest 5 Type: W Code: POLPY
Common Name: Pennsylvania smartweed
- Pest 6 Type: W Code: AMBTR *Ambrosia trifida*
Common Name: Giant ragweed
- Pest 7 Type: W Code: AMBEL *Ambrosia artemisiifolia*
Common Name: Common ragweed
- Pest 8 Type: W Code: ERICA *Conyza canadensis*
Common Name: Canada horseweed
- Pest 9 Type: W Code: VERAR *Veronica arvensis*
Common Name: Corn speedwell
- Pest10 Type: W Code: SETFA *Setaria faberi*
Common Name: Giant foxtail

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: NOTILL no-till
 Replications: 3 Study Design: RACOB L Randomized Complete Block (RCB)
 Untreated Arrangement: INCLUDED single control randomized in each block

No. Previous Crop Year
 1. Soybean 2011

Soil Description

Description Name: F-9 East
 % OM: 2.8 Texture: SICL silty clay loam
 pH: 6.4 Soil Name: Kokomo
 CEC: 19.6 Fert. Level: G good
 Soil Drainage: G good

Ohio State University
Horticulture and Crop Science

Application Description

	A	B	C
Application Date:	Nov-17-2011	May-2-2012	May-30-2012
Time of Day:	10:00 A.M	10:00AM	8:30AM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	FALL	ATPLT	POST
Application Placement:	BROFOL	BROFOL	BROFOL
Applied By:	McCormick		
Air Temperature, Unit:	38 F	71 F	70 F
% Relative Humidity:	49	81	74
Wind Velocity, Unit:	8 MPH	7 MPH	0 MPH
Wind Direction:	WSW	SSW	
Dew Presence (Y/N):	N no	N no	N no
Soil Temperature, Unit:	41 F	60 F	65 F
Soil Moisture:	SLIWET	WET	DRY
% Cloud Cover:	7	0	0
Next Rain Occurred On:	Nov-21-2011	May-4-2012	Jun-1-2012

Crop Stage At Each Application

	A	B	C
Crop 1 Code, BBCH Scale:	ZEAMX BCOR	ZEAMX BCOR	ZEAMX BCOR
Stage Scale Used:	BBCH		
Stage Majority, Percent:			14 100
Height, Unit:			9 IN
Height Minimum, Maximum:			8 9

Ohio State University
Horticulture and Crop Science

Pest Stage At Each Application

	A		B		C	
Pest 1 Code, Type, Scale:	STEME	W	STEME	W	STEME	W
Stage Majority, Percent:	19	100	65	100		
Diameter, Unit:	3	IN				
Height, Unit:	1	IN	8	IN		
Height Minimum, Maximum:	1	2	8	8		
Density, Unit:	2.66	m2	2.66	m2		
Pest 2 Code, Type, Scale:	LAMPU	W	LAMPU	W	LAMPU	W
Stage Majority, Percent:	14	90				
Stage Minimum, Percent:	12	10				
Stage Maximum, Percent:	14	90				
Diameter, Unit:	1	IN				
Height, Unit:	1	IN				
Height Minimum, Maximum:	1	2				
Density, Unit:	6.65	m2				
Pest 3 Code, Type, Scale:	TAROF	W	TAROF	W	TAROF	W
Stage Majority, Percent:	16	100				
Diameter, Unit:	4	IN				
Height, Unit:	0.5	IN				
Height Minimum, Maximum:	0.5	1				
Density, Unit:	1.33	m2				
Pest 4 Code, Type, Scale:	SENGL	W	SENGL	W	SENGL	W
Stage Majority, Percent:	18	100				
Diameter, Unit:	4	IN				
Height, Unit:	1	IN				
Height Minimum, Maximum:	1	1				
Density, Unit:	0.25	m2				
Pest 5 Code, Type, Scale:	POLPY	W	POLPY	W	POLPY	W
Stage Majority, Percent:			14	100	16	100
Height, Unit:			2	IN	3	IN
Height Minimum, Maximum:			2	2	2	4
Density, Unit:			46.55	m2	46.55	m2
Pest 6 Code, Type, Scale:	AMBTR	W	AMBTR	W	AMBTR	W
Stage Majority, Percent:			19	100	19	100
Height, Unit:			3	IN	13	IN
Height Minimum, Maximum:			3	4	12	14
Density, Unit:			8	m2	8	m2
Pest 7 Code, Type, Scale:	AMBEL	W	AMBEL	W	AMBEL	W
Stage Majority, Percent:			16	100	16	100
Height, Unit:			2	IN	3.5	IN
Height Minimum, Maximum:			2	2	3	4
Density, Unit:			34.58	m2	34.58	M2
Pest 8 Code, Type, Scale:	ERICA	W	ERICA	W	ERICA	W
Stage Majority, Percent:			14	100	19	100
Height, Unit:			1	IN	4.5	IN
Height Minimum, Maximum:			1	1	3	6
Density, Unit:			82.46	m2	82.46	M2
Pest 9 Code, Type, Scale:	VERAR	W	VERAR	W	VERAR	W
Stage Majority, Percent:			65	100		
Height, Unit:			6	IN		
Height Minimum, Maximum:			6	6		
Density, Unit:			8	m2		
Pest10 Code, Type, Scale:	SETFA	W	SETFA	W	SETFA	W
Stage Majority, Percent:			12	100	16	100
Height, Unit:			1	IN	6	IN
Height Minimum, Maximum:			1	2	4	8
Density, Unit:			0.25	m2	0.25	M2

Application Equipment

	A	B	C
Appl. Equipment:	10 Foot Boom	10' AI XR	10' AI XR
Equipment Type:	SPRBAC	SPRBAC	SPRBAC
Operation Pressure, Unit:	46 PSI	46 PSI	46 PSI
Nozzle Type:	TEEJET DG	AI XR	AI XR
Nozzle Size:	80015	110015	110015
Nozzle Spacing, Unit:	18 IN	18 IN	18 IN
Boom Length, Unit:	10 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:	0.33 Gallons	2 Liters	2 Liters
Propellant:	CO2	CO2	CO2

Ohio State University
Horticulture and Crop Science

2011/CORN/AUTHORITY/SULFENTRAZONE/FALL PROGRAMS/

Title No. 2:
 Trial ID: 12FALLCORN1 Protocol ID: 12FALLCORN1
 Location: WESTERN BRANCH F-9 E Study Director: Anthony F. Dobbels
 Project ID: Investigator: Dr. Mark M. Loux
 Sponsor Contact: Joe Reed, FMC

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	STEME	LAMPU	LAMAM	CAPBP					
Pest Scientific Name	Stellaria media Lamium purpure>		Lamium Capsella bursa>						
Pest Name	Common chickwe>	Purple deadnet>	Henbit Shepherd's pur>						
Rating Date	Apr-17-2012	Apr-17-2012	Apr-17-2012	Apr-17-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing									
Days After First/Last Applic.	152 152	152 152	152 152	152 152					
Trt-Eval Interval	152 DA-A	152 DA-A	152 DA-A	152 DA-A					
Plant-Eval Interval	-13 DP-1	-13 DP-1	-13 DP-1	-13 DP-1					
Days After Emergence	-22 DE-1	-22 DE-1	-22 DE-1	-22 DE-1					
Number of Decimals	0	0	0	0					
Trt Treatment	Rate	Other	Other	Growth	Appl	1	2	3	4
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code				
1 UNTREATED						0 c	0 b	0 c	0 c
2 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	93 a	77 ab	97 b
2 AIM	1 oz/a	1 oz/a		FALL	A				
2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
2 COC	1 % v/v	1 % v/v		FALL	A				
2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	97 a	100 a	100 a
3 AIM	1 oz/a	1 oz/a		FALL	A				
3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
3 COC	1 % v/v	1 % v/v		FALL	A				
3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	92 ab	100 a
4 AIM	1 oz/a	1 oz/a		FALL	A				
4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
4 COC	1 % v/v	1 % v/v		FALL	A				
4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	80 ab	100 a
5 AIM	1 oz/a	1 oz/a		FALL	A				
5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
5 COC	1 % v/v	1 % v/v		FALL	A				
5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
5 F9310-6	8 oz/a	8 oz/a		PRE	B				
5 AATREX	16 oz/a	16 oz/a		PRE	B				
5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
6 AIM	1 oz/a	1 oz/a		FALL	A				
6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
6 COC	1 % v/v	1 % v/v		FALL	A				
6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
6 F9310-6	8 oz/a	8 oz/a		PRE	B				
6 AATREX	16 oz/a	16 oz/a		PRE	B				
6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	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.

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	STEME	LAMPU	LAMAM	CAPBP						
Pest Scientific Name	Stellaria media Lamium purpure>		Lamium amplexi>	Capsella bursa>						
Pest Name	Common chickwe>	Purple deadnet>	Henbit Shepherd's pur>							
Rating Date	Apr-17-2012	Apr-17-2012	Apr-17-2012	Apr-17-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	152 152	152 152	152 152	152 152						
Trt-Eval Interval	152 DA-A	152 DA-A	152 DA-A	152 DA-A						
Plant-Eval Interval	-13 DP-1	-13 DP-1	-13 DP-1	-13 DP-1						
Days After Emergence	-22 DE-1	-22 DE-1	-22 DE-1	-22 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
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	97 a	78 ab	100 a
7	AIM	1 oz/a	1 oz/a		FALL	A				
7	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7	COC	1 % v/v	1 % v/v		FALL	A				
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7	F9310-6	8 oz/a	8 oz/a		PRE	B				
7	AATREX	16 oz/a	16 oz/a		PRE	B				
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
8	AIM	1 oz/a	1 oz/a		FALL	A				
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8	COC	1 % v/v	1 % v/v		FALL	A				
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8	F9310-6	8 oz/a	8 oz/a		POST	C				
8	AATREX	16 oz/a	16 oz/a		POST	C				
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	98 b	100 a	90 ab	100 a
9	AIM	1 oz/a	1 oz/a		FALL	A				
9	WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9	COC	1 % v/v	1 % v/v		FALL	A				
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9	F9310-6	8 oz/a	8 oz/a		POST	C				
9	AATREX	16 oz/a	16 oz/a		POST	C				
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	95 a	73 b	100 a
10	AIM	1 oz/a	1 oz/a		FALL	A				
10	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10	COC	1 % v/v	1 % v/v		FALL	A				
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10	F9310-6	8 oz/a	8 oz/a		POST	C				
10	AATREX	16 oz/a	16 oz/a		POST	C				
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)							1.6	8.0	24.3	3.1
Standard Deviation							0.9	4.6	14.2	1.8
CV							1.02	5.27	17.92	2.04

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed		W Weed		W Weed		W Weed		
Pest Code	RANAB		VERAR		ERICA		AMBTR		
Pest Scientific Name	Ranunculus abo>		Veronica arven>		Conyza canad>		Ambrosia trifi>		
Pest Name	Smallflower bu>		Corn speedwell		Canada Giant ragweed		horsewe>		
Rating Date	Apr-17-2012		Apr-17-2012		Apr-17-2012		Apr-17-2012		
Rating Type	CONTRO		CONTRO		CONTRO		CONTRO		
Rating Unit	%		%		%		%		
Number of Subsamples	1		1		1		1		
Rating Timing									
Days After First/Last Applic.	152 152		152 152		152 152		152 152		
Trt-Eval Interval	152 DA-A		152 DA-A		152 DA-A		152 DA-A		
Plant-Eval Interval	-13 DP-1		-13 DP-1		-13 DP-1		-13 DP-1		
Days After Emergence	-22 DE-1		-22 DE-1		-22 DE-1		-22 DE-1		
Number of Decimals	0		0		0		0		
Trt Treatment	Rate	Other	Other	Growth	Appl				
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code	5	6	7	8
1 UNTREATED						0 b	0 b	0 c	0 c
2 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	93 a	77 ab	33 abc
2 AIM	1 oz/a	1 oz/a		FALL	A				
2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
2 COC	1 % v/v	1 % v/v		FALL	A				
2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	77 a	67 ab	67 ab
3 AIM	1 oz/a	1 oz/a		FALL	A				
3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
3 COC	1 % v/v	1 % v/v		FALL	A				
3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	73 ab	47 abc
4 AIM	1 oz/a	1 oz/a		FALL	A				
4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
4 COC	1 % v/v	1 % v/v		FALL	A				
4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	92 a	90 a	83 a
5 AIM	1 oz/a	1 oz/a		FALL	A				
5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
5 COC	1 % v/v	1 % v/v		FALL	A				
5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
5 F9310-6	8 oz/a	8 oz/a		PRE	B				
5 AATREX	16 oz/a	16 oz/a		PRE	B				
5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	97 a	92 a	63 ab	63 ab
6 AIM	1 oz/a	1 oz/a		FALL	A				
6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
6 COC	1 % v/v	1 % v/v		FALL	A				
6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
6 F9310-6	8 oz/a	8 oz/a		PRE	B				
6 AATREX	16 oz/a	16 oz/a		PRE	B				
6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	RANAB	VERAR	ERICA	AMBTR						
Pest Scientific Name	Ranunculus abo>	Veronica arven>	Conyza canaden>	Ambrosia trifi>						
Pest Name	Smallflower bu>	Corn speedwell	Canada Giant ragweed	horsewe>						
Rating Date	Apr-17-2012	Apr-17-2012	Apr-17-2012	Apr-17-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	152 152	152 152	152 152	152 152						
Trt-Eval Interval	152 DA-A	152 DA-A	152 DA-A	152 DA-A						
Plant-Eval Interval	-13 DP-1	-13 DP-1	-13 DP-1	-13 DP-1						
Days After Emergence	-22 DE-1	-22 DE-1	-22 DE-1	-22 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	5	6	7	8
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	75 ab	33 abc
7	AIM	1 oz/a	1 oz/a		FALL	A				
7	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7	COC	1 % v/v	1 % v/v		FALL	A				
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7	F9310-6	8 oz/a	8 oz/a		PRE	B				
7	AATREX	16 oz/a	16 oz/a		PRE	B				
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	92 a	72 ab	62 ab
8	AIM	1 oz/a	1 oz/a		FALL	A				
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8	COC	1 % v/v	1 % v/v		FALL	A				
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8	F9310-6	8 oz/a	8 oz/a		POST	C				
8	AATREX	16 oz/a	16 oz/a		POST	C				
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	90 a	40 bc	17 bc
9	AIM	1 oz/a	1 oz/a		FALL	A				
9	WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9	COC	1 % v/v	1 % v/v		FALL	A				
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9	F9310-6	8 oz/a	8 oz/a		POST	C				
9	AATREX	16 oz/a	16 oz/a		POST	C				
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	97 a	100 a	60 ab	7 c
10	AIM	1 oz/a	1 oz/a		FALL	A				
10	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10	COC	1 % v/v	1 % v/v		FALL	A				
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10	F9310-6	8 oz/a	8 oz/a		POST	C				
10	AATREX	16 oz/a	16 oz/a		POST	C				
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)							4.2	23.8	45.7	51.5
Standard Deviation							2.4	13.9	26.6	30.0
CV							2.72	16.62	43.16	72.98

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	AMBEL	STEME	LAMPU	LAMAM					
Pest Scientific Name	Ambrosia artem>	Stellaria media	Lamium purpure>	Lamium amplexi>					
Pest Name	Common ragweed	Common chickwe>	Purple deadnet>	Henbit					
Rating Date	Apr-17-2012	Apr-30-2012	Apr-30-2012	Apr-30-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing		AT PLANT	AT PLANT	AT PLANT					
Days After First/Last Applic.									
Trt-Eval Interval	152 152	165 165	165 165	165 165					
Plant-Eval Interval	152 DA-A	165 DA-A	165 DA-A	165 DA-A					
Days After Emergence	-13 DP-1	0 DP-1	0 DP-1	0 DP-1					
Number of Decimals	-22 DE-1	-9 DE-1	-9 DE-1	-9 DE-1					
	0	0	0	0					
Trt Treatment	Rate	Other	Other	Growth	Appl	9	10	11	12
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code				
1 UNTREATED						0 a	0 c	0 c	0 b
2 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	0 a	100 a	95 ab	97 a
2 AIM	1 oz/a	1 oz/a		FALL	A				
2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
2 COC	1 % v/v	1 % v/v		FALL	A				
2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	50 a	100 a	98 ab	100 a
3 AIM	1 oz/a	1 oz/a		FALL	A				
3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
3 COC	1 % v/v	1 % v/v		FALL	A				
3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	57 a	100 a	97 ab	98 a
4 AIM	1 oz/a	1 oz/a		FALL	A				
4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
4 COC	1 % v/v	1 % v/v		FALL	A				
4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	40 a	100 a	97 ab	100 a
5 AIM	1 oz/a	1 oz/a		FALL	A				
5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
5 COC	1 % v/v	1 % v/v		FALL	A				
5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
5 F9310-6	8 oz/a	8 oz/a		PRE	B				
5 AATREX	16 oz/a	16 oz/a		PRE	B				
5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	63 a	100 a	100 a	100 a
6 AIM	1 oz/a	1 oz/a		FALL	A				
6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
6 COC	1 % v/v	1 % v/v		FALL	A				
6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
6 F9310-6	8 oz/a	8 oz/a		PRE	B				
6 AATREX	16 oz/a	16 oz/a		PRE	B				
6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	AMBEL	STEME	LAMPU	LAMAM						
Pest Scientific Name	Ambrosia artem>	Stellaria media	Lamium purpure>	Lamium amplexi>						
Pest Name	Common ragweed	Common chickwe>	Purple deadnet>	Henbit						
Rating Date	Apr-17-2012	Apr-30-2012	Apr-30-2012	Apr-30-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing		AT PLANT	AT PLANT	AT PLANT						
Days After First/Last Applic.	152 152	165 165	165 165	165 165						
Trt-Eval Interval	152 DA-A	165 DA-A	165 DA-A	165 DA-A						
Plant-Eval Interval	-13 DP-1	0 DP-1	0 DP-1	0 DP-1						
Days After Emergence	-22 DE-1	-9 DE-1	-9 DE-1	-9 DE-1						
Number of Decimals	0	0	0	0						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	9	10	11	12
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	40 a	100 a	86 b	100 a
7	AIM	1 oz/a	1 oz/a		FALL	A				
7	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7	COC	1 % v/v	1 % v/v		FALL	A				
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7	F9310-6	8 oz/a	8 oz/a		PRE	B				
7	AATREX	16 oz/a	16 oz/a		PRE	B				
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	65 a	100 a	98 ab	100 a
8	AIM	1 oz/a	1 oz/a		FALL	A				
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8	COC	1 % v/v	1 % v/v		FALL	A				
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8	F9310-6	8 oz/a	8 oz/a		POST	C				
8	AATREX	16 oz/a	16 oz/a		POST	C				
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	20 a	90 b	100 a	100 a
9	AIM	1 oz/a	1 oz/a		FALL	A				
9	WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9	COC	1 % v/v	1 % v/v		FALL	A				
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9	F9310-6	8 oz/a	8 oz/a		POST	C				
9	AATREX	16 oz/a	16 oz/a		POST	C				
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	32 a	100 a	87 ab	100 a
10	AIM	1 oz/a	1 oz/a		FALL	A				
10	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10	COC	1 % v/v	1 % v/v		FALL	A				
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10	F9310-6	8 oz/a	8 oz/a		POST	C				
10	AATREX	16 oz/a	16 oz/a		POST	C				
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)							63.0	9.4	13.9	3.3
Standard Deviation							36.7	5.5	8.1	1.9
CV							100.2	6.15	9.42	2.18

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	CAPBP	RANAB	VERAR	ERICA					
Pest Scientific Name	Capsella bursa>	Ranunculus abo>	Veronica arven>	Conyza canadens>					
Pest Name	Shepherd's pur>	Smallflower bu>	Corn speedwell	Canada horsewe>					
Rating Date	Apr-30-2012	Apr-30-2012	Apr-30-2012	Apr-30-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing	AT PLANT	AT PLANT	AT PLANT	AT PLANT					
Days After First/Last Applic.	165 165	165 165	165 165	165 165					
Trt-Eval Interval	165 DA-A	165 DA-A	165 DA-A	165 DA-A					
Plant-Eval Interval	0 DP-1	0 DP-1	0 DP-1	0 DP-1					
Days After Emergence	-9 DE-1	-9 DE-1	-9 DE-1	-9 DE-1					
Number of Decimals	0	0	0	0					
Trt Treatment	Rate	Other	Other	Growth	Appl	13	14	15	16
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code				
1 UNTREATED						0 c	0 b	0 b	0 b
2 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	93 b	100 a	87 a	60 a
2 AIM	1 oz/a	1 oz/a		FALL	A				
2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
2 COC	1 % v/v	1 % v/v		FALL	A				
2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	97 ab	100 a	70 a	60 a
3 AIM	1 oz/a	1 oz/a		FALL	A				
3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
3 COC	1 % v/v	1 % v/v		FALL	A				
3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	53 a
4 AIM	1 oz/a	1 oz/a		FALL	A				
4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
4 COC	1 % v/v	1 % v/v		FALL	A				
4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	97 ab	100 a	87 a	67 a
5 AIM	1 oz/a	1 oz/a		FALL	A				
5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
5 COC	1 % v/v	1 % v/v		FALL	A				
5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
5 F9310-6	8 oz/a	8 oz/a		PRE	B				
5 AATREX	16 oz/a	16 oz/a		PRE	B				
5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	73 a	70 a
6 AIM	1 oz/a	1 oz/a		FALL	A				
6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
6 COC	1 % v/v	1 % v/v		FALL	A				
6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
6 F9310-6	8 oz/a	8 oz/a		PRE	B				
6 AATREX	16 oz/a	16 oz/a		PRE	B				
6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	CAPBP	RANAB	VERAR	ERICA						
Pest Scientific Name	Capsella bursa>	Ranunculus abo>	Veronica arven>	Conyza canad>						
Pest Name	Shepherd's pur>	Smallflower bu>	Corn speedwell	Canada horsewe>						
Rating Date	Apr-30-2012	Apr-30-2012	Apr-30-2012	Apr-30-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing	AT PLANT	AT PLANT	AT PLANT	AT PLANT						
Days After First/Last Applic.	165 165	165 165	165 165	165 165						
Trt-Eval Interval	165 DA-A	165 DA-A	165 DA-A	165 DA-A						
Plant-Eval Interval	0 DP-1	0 DP-1	0 DP-1	0 DP-1						
Days After Emergence	-9 DE-1	-9 DE-1	-9 DE-1	-9 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	13	14	15	16
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	77 a	100 a	57 a
7	AIM	1 oz/a	1 oz/a		FALL	A				
7	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7	COC	1 % v/v	1 % v/v		FALL	A				
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7	F9310-6	8 oz/a	8 oz/a		PRE	B				
7	AATREX	16 oz/a	16 oz/a		PRE	B				
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	97 ab	100 a	75 a	70 a
8	AIM	1 oz/a	1 oz/a		FALL	A				
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8	COC	1 % v/v	1 % v/v		FALL	A				
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8	F9310-6	8 oz/a	8 oz/a		POST	C				
8	AATREX	16 oz/a	16 oz/a		POST	C				
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	70 a	50 a
9	AIM	1 oz/a	1 oz/a		FALL	A				
9	WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9	COC	1 % v/v	1 % v/v		FALL	A				
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9	F9310-6	8 oz/a	8 oz/a		POST	C				
9	AATREX	16 oz/a	16 oz/a		POST	C				
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	83 a	80 a	48 a
10	AIM	1 oz/a	1 oz/a		FALL	A				
10	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10	COC	1 % v/v	1 % v/v		FALL	A				
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10	F9310-6	8 oz/a	8 oz/a		POST	C				
10	AATREX	16 oz/a	16 oz/a		POST	C				
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)							6.0	25.5	35.1	29.3
Standard Deviation							3.5	14.9	20.5	17.1
CV							3.96	17.28	27.61	31.9

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	SETFA	AMBEL	AMBTR	STEME					
Pest Scientific Name	Setaria faberi	Ambrosia artem>	Ambrosia trifi>	Stellaria media					
Pest Name	Giant foxtail	Common ragweed	Giant ragweed	Common chickwe>					
Rating Date	Apr-30-2012	Apr-30-2012	Apr-30-2012	May-10-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing	AT PLANT	AT PLANT	AT PLANT						
Days After First/Last Applic.	165 165	165 165	165 165	175 8					
Trt-Eval Interval	165 DA-A	165 DA-A	165 DA-A	8 DA-B					
Plant-Eval Interval	0 DP-1	0 DP-1	0 DP-1	10 DP-1					
Days After Emergence	-9 DE-1	-9 DE-1	-9 DE-1	1 DE-1					
Number of Decimals	0	0	0	0					
Trt Treatment	Rate	Other	Other	Growth	Appl	17	18	19	20
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code				
1 UNTREATED						0 b	0 b	0 e	0 b
2 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	53 a	47 a	40 d	100 a
2 AIM	1 oz/a	1 oz/a		FALL	A				
2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
2 COC	1 % v/v	1 % v/v		FALL	A				
2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	57 a	63 a	73 ab	100 a
3 AIM	1 oz/a	1 oz/a		FALL	A				
3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
3 COC	1 % v/v	1 % v/v		FALL	A				
3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	60 a	73 a	67 abc	100 a
4 AIM	1 oz/a	1 oz/a		FALL	A				
4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
4 COC	1 % v/v	1 % v/v		FALL	A				
4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	63 a	63 a	83 a	100 a
5 AIM	1 oz/a	1 oz/a		FALL	A				
5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
5 COC	1 % v/v	1 % v/v		FALL	A				
5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
5 F9310-6	8 oz/a	8 oz/a		PRE	B				
5 AATREX	16 oz/a	16 oz/a		PRE	B				
5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	62 a	67 a	80 a	100 a
6 AIM	1 oz/a	1 oz/a		FALL	A				
6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
6 COC	1 % v/v	1 % v/v		FALL	A				
6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
6 F9310-6	8 oz/a	8 oz/a		PRE	B				
6 AATREX	16 oz/a	16 oz/a		PRE	B				
6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	SETFA	AMBEL	AMBTR	STEME					
Pest Scientific Name	Setaria faberi	Ambrosia artem>	Ambrosia trifi>	Stellaria media					
Pest Name	Giant foxtail Common ragweed Giant ragweed Common chickwe>								
Rating Date	Apr-30-2012	Apr-30-2012	Apr-30-2012	May-10-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing	AT PLANT	AT PLANT	AT PLANT						
Days After First/Last Applic.	165 165	165 165	165 165	175 8					
Trt-Eval Interval	165 DA-A	165 DA-A	165 DA-A	8 DA-B					
Plant-Eval Interval	0 DP-1	0 DP-1	0 DP-1	10 DP-1					
Days After Emergence	-9 DE-1	-9 DE-1	-9 DE-1	1 DE-1					
Number of Decimals	0	0	0	0					
Trt Treatment	Rate	Other	Other	Growth	Appl	17	18	19	20
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code				
7 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	57 a	57 a	53 bcd	100 a
7 AIM	1 oz/a	1 oz/a		FALL	A				
7 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7 COC	1 % v/v	1 % v/v		FALL	A				
7 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7 F9310-6	8 oz/a	8 oz/a		PRE	B				
7 AATREX	16 oz/a	16 oz/a		PRE	B				
7 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	63 a	73 a	78 a	98 a
8 AIM	1 oz/a	1 oz/a		FALL	A				
8 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8 COC	1 % v/v	1 % v/v		FALL	A				
8 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8 F9310-6	8 oz/a	8 oz/a		POST	C				
8 AATREX	16 oz/a	16 oz/a		POST	C				
8 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	57 a	53 a	47 cd	95 a
9 AIM	1 oz/a	1 oz/a		FALL	A				
9 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9 COC	1 % v/v	1 % v/v		FALL	A				
9 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9 F9310-6	8 oz/a	8 oz/a		POST	C				
9 AATREX	16 oz/a	16 oz/a		POST	C				
9 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	67 a	57 a	30 d	100 a
10 AIM	1 oz/a	1 oz/a		FALL	A				
10 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10 COC	1 % v/v	1 % v/v		FALL	A				
10 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10 F9310-6	8 oz/a	8 oz/a		POST	C				
10 AATREX	16 oz/a	16 oz/a		POST	C				
10 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)						17.0	32.5	23.7	5.0
Standard Deviation						9.9	18.9	13.8	2.9
CV						18.43	34.22	25.02	3.28

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	LAMPU	LAMAM	CAPBP	RANAB					
Pest Scientific Name	Lamium purpure>	Lamium Capsella bursa>	Ranunculus abo>						
Pest Name	Purple deadnet>	Henbit Shepherd's pur>	Smallflower bu>						
Rating Date	May-10-2012	May-10-2012	May-10-2012	May-10-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing									
Days After First/Last Applic.	175 8	175 8	175 8	175 8					
Trt-Eval Interval	8 DA-B	8 DA-B	8 DA-B	8 DA-B					
Plant-Eval Interval	10 DP-1	10 DP-1	10 DP-1	10 DP-1					
Days After Emergence	1 DE-1	1 DE-1	1 DE-1	1 DE-1					
Number of Decimals	0	0	0	0					
Trt Treatment	Rate	Other	Other	Growth	Appl	21	22	23	24
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code				
1 UNTREATED						0 c	0 c	0 b	0 b
2 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	87 ab	100 a	100 a
2 AIM	1 oz/a	1 oz/a		FALL	A				
2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
2 COC	1 % v/v	1 % v/v		FALL	A				
2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
3 AIM	1 oz/a	1 oz/a		FALL	A				
3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
3 COC	1 % v/v	1 % v/v		FALL	A				
3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
4 AIM	1 oz/a	1 oz/a		FALL	A				
4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
4 COC	1 % v/v	1 % v/v		FALL	A				
4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
5 AIM	1 oz/a	1 oz/a		FALL	A				
5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
5 COC	1 % v/v	1 % v/v		FALL	A				
5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
5 F9310-6	8 oz/a	8 oz/a		PRE	B				
5 AATREX	16 oz/a	16 oz/a		PRE	B				
5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
6 AIM	1 oz/a	1 oz/a		FALL	A				
6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
6 COC	1 % v/v	1 % v/v		FALL	A				
6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
6 F9310-6	8 oz/a	8 oz/a		PRE	B				
6 AATREX	16 oz/a	16 oz/a		PRE	B				
6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	LAMPU	LAMAM	CAPBP	RANAB						
Pest Scientific Name	Lamium purpure>	Lamium amplexi>	Capsella bursa>	Ranunculus abo>						
Pest Name	Purple deadnet>	Henbit Shepherd's pur>	Smallflower bu>							
Rating Date	May-10-2012	May-10-2012	May-10-2012	May-10-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	175 8	175 8	175 8	175 8						
Trt-Eval Interval	8 DA-B	8 DA-B	8 DA-B	8 DA-B						
Plant-Eval Interval	10 DP-1	10 DP-1	10 DP-1	10 DP-1						
Days After Emergence	1 DE-1	1 DE-1	1 DE-1	1 DE-1						
Number of Decimals	0	0	0	0						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	21	22	23	24
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
7	AIM	1 oz/a	1 oz/a		FALL	A				
7	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7	COC	1 % v/v	1 % v/v		FALL	A				
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7	F9310-6	8 oz/a	8 oz/a		PRE	B				
7	AATREX	16 oz/a	16 oz/a		PRE	B				
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	95 a	93 a	100 a
8	AIM	1 oz/a	1 oz/a		FALL	A				
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8	COC	1 % v/v	1 % v/v		FALL	A				
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8	F9310-6	8 oz/a	8 oz/a		POST	C				
8	AATREX	16 oz/a	16 oz/a		POST	C				
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	77 ab	90 a	100 a
9	AIM	1 oz/a	1 oz/a		FALL	A				
9	WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9	COC	1 % v/v	1 % v/v		FALL	A				
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9	F9310-6	8 oz/a	8 oz/a		POST	C				
9	AATREX	16 oz/a	16 oz/a		POST	C				
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	97 b	67 b	90 a	100 a
10	AIM	1 oz/a	1 oz/a		FALL	A				
10	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10	COC	1 % v/v	1 % v/v		FALL	A				
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10	F9310-6	8 oz/a	8 oz/a		POST	C				
10	AATREX	16 oz/a	16 oz/a		POST	C				
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)							3.1	25.4	13.8	0.0
Standard Deviation							1.8	14.8	8.0	0.0
CV							2.04	17.92	9.19	0.0

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	VERAR	ERICA	SETFA	AMBEL
Pest Scientific Name	Veronica arven>	Conyza canaden>	Setaria faberi	Ambrosia artem>
Pest Name	Corn speedwell	Canada horsewe>	Giant foxtail	Common ragweed
Rating Date	May-10-2012	May-10-2012	May-10-2012	May-10-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Rating Timing				
Days After First/Last Applic.	175 8	175 8	175 8	175 8
Trt-Eval Interval	8 DA-B	8 DA-B	8 DA-B	8 DA-B
Plant-Eval Interval	10 DP-1	10 DP-1	10 DP-1	10 DP-1
Days After Emergence	1 DE-1	1 DE-1	1 DE-1	1 DE-1
Number of Decimals	0	0	0	0

Trt Treatment	Rate	Other	Other	Growth	Appl				
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code	25	26	27	28
1 UNTREATED						0 b	0 e	0 d	0 b
2 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	97 a	60 bc	80 a	85 a
2 AIM	1 oz/a	1 oz/a		FALL	A				
2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
2 COC	1 % v/v	1 % v/v		FALL	A				
2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	92 a	73 ab	73 ab	97 a
3 AIM	1 oz/a	1 oz/a		FALL	A				
3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
3 COC	1 % v/v	1 % v/v		FALL	A				
3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	83 ab	75 a	90 a
4 AIM	1 oz/a	1 oz/a		FALL	A				
4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
4 COC	1 % v/v	1 % v/v		FALL	A				
4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	93 a	95 a	97 a
5 AIM	1 oz/a	1 oz/a		FALL	A				
5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
5 COC	1 % v/v	1 % v/v		FALL	A				
5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
5 F9310-6	8 oz/a	8 oz/a		PRE	B				
5 AATREX	16 oz/a	16 oz/a		PRE	B				
5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	93 a	99 a	100 a
6 AIM	1 oz/a	1 oz/a		FALL	A				
6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
6 COC	1 % v/v	1 % v/v		FALL	A				
6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
6 F9310-6	8 oz/a	8 oz/a		PRE	B				
6 AATREX	16 oz/a	16 oz/a		PRE	B				
6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	VERAR	ERICA	SETFA	AMBEL						
Pest Scientific Name	Veronica arven>	Conyza canad>	Setaria faberi	Ambrosia artem>						
Pest Name	Corn speedwell	Canada horsewe>	Giant foxtail	Common ragweed						
Rating Date	May-10-2012	May-10-2012	May-10-2012	May-10-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	175 8	175 8	175 8	175 8						
Trt-Eval Interval	8 DA-B	8 DA-B	8 DA-B	8 DA-B						
Plant-Eval Interval	10 DP-1	10 DP-1	10 DP-1	10 DP-1						
Days After Emergence	1 DE-1	1 DE-1	1 DE-1	1 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	25	26	27	28
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	99 a	97 a
7	AIM	1 oz/a	1 oz/a		FALL	A				
7	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7	COC	1 % v/v	1 % v/v		FALL	A				
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7	F9310-6	8 oz/a	8 oz/a		PRE	B				
7	AATREX	16 oz/a	16 oz/a		PRE	B				
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	95 a	40 cd	47 bc	68 a
8	AIM	1 oz/a	1 oz/a		FALL	A				
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8	COC	1 % v/v	1 % v/v		FALL	A				
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8	F9310-6	8 oz/a	8 oz/a		POST	C				
8	AATREX	16 oz/a	16 oz/a		POST	C				
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	95 a	7 e	20 cd	10 b
9	AIM	1 oz/a	1 oz/a		FALL	A				
9	WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9	COC	1 % v/v	1 % v/v		FALL	A				
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9	F9310-6	8 oz/a	8 oz/a		POST	C				
9	AATREX	16 oz/a	16 oz/a		POST	C				
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	90 a	23 de	10 d	27 b
10	AIM	1 oz/a	1 oz/a		FALL	A				
10	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10	COC	1 % v/v	1 % v/v		FALL	A				
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10	F9310-6	8 oz/a	8 oz/a		POST	C				
10	AATREX	16 oz/a	16 oz/a		POST	C				
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)							13.5	26.7	28.2	35.9
Standard Deviation							7.9	15.6	16.5	20.9
CV							9.05	27.12	27.49	31.21

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	AMBTR	POLPY	STEME	LAMPU					
Pest Scientific Name	Ambrosia trifida	Persicaria pensylvanica	Stellaria media	Lamium purpureum					
Pest Name	Giant ragweed	Pennsylvania s>	Common chickweed	Purple deadnettle					
Rating Date	May-10-2012	May-10-2012	May-17-2012	May-17-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing									
Days After First/Last Applic.	175 8	175 8	182 15	182 15					
Trt-Eval Interval	8 DA-B	8 DA-B	15 DA-B	15 DA-B					
Plant-Eval Interval	10 DP-1	10 DP-1	17 DP-1	17 DP-1					
Days After Emergence	1 DE-1	1 DE-1	8 DE-1	8 DE-1					
Number of Decimals	0	0	0	0					
Trt Treatment	Rate	Other	Other	Growth	Appl	29	30	31	32
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code				
1 UNTREATED						0 b	0 c	0 c	0 b
2 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	82 a	95 a	67 b	100 a
2 AIM	1 oz/a	1 oz/a		FALL	A				
2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
2 COC	1 % v/v	1 % v/v		FALL	A				
2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	88 a	100 a	100 a	100 a
3 AIM	1 oz/a	1 oz/a		FALL	A				
3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
3 COC	1 % v/v	1 % v/v		FALL	A				
3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	96 a	83 a	100 a	100 a
4 AIM	1 oz/a	1 oz/a		FALL	A				
4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
4 COC	1 % v/v	1 % v/v		FALL	A				
4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	93 a	100 a	100 a	100 a
5 AIM	1 oz/a	1 oz/a		FALL	A				
5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
5 COC	1 % v/v	1 % v/v		FALL	A				
5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
5 F9310-6	8 oz/a	8 oz/a		PRE	B				
5 AATREX	16 oz/a	16 oz/a		PRE	B				
5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	91 a	100 a	100 a	100 a
6 AIM	1 oz/a	1 oz/a		FALL	A				
6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
6 COC	1 % v/v	1 % v/v		FALL	A				
6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
6 F9310-6	8 oz/a	8 oz/a		PRE	B				
6 AATREX	16 oz/a	16 oz/a		PRE	B				
6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	AMBTR	POLPY	STEME	LAMPU						
Pest Scientific Name	Ambrosia trifi>	Persicaria pen>	Stellaria media	Lamium purpure>						
Pest Name	Giant ragweed	Pennsylvania s>	Common chickwe>	Purple deadnet>						
Rating Date	May-10-2012	May-10-2012	May-17-2012	May-17-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	175 8	175 8	182 15	182 15						
Trt-Eval Interval	8 DA-B	8 DA-B	15 DA-B	15 DA-B						
Plant-Eval Interval	10 DP-1	10 DP-1	17 DP-1	17 DP-1						
Days After Emergence	1 DE-1	1 DE-1	8 DE-1	8 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	29	30	31	32
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	85 a	100 a	100 a	100 a
7	AIM	1 oz/a	1 oz/a		FALL	A				
7	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7	COC	1 % v/v	1 % v/v		FALL	A				
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7	F9310-6	8 oz/a	8 oz/a		PRE	B				
7	AATREX	16 oz/a	16 oz/a		PRE	B				
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	73 a	53 b	100 a	100 a
8	AIM	1 oz/a	1 oz/a		FALL	A				
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8	COC	1 % v/v	1 % v/v		FALL	A				
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8	F9310-6	8 oz/a	8 oz/a		POST	C				
8	AATREX	16 oz/a	16 oz/a		POST	C				
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	7 b	7 c	100 a	93 a
9	AIM	1 oz/a	1 oz/a		FALL	A				
9	WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9	COC	1 % v/v	1 % v/v		FALL	A				
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9	F9310-6	8 oz/a	8 oz/a		POST	C				
9	AATREX	16 oz/a	16 oz/a		POST	C				
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	23 b	10 c	100 a	93 a
10	AIM	1 oz/a	1 oz/a		FALL	A				
10	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10	COC	1 % v/v	1 % v/v		FALL	A				
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10	F9310-6	8 oz/a	8 oz/a		POST	C				
10	AATREX	16 oz/a	16 oz/a		POST	C				
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)							30.0	24.8	31.3	9.1
Standard Deviation							17.5	14.5	18.3	5.3
CV							27.41	22.32	21.07	5.98

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	LAMAM	CAPBP	RANAB	VERAR					
Pest Scientific Name	Lamium amplexi>	Capsella bursa>	Ranunculus abo>	Veronica arven>					
Pest Name	Henbit Shepherd's pur>	Smallflower bu>	Corn speedwell						
Rating Date	May-17-2012	May-17-2012	May-17-2012	May-17-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing									
Days After First/Last Applic.	182 15	182 15	182 15	182 15					
Trt-Eval Interval	15 DA-B	15 DA-B	15 DA-B	15 DA-B					
Plant-Eval Interval	17 DP-1	17 DP-1	17 DP-1	17 DP-1					
Days After Emergence	8 DE-1	8 DE-1	8 DE-1	8 DE-1					
Number of Decimals	0	0	0	0					
Trt Treatment	Rate	Other	Other	Growth	Appl	33	34	35	36
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code				
1 UNTREATED						0 b	0 c	0 b	0 c
2 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
2 AIM	1 oz/a	1 oz/a		FALL	A				
2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
2 COC	1 % v/v	1 % v/v		FALL	A				
2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
3 AIM	1 oz/a	1 oz/a		FALL	A				
3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
3 COC	1 % v/v	1 % v/v		FALL	A				
3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
4 AIM	1 oz/a	1 oz/a		FALL	A				
4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
4 COC	1 % v/v	1 % v/v		FALL	A				
4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
5 AIM	1 oz/a	1 oz/a		FALL	A				
5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
5 COC	1 % v/v	1 % v/v		FALL	A				
5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
5 F9310-6	8 oz/a	8 oz/a		PRE	B				
5 AATREX	16 oz/a	16 oz/a		PRE	B				
5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
6 AIM	1 oz/a	1 oz/a		FALL	A				
6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
6 COC	1 % v/v	1 % v/v		FALL	A				
6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
6 F9310-6	8 oz/a	8 oz/a		PRE	B				
6 AATREX	16 oz/a	16 oz/a		PRE	B				
6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	LAMAM	CAPBP	RANAB	VERAR						
Pest Scientific Name	Lamium amplexi>	Capsella bursa>	Ranunculus abo>	Veronica arven>						
Pest Name	Henbit Shepherd's pur>	Smallflower bu>	Corn speedwell							
Rating Date	May-17-2012	May-17-2012	May-17-2012	May-17-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	182 15	182 15	182 15	182 15						
Trt-Eval Interval	15 DA-B	15 DA-B	15 DA-B	15 DA-B						
Plant-Eval Interval	17 DP-1	17 DP-1	17 DP-1	17 DP-1						
Days After Emergence	8 DE-1	8 DE-1	8 DE-1	8 DE-1						
Number of Decimals	0	0	0	0						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	33	34	35	36
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	100 a
7	AIM	1 oz/a	1 oz/a		FALL	A				
7	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7	COC	1 % v/v	1 % v/v		FALL	A				
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7	F9310-6	8 oz/a	8 oz/a		PRE	B				
7	AATREX	16 oz/a	16 oz/a		PRE	B				
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	100 a	100 a	53 b
8	AIM	1 oz/a	1 oz/a		FALL	A				
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8	COC	1 % v/v	1 % v/v		FALL	A				
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8	F9310-6	8 oz/a	8 oz/a		POST	C				
8	AATREX	16 oz/a	16 oz/a		POST	C				
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	87 a	53 b	100 a	77 ab
9	AIM	1 oz/a	1 oz/a		FALL	A				
9	WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9	COC	1 % v/v	1 % v/v		FALL	A				
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9	F9310-6	8 oz/a	8 oz/a		POST	C				
9	AATREX	16 oz/a	16 oz/a		POST	C				
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	93 a	67 b	100 a	93 a
10	AIM	1 oz/a	1 oz/a		FALL	A				
10	SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10	COC	1 % v/v	1 % v/v		FALL	A				
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10	F9310-6	8 oz/a	8 oz/a		POST	C				
10	AATREX	16 oz/a	16 oz/a		POST	C				
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)							14.3	25.5	0.0	33.3
Standard Deviation							8.3	14.9	0.0	19.4
CV							9.48	18.12	0.0	23.56

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	ERICA	SETFA	AMBEL	AMBTR						
Pest Scientific Name	Conyza canadensis	Setaria faberii	Ambrosia artemisiifolia	Ambrosia trifida						
Pest Name	Canada horseweed	Giant foxtail	Common ragweed	Giant ragweed						
Rating Date	May-17-2012	May-17-2012	May-17-2012	May-17-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	182 15	182 15	182 15	182 15						
Trt-Eval Interval	15 DA-B	15 DA-B	15 DA-B	15 DA-B						
Plant-Eval Interval	17 DP-1	17 DP-1	17 DP-1	17 DP-1						
Days After Emergence	8 DE-1	8 DE-1	8 DE-1	8 DE-1						
Number of Decimals	0	0	0	0						
Trt No.	Treatment Name	Rate Rate Unit	Other Rate	Other Rate	Growth Unit Stage	Appl Code	37	38	39	40
1	UNTREATED						0 d	0 c	0 c	0 c
2	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	40 c	63 b	73 ab	63 b
	2 AIM	1 oz/a	1 oz/a		FALL	A				
	2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
	2 COC	1 % v/v	1 % v/v		FALL	A				
	2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	60 bc	60 b	60 b	90 a
	3 AIM	1 oz/a	1 oz/a		FALL	A				
	3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
	3 COC	1 % v/v	1 % v/v		FALL	A				
	3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	73 ab	50 b	83 a	67 b
	4 AIM	1 oz/a	1 oz/a		FALL	A				
	4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
	4 COC	1 % v/v	1 % v/v		FALL	A				
	4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	88 ab	82 a	87 a	83 a
	5 AIM	1 oz/a	1 oz/a		FALL	A				
	5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
	5 COC	1 % v/v	1 % v/v		FALL	A				
	5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	5 F9310-6	8 oz/a	8 oz/a		PRE	B				
	5 AATREX	16 oz/a	16 oz/a		PRE	B				
	5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	88 a	85 a	87 a
	6 AIM	1 oz/a	1 oz/a		FALL	A				
	6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
	6 COC	1 % v/v	1 % v/v		FALL	A				
	6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	6 F9310-6	8 oz/a	8 oz/a		PRE	B				
	6 AATREX	16 oz/a	16 oz/a		PRE	B				
	6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	ERICA	SETFA	AMBEL	AMBTR						
Pest Scientific Name	Conyza canadensis	Setaria faberi	Ambrosia artemisiifolia	Ambrosia trifida						
Pest Name	Canada horseweed	Giant foxtail	Common ragweed	Giant ragweed						
Rating Date	May-17-2012	May-17-2012	May-17-2012	May-17-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	182 15	182 15	182 15	182 15						
Trt-Eval Interval	15 DA-B	15 DA-B	15 DA-B	15 DA-B						
Plant-Eval Interval	17 DP-1	17 DP-1	17 DP-1	17 DP-1						
Days After Emergence	8 DE-1	8 DE-1	8 DE-1	8 DE-1						
Number of Decimals	0	0	0	0						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	37	38	39	40
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL A		90 a	87 a	93 a	82 a
7	AIM	1 oz/a	1 oz/a		FALL A					
7	SIMAZINE	16 oz/a	16 oz/a		FALL A					
7	COC	1 % v/v	1 % v/v		FALL A					
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL A					
7	F9310-6	8 oz/a	8 oz/a		PRE B					
7	AATREX	16 oz/a	16 oz/a		PRE B					
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE B					
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL A		0 d	0 c	0 c	0 c
8	AIM	1 oz/a	1 oz/a		FALL A					
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL A					
8	COC	1 % v/v	1 % v/v		FALL A					
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL A					
8	F9310-6	8 oz/a	8 oz/a		POST C					
8	AATREX	16 oz/a	16 oz/a		POST C					
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST C					
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL A		0 d	0 c	0 c	0 c
9	AIM	1 oz/a	1 oz/a		FALL A					
9	WEEDMASTER	16 oz/a	16 oz/a		FALL A					
9	COC	1 % v/v	1 % v/v		FALL A					
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL A					
9	F9310-6	8 oz/a	8 oz/a		POST C					
9	AATREX	16 oz/a	16 oz/a		POST C					
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST C					
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL A		0 d	0 c	0 c	0 c
10	AIM	1 oz/a	1 oz/a		FALL A					
10	SIMAZINE	16 oz/a	16 oz/a		FALL A					
10	COC	1 % v/v	1 % v/v		FALL A					
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL A					
10	F9310-6	8 oz/a	8 oz/a		POST C					
10	AATREX	16 oz/a	16 oz/a		POST C					
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST C					
LSD (P=.05)							28.5	13.7	21.3	13.5
Standard Deviation							16.6	8.0	12.4	7.9
CV							36.8	18.6	25.73	16.74

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	POLPY	SETFA	ERICA	AMBTR						
Pest Scientific Name	Persicaria pen->	Setaria faberi	Conyza canadens->	Ambrosia trifi->						
Pest Name	Pennsylvania s->	Giant foxtail	Canada horsewe->	Giant ragweed						
Rating Date	May-17-2012	May-29-2012	May-29-2012	May-29-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	182 15	194 27	194 27	194 27						
Trt-Eval Interval	15 DA-B	27 DA-B	27 DA-B	27 DA-B						
Plant-Eval Interval	17 DP-1	29 DP-1	29 DP-1	29 DP-1						
Days After Emergence	8 DE-1	20 DE-1	20 DE-1	20 DE-1						
Number of Decimals	0									
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	41	42	43	44
1	UNTREATED						0 c	20.0 cd	0.0 f	0.0 c
2	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	60 b	30.0 cd	43.3 cde	80.0 a
	2 AIM	1 oz/a	1 oz/a		FALL	A				
	2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
	2 COC	1 % v/v	1 % v/v		FALL	A				
	2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	53 b	30.0 cd	50.0 cde	73.3 a
	3 AIM	1 oz/a	1 oz/a		FALL	A				
	3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
	3 COC	1 % v/v	1 % v/v		FALL	A				
	3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	27 bc	43.3 abc	86.7 ab	86.7 a
	4 AIM	1 oz/a	1 oz/a		FALL	A				
	4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
	4 COC	1 % v/v	1 % v/v		FALL	A				
	4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	80.0 a	95.0 a	80.0 a
	5 AIM	1 oz/a	1 oz/a		FALL	A				
	5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
	5 COC	1 % v/v	1 % v/v		FALL	A				
	5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	5 F9310-6	8 oz/a	8 oz/a		PRE	B				
	5 AATREX	16 oz/a	16 oz/a		PRE	B				
	5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	76.7 ab	88.3 ab	81.7 a
	6 AIM	1 oz/a	1 oz/a		FALL	A				
	6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
	6 COC	1 % v/v	1 % v/v		FALL	A				
	6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	6 F9310-6	8 oz/a	8 oz/a		PRE	B				
	6 AATREX	16 oz/a	16 oz/a		PRE	B				
	6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	POLPY	SETFA	ERICA	AMBTR					
Pest Scientific Name	Persicaria pen->	Setaria faberi	Conyza canadens->	Ambrosia trifi->					
Pest Name	Pennsylvania s->	Giant foxtail	Canada horsewe->	Giant ragweed					
Rating Date	May-17-2012	May-29-2012	May-29-2012	May-29-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing									
Days After First/Last Applic.	182 15	194 27	194 27	194 27					
Trt-Eval Interval	15 DA-B	27 DA-B	27 DA-B	27 DA-B					
Plant-Eval Interval	17 DP-1	29 DP-1	29 DP-1	29 DP-1					
Days After Emergence	8 DE-1	20 DE-1	20 DE-1	20 DE-1					
Number of Decimals	0								
Trt Treatment	Rate	Other	Other	Growth	Appl	41	42	43	44
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code				
7 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	100 a	80.0 a	73.3 abc	70.0 a
7 AIM	1 oz/a	1 oz/a		FALL	A				
7 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7 COC	1 % v/v	1 % v/v		FALL	A				
7 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7 F9310-6	8 oz/a	8 oz/a		PRE	B				
7 AATREX	16 oz/a	16 oz/a		PRE	B				
7 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	0 c	0.0 d	30.0 def	73.3 a
8 AIM	1 oz/a	1 oz/a		FALL	A				
8 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8 COC	1 % v/v	1 % v/v		FALL	A				
8 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8 F9310-6	8 oz/a	8 oz/a		POST	C				
8 AATREX	16 oz/a	16 oz/a		POST	C				
8 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	0 c	40.0 a-d	20.0 ef	30.0 b
9 AIM	1 oz/a	1 oz/a		FALL	A				
9 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9 COC	1 % v/v	1 % v/v		FALL	A				
9 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9 F9310-6	8 oz/a	8 oz/a		POST	C				
9 AATREX	16 oz/a	16 oz/a		POST	C				
9 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	0 c	36.7 bcd	60.0 bcd	26.7 b
10 AIM	1 oz/a	1 oz/a		FALL	A				
10 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10 COC	1 % v/v	1 % v/v		FALL	A				
10 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10 F9310-6	8 oz/a	8 oz/a		POST	C				
10 AATREX	16 oz/a	16 oz/a		POST	C				
10 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)						35.2	40.18	32.23	19.19
Standard Deviation						20.5	23.42	18.79	11.18
CV						46.62	53.63	34.37	18.59

Ohio State University
Horticulture and Crop Science

Pest Type					W Weed	W Weed	W Weed	W Weed		
Pest Code					AMBEL	CHEAL	ABUTH	POLPY		
Pest Scientific Name					Ambrosia artem>	Chenopodium al>	Abutilon theop>	Persicaria pen>		
Pest Name					Common ragweed	Common lambsqu>	velvetleaf	Pennsylvania s>		
Rating Date					May-29-2012	May-29-2012	May-29-2012	May-29-2012		
Rating Type					CONTRO	CONTRO	CONTRO	CONTRO		
Rating Unit					%	%	%	%		
Number of Subsamples					1	1	1	1		
Rating Timing										
Days After First/Last Applic.					194 27	194 27	194 27	194 27		
Trt-Eval Interval					27 DA-B	27 DA-B	27 DA-B	27 DA-B		
Plant-Eval Interval					29 DP-1	29 DP-1	29 DP-1	29 DP-1		
Days After Emergence					20 DE-1	20 DE-1	20 DE-1	20 DE-1		
Number of Decimals					0					
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Unit	Appl Code	45	46	47	48
1	UNTREATED						0 e	0.0 d	0.0 c	0.0 c
2	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	47 bcd	93.3 ab	100.0 a	40.0 b
	2 AIM	1 oz/a	1 oz/a		FALL	A				
	2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
	2 COC	1 % v/v	1 % v/v		FALL	A				
	2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	60 abc	88.3 ab	63.3 ab	46.7 b
	3 AIM	1 oz/a	1 oz/a		FALL	A				
	3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
	3 COC	1 % v/v	1 % v/v		FALL	A				
	3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	77 ab	66.7 bc	76.7 a	40.0 b
	4 AIM	1 oz/a	1 oz/a		FALL	A				
	4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
	4 COC	1 % v/v	1 % v/v		FALL	A				
	4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	80 a	100.0 a	100.0 a	83.3 a
	5 AIM	1 oz/a	1 oz/a		FALL	A				
	5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
	5 COC	1 % v/v	1 % v/v		FALL	A				
	5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	5 F9310-6	8 oz/a	8 oz/a		PRE	B				
	5 AATREX	16 oz/a	16 oz/a		PRE	B				
	5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	82 a	100.0 a	86.7 a	93.3 a
	6 AIM	1 oz/a	1 oz/a		FALL	A				
	6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
	6 COC	1 % v/v	1 % v/v		FALL	A				
	6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	6 F9310-6	8 oz/a	8 oz/a		PRE	B				
	6 AATREX	16 oz/a	16 oz/a		PRE	B				
	6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	AMBEL	CHEAL	ABUTH	POLPY					
Pest Scientific Name	Ambrosia artem>	Chenopodium al>	Abutilon theop>	Persicaria pen>					
Pest Name	Common ragweed	Common lambsqu>	velvetleaf	Pennsylvania s>					
Rating Date	May-29-2012	May-29-2012	May-29-2012	May-29-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Rating Timing									
Days After First/Last Applic.	194 27	194 27	194 27	194 27					
Trt-Eval Interval	27 DA-B	27 DA-B	27 DA-B	27 DA-B					
Plant-Eval Interval	29 DP-1	29 DP-1	29 DP-1	29 DP-1					
Days After Emergence	20 DE-1	20 DE-1	20 DE-1	20 DE-1					
Number of Decimals	0								
Trt Treatment	Rate	Other	Other	Growth	Appl				
No. Name	Rate Unit	Rate	Rate Unit	Stage	Code	45	46	47	48
7 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	82 a	100.0 a	100.0 a	93.3 a
7 AIM	1 oz/a	1 oz/a		FALL	A				
7 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
7 COC	1 % v/v	1 % v/v		FALL	A				
7 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
7 F9310-6	8 oz/a	8 oz/a		PRE	B				
7 AATREX	16 oz/a	16 oz/a		PRE	B				
7 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
8 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	57 abc	46.7 c	30.0 bc	0.0 c
8 AIM	1 oz/a	1 oz/a		FALL	A				
8 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
8 COC	1 % v/v	1 % v/v		FALL	A				
8 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
8 F9310-6	8 oz/a	8 oz/a		POST	C				
8 AATREX	16 oz/a	16 oz/a		POST	C				
8 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
9 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	20 de	46.7 c	30.4 bc	0.0 c
9 AIM	1 oz/a	1 oz/a		FALL	A				
9 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
9 COC	1 % v/v	1 % v/v		FALL	A				
9 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
9 F9310-6	8 oz/a	8 oz/a		POST	C				
9 AATREX	16 oz/a	16 oz/a		POST	C				
9 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
10 AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	43 cd	73.3 abc	80.4 a	0.0 c
10 AIM	1 oz/a	1 oz/a		FALL	A				
10 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
10 COC	1 % v/v	1 % v/v		FALL	A				
10 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
10 F9310-6	8 oz/a	8 oz/a		POST	C				
10 AATREX	16 oz/a	16 oz/a		POST	C				
10 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C				
LSD (P=.05)						31.2	26.84	42.13	17.34
Standard Deviation						18.2	15.64	24.21	10.11
CV						33.31	21.88	36.27	25.49

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	SETFA	AMBTR	AMBEL	ERICA						
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Ambrosia artem>	Conyza canad>						
Pest Name	Giant foxtail	Giant ragweed	Common ragweed	Canada horsewe>						
Rating Date	Jun-25-2012	Jun-25-2012	Jun-25-2012	Jun-25-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	221 26	221 26	221 26	221 26						
Trt-Eval Interval	26 DA-C	26 DA-C	26 DA-C	26 DA-C						
Plant-Eval Interval	56 DP-1	56 DP-1	56 DP-1	56 DP-1						
Days After Emergence	47 DE-1	47 DE-1	47 DE-1	47 DE-1						
Number of Decimals	0	0	0	0						
Trt No.	Treatment Name	Rate Rate Unit	Other Rate	Other Rate	Growth Unit Stage	Appl Code	49	50	51	52
1	UNTREATED						70 c	60 a	72 a	27 de
2	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	72 c	70 a	83 a	40 cd
	2 AIM	1 oz/a	1 oz/a		FALL	A				
	2 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
	2 COC	1 % v/v	1 % v/v		FALL	A				
	2 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	2 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	2 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	2 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
3	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	70 c	80 a	89 a	37 cd
	3 AIM	1 oz/a	1 oz/a		FALL	A				
	3 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
	3 COC	1 % v/v	1 % v/v		FALL	A				
	3 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	3 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	3 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	3 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
4	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	75 bc	67 a	90 a	50 c
	4 AIM	1 oz/a	1 oz/a		FALL	A				
	4 SIMAZINE	16 oz/a	16 oz/a		FALL	A				
	4 COC	1 % v/v	1 % v/v		FALL	A				
	4 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	4 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
	4 CADET	0.6 oz/a	0.6 oz/a		PRE	B				
	4 NIS	0.25 % v/v	0.25 % v/v		PRE	B				
5	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	85 ab	68 a	99 a	92 a
	5 AIM	1 oz/a	1 oz/a		FALL	A				
	5 2,4-D ESTER	16 oz/a	16 oz/a		FALL	A				
	5 COC	1 % v/v	1 % v/v		FALL	A				
	5 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	5 F9310-6	8 oz/a	8 oz/a		PRE	B				
	5 AATREX	16 oz/a	16 oz/a		PRE	B				
	5 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				
6	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	80 abc	70 a	95 a	83 ab
	6 AIM	1 oz/a	1 oz/a		FALL	A				
	6 WEEDMASTER	16 oz/a	16 oz/a		FALL	A				
	6 COC	1 % v/v	1 % v/v		FALL	A				
	6 AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A				
	6 F9310-6	8 oz/a	8 oz/a		PRE	B				
	6 AATREX	16 oz/a	16 oz/a		PRE	B				
	6 ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B				

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed	W Weed	W Weed	W Weed						
Pest Code	SETFA	AMBTR	AMBEL	ERICA						
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Ambrosia artem>	Conyza canad>						
Pest Name	Giant foxtail	Giant ragweed	Common ragweed	Canada horsewe>						
Rating Date	Jun-25-2012	Jun-25-2012	Jun-25-2012	Jun-25-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%						
Number of Subsamples	1	1	1	1						
Rating Timing										
Days After First/Last Applic.	221 26	221 26	221 26	221 26						
Trt-Eval Interval	26 DA-C	26 DA-C	26 DA-C	26 DA-C						
Plant-Eval Interval	56 DP-1	56 DP-1	56 DP-1	56 DP-1						
Days After Emergence	47 DE-1	47 DE-1	47 DE-1	47 DE-1						
Number of Decimals	0	0	0	0						
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	49	50	51	52
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL A	A	87 ab	70 a	100 a	72 b
7	AIM	1 oz/a	1 oz/a		FALL A	A				
7	SIMAZINE	16 oz/a	16 oz/a		FALL A	A				
7	COC	1 % v/v	1 % v/v		FALL A	A				
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL A	A				
7	F9310-6	8 oz/a	8 oz/a		PRE B	B				
7	AATREX	16 oz/a	16 oz/a		PRE B	B				
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE B	B				
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL A	A	87 ab	78 a	87 a	23 de
8	AIM	1 oz/a	1 oz/a		FALL A	A				
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL A	A				
8	COC	1 % v/v	1 % v/v		FALL A	A				
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL A	A				
8	F9310-6	8 oz/a	8 oz/a		POST C	C				
8	AATREX	16 oz/a	16 oz/a		POST C	C				
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST C	C				
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL A	A	92 a	50 a	80 a	10 e
9	AIM	1 oz/a	1 oz/a		FALL A	A				
9	WEEDMASTER	16 oz/a	16 oz/a		FALL A	A				
9	COC	1 % v/v	1 % v/v		FALL A	A				
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL A	A				
9	F9310-6	8 oz/a	8 oz/a		POST C	C				
9	AATREX	16 oz/a	16 oz/a		POST C	C				
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST C	C				
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL A	A	86 ab	63 a	80 a	30 cde
10	AIM	1 oz/a	1 oz/a		FALL A	A				
10	SIMAZINE	16 oz/a	16 oz/a		FALL A	A				
10	COC	1 % v/v	1 % v/v		FALL A	A				
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL A	A				
10	F9310-6	8 oz/a	8 oz/a		POST C	C				
10	AATREX	16 oz/a	16 oz/a		POST C	C				
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST C	C				
LSD (P=.05)							12.5	17.2	17.8	20.1
Standard Deviation							7.3	10.0	10.4	11.7
CV							9.07	14.78	11.89	25.27

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed
Pest Code	POLPY
Pest Scientific Name	Persicaria pen->
Pest Name	Pennsylvania s->
Rating Date	Jun-25-2012
Rating Type	CONTRO
Rating Unit	%
Number of Subsamples	1
Rating Timing	
Days After First/Last Applic.	221 26
Trt-Eval Interval	26 DA-C
Plant-Eval Interval	56 DP-1
Days After Emergence	47 DE-1
Number of Decimals	0

Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	
No.	Name	Rate Unit	Rate	Rate Unit	Stage	Code	53
1	UNTREATED						75 a-d
2	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	67 bcd
2	AIM	1 oz/a	1 oz/a		FALL	A	
2	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A	
2	COC	1 % v/v	1 % v/v		FALL	A	
2	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A	
2	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B	
2	CADET	0.6 oz/a	0.6 oz/a		PRE	B	
2	NIS	0.25 % v/v	0.25 % v/v		PRE	B	
3	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	53 d
3	AIM	1 oz/a	1 oz/a		FALL	A	
3	WEEDMASTER	16 oz/a	16 oz/a		FALL	A	
3	COC	1 % v/v	1 % v/v		FALL	A	
3	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A	
3	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B	
3	CADET	0.6 oz/a	0.6 oz/a		PRE	B	
3	NIS	0.25 % v/v	0.25 % v/v		PRE	B	
4	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	60 cd
4	AIM	1 oz/a	1 oz/a		FALL	A	
4	SIMAZINE	16 oz/a	16 oz/a		FALL	A	
4	COC	1 % v/v	1 % v/v		FALL	A	
4	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A	
4	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B	
4	CADET	0.6 oz/a	0.6 oz/a		PRE	B	
4	NIS	0.25 % v/v	0.25 % v/v		PRE	B	
5	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	80 abc
5	AIM	1 oz/a	1 oz/a		FALL	A	
5	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A	
5	COC	1 % v/v	1 % v/v		FALL	A	
5	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A	
5	F9310-6	8 oz/a	8 oz/a		PRE	B	
5	AATREX	16 oz/a	16 oz/a		PRE	B	
5	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B	
6	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	99 a
6	AIM	1 oz/a	1 oz/a		FALL	A	
6	WEEDMASTER	16 oz/a	16 oz/a		FALL	A	
6	COC	1 % v/v	1 % v/v		FALL	A	
6	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A	
6	F9310-6	8 oz/a	8 oz/a		PRE	B	
6	AATREX	16 oz/a	16 oz/a		PRE	B	
6	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B	

Ohio State University
Horticulture and Crop Science

Pest Type	W Weed
Pest Code	POLPY
Pest Scientific Name	Persicaria pen>
Pest Name	Pennsylvania s>
Rating Date	Jun-25-2012
Rating Type	CONTRO
Rating Unit	%
Number of Subsamples	1
Rating Timing	
Days After First/Last Applic.	221 26
Trt-Eval Interval	26 DA-C
Plant-Eval Interval	56 DP-1
Days After Emergence	47 DE-1
Number of Decimals	0

Trt No.	Treatment Name	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	53
7	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	93 a
7	AIM	1 oz/a	1 oz/a		FALL	A	
7	SIMAZINE	16 oz/a	16 oz/a		FALL	A	
7	COC	1 % v/v	1 % v/v		FALL	A	
7	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A	
7	F9310-6	8 oz/a	8 oz/a		PRE	B	
7	AATREX	16 oz/a	16 oz/a		PRE	B	
7	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		PRE	B	
8	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	92 ab
8	AIM	1 oz/a	1 oz/a		FALL	A	
8	2,4-D ESTER	16 oz/a	16 oz/a		FALL	A	
8	COC	1 % v/v	1 % v/v		FALL	A	
8	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A	
8	F9310-6	8 oz/a	8 oz/a		POST	C	
8	AATREX	16 oz/a	16 oz/a		POST	C	
8	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C	
9	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	67 bcd
9	AIM	1 oz/a	1 oz/a		FALL	A	
9	WEEDMASTER	16 oz/a	16 oz/a		FALL	A	
9	COC	1 % v/v	1 % v/v		FALL	A	
9	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A	
9	F9310-6	8 oz/a	8 oz/a		POST	C	
9	AATREX	16 oz/a	16 oz/a		POST	C	
9	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C	
10	AUTHORITY MTZ	12 oz/a	12 oz/a		FALL	A	67 bcd
10	AIM	1 oz/a	1 oz/a		FALL	A	
10	SIMAZINE	16 oz/a	16 oz/a		FALL	A	
10	COC	1 % v/v	1 % v/v		FALL	A	
10	AMMONIUM SULFATE	2.5 lb/a	2.5 lb/a		FALL	A	
10	F9310-6	8 oz/a	8 oz/a		POST	C	
10	AATREX	16 oz/a	16 oz/a		POST	C	
10	ROUNDUP WEATHERMAX	32 oz/a	32 oz/a		POST	C	

LSD (P=.05)	26.2
Standard Deviation	15.3
CV	20.3