

# The Ohio State University

## HORSEWEED BURN DOWN AND RESIDUAL CONTROL IN LL SOYBEANS, FALL AND SPRING

Trial ID: 12 LLHOWE      Location: Western Branch F-10      Trial Year:  
 Protocol ID: 12 LLHOWE      Investigator: Dr. Mark M. Loux  
 Project ID: 12 LLHOWE      Study Director: Bryan Reeb  
 Sponsor Contact:

### General Trial Information

**Study Director:** Bryan Reeb      **Title:** Research Technician  
**Investigator:** Dr. Mark M. Loux      **Title:** Professor

**Latitude of LL Corner °:** 39.85866 N  
**Longitude of LL Corner °:** 83.67104 W

**Conducted Under GLP:** No  
**Conducted Under GEP:** No

### Contacts

**Study Director:** Bryan Reeb      **Title:** Research Technician  
**Organization:** The Ohio State University  
**Address:** 7721 South Charleston Pike  
**City+State/Prov:** South Charleston, Ohio  
**Postal Code:** 45368      **E-mail:** reeb.22@osu.edu

**Investigator:** Dr. Mark M. Loux      **Title:** Professor  
**Organization:** The Ohio State University  
**Address:** 222 Kottman Hall, 2021 Coffey Road  
**City+State/Prov:** Columbus, Ohio  
**Postal Code:** 43210      **E-mail:** loux.1@osu.edu

**Crop 1:** GLXMA      Glycine max  
**Variety:** Pioneer 93L71  
**Description:** glufosinate resistant  
**Crop Description:** Soybean  
**BBCH Scale:** BSOY

**Planting Rate, Unit:** 225000 S/A      **Planting Date:** Apr-30-2012  
**Depth, Unit:** 0.5 IN      **Planting Method:** PLANTD planted  
**Row Spacing, Unit:** 15 IN      **Emergence Date:** May-9-2012  
**Soil Temperature, Unit:** 63 F  
**Soil Moisture:** GOOD      good  
**Seed Bed:** MEDIUM      medium

### Pest Description

**Pest 1 Type:** W      **Code:** LAMPU Lamium purpureum  
**Common Name:** Purple deadnettel

**Pest 2 Type:** W      **Code:** STEME Stellaria media  
**Common Name:** Common chickweed

**Pest 3 Type:** W      **Code:** SENGL Senecio glabellus  
**Common Name:** Cressleaf groundsel

**Pest 4 Type:** W      **Code:** TAROF Taraxacum officinale  
**Common Name:** Common dandelion

**Pest 5 Type:** W      **Code:** LAMAM Lamium amplexicaule  
**Common Name:** Henbit

**Pest 6 Type:** W      **Code:** ERYRE Erysimum repandum  
**Common Name:** Bushy wallflower

**Pest 7 Type:** W      **Code:** ERICA Conyza canadensis  
**Common Name:** Canada horseweed

**Pest 8 Type:** W      **Code:** AMBTR Ambrosia trifida  
**Common Name:** Giant ragweed

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## Site and Design

**Treated Plot Width:** 10 FT  
**Treated Plot Length:** 30 FT  
**Treated Plot Area:** 300 FT2  
**Replications:** 3  
**Untreated Arrangement:** INCLUDED single control randomized in each block

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

**Treatments:** 18

## Soil Description

**Description Name:** F-10 East  
**% OM:** 2.2  
**pH:** 5.9  
**CEC:** 22

**Texture:** SSIL sandy silt loam  
**Soil Name:** Kokomo Silty Clay Loam  
**Fert. Level:** G good  
**Soil Drainage:** G good

## Application Description

	A	B	C
<b>Application Date:</b>	Nov-17-2011	Apr-25-2012	Jun-15-2012
<b>Appl. Start Time:</b>	10:00 AM	9:30 AM	9:00 AM
<b>Application Method:</b>	SPRAY	SPRAY	SPRAY
<b>Application Timing:</b>	FALL	7 EPP	POST
<b>Application Placement:</b>	BROFOL	BROFOL	BROFOL
<b>Applied By:</b>		REEB	REEB
<b>Air Temperature, Unit:</b>	38 F	55 F	76 F
<b>% Relative Humidity:</b>	49	62	65
<b>Wind Velocity, Unit:</b>	8 MPH	5 MPH	6 MPH
<b>Wind Direction:</b>	WSW	S	SE
<b>Dew Presence (Y/N):</b>	N no	N no	N no
<b>Soil Temperature, Unit:</b>	41 F	45 F	70 F
<b>Soil Moisture:</b>	MOIST	GOOD	GOOD
<b>% Cloud Cover:</b>	7	3	0

## Crop Stage At Each Application

	A	B	C
<b>Crop 1 Code, BBCH Scale:</b>	GLXMA	BSOY	GLXMA BSOY

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## Pest Stage At Each Application

	A		B		C	
<b>Pest 1 Code, Type, Scale:</b>	LAMPU	W	LAMPU	W	LAMPU	W
<b>Stage Majority, Percent:</b>	12	100	65	100		
<b>Diameter, Unit:</b>	3	IN	4	IN		
<b>Height, Unit:</b>	2	IN	6	IN		
<b>Height Minimum, Maximum:</b>	1	2	4	6		
<b>Density, Unit:</b>	25.27	m2	25.27	m2		
<b>Pest 2 Code, Type, Scale:</b>	STEME	W	STEME	W	STEME	W
<b>Stage Majority, Percent:</b>	12	100	65	100		
<b>Diameter, Unit:</b>	2	IN	12	IN		
<b>Height, Unit:</b>	2	IN	2	IN		
<b>Height Minimum, Maximum:</b>	1	2	2	3		
<b>Density, Unit:</b>	8	m2	8	m2		
<b>Pest 3 Code, Type, Scale:</b>	SENGL	W	SENGL	W	SENGL	W
<b>Stage Majority, Percent:</b>	12	100				
<b>Diameter, Unit:</b>	4	IN				
<b>Height, Unit:</b>	2	IN				
<b>Height Minimum, Maximum:</b>	1	2				
<b>Density, Unit:</b>	0.25	m2				
<b>Pest 4 Code, Type, Scale:</b>	TAROF	W	TAROF	W	TAROF	W
<b>Stage Majority, Percent:</b>	15	100				
<b>Diameter, Unit:</b>	6	IN				
<b>Height, Unit:</b>	1	IN				
<b>Height Minimum, Maximum:</b>	0.5	1				
<b>Density, Unit:</b>	2.66	m2				
<b>Pest 5 Code, Type, Scale:</b>	LAMAM	W	LAMAM	W	LAMAM	W
<b>Stage Majority, Percent:</b>			65	100		
<b>Diameter, Unit:</b>			6	IN		
<b>Height, Unit:</b>			3	IN		
<b>Height Minimum, Maximum:</b>			2	3		
<b>Density, Unit:</b>			6.65	m2		
<b>Pest 6 Code, Type, Scale:</b>	ERYRE	W	ERYRE	W	ERYRE	W
<b>Stage Majority, Percent:</b>			65	100		
<b>Height, Unit:</b>			9	IN		
<b>Height Minimum, Maximum:</b>			7	9		
<b>Density, Unit:</b>			4	m2		
<b>Pest 7 Code, Type, Scale:</b>	ERICA	W	ERICA	W	ERICA	W
<b>Stage Majority, Percent:</b>			19	100		
<b>Height, Unit:</b>			1.5	IN		
<b>Height Minimum, Maximum:</b>			0.5	1.5		
<b>Density, Unit:</b>			34.58	m2		
<b>Pest 8 Code, Type, Scale:</b>	AMBTR	W	AMBTR	W	AMBTR	W
<b>Stage Majority, Percent:</b>			18	100		
<b>Height, Unit:</b>			2	IN		
<b>Height Minimum, Maximum:</b>			1			
<b>Density, Unit:</b>			5.32	m2		

## Application Equipment

	A		B		C	
<b>Appl. Equipment:</b>	Backpack		Backpack		TRACTOR	
<b>Equipment Type:</b>	SPRBAC		SPRBAC		SPTRMO	
<b>Operation Pressure, Unit:</b>	46	PSI	44	PSI	30	PSI
<b>Nozzle Type:</b>	DG		AIXR		AI	
<b>Nozzle Size:</b>	110015		110015		11002	
<b>Nozzle Spacing, Unit:</b>	18	IN	18	IN	20	IN
<b>Boom Length, Unit:</b>	10	FT	10	FT	10	FT
<b>Boom Height, Unit:</b>	18	IN	18	IN	20	IN
<b>Ground Speed, Unit:</b>	3	MPH	3	MPH	3.8	MPH
<b>Carrier:</b>	WATER		WATER		WATER	
<b>Spray Volume, Unit:</b>	15	gal/ac	15	gal/ac	15	gal/ac
<b>Mix Size, Unit:</b>	2	Liters	2	Liters	40	gallons
<b>Propellant:</b>	COMCO2		COMCO2		PUMROL	

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	LAMPU	STEME	VERAG	AMBTR
Pest Scientific Name	Lamium purple>	Stellaria media	Veronica agres>	Ambrosia trifi>
Pest Name	Purple deadnet>	Common chickwe>	Field speedwell	Giant ragweed
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
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 No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	1	2	3	4
1 Ignite	32 oz/a		7 EPP	B	0	0	0	0
1 N-pak ams	1.5 qt/a		7 EPP	B				
1 Ignite	22 oz/a		POST	C				
1 N-pak ams	1.5 qt/a		POST	C				
2 Ignite	32 oz/a		7 EPP	B	0	0	0	0
2 Sencor 75DF	8 oz/a		7 EPP	B				
2 N-pak ams	1.5 qt/a		7 EPP	B				
2 Ignite	22 oz/a		POST	C				
2 N-pak ams	1.5 qt/a		POST	C				
3 Roundup Power Max	22 oz/a		7 EPP	B	0	0	0	0
3 2,4-D Ester	1 pt/a		7 EPP	B				
3 N-pak ams	1.5 qt/a		7 EPP	B				
3 Ignite	22 oz/a		POST	C				
3 N-pak ams	1.5 qt/a		POST	C				
4 Roundup Power Max	22 oz/a		7 EPP	B	0	0	0	0
4 Sharpen	1 oz/a		7 EPP	B				
4 N-pak ams	1.5 qt/a		7 EPP	B				
4 Ignite	22 oz/a		POST	C				
4 N-pak ams	1.5 qt/a		POST	C				
5 Valor XLT @4oz			7 EPP	B	0	0	0	0
5 Valor SX	2.35 oz/a		7 EPP	B				
5 Classic	1.65 oz/a		7 EPP	B				
5 Roundup Power Max	22 oz/a		7 EPP	B				
5 2,4-D Ester	1 pt/a		7 EPP	B				
5 N-pak ams	1.5 qt/a		7 EPP	B				
5 Ignite	22 oz/a		POST	C				
5 N-pak ams	1.5 qt/a		POST	C				
6 Roundup Power Max	11 oz/a		FALL	A	100	100	99	98
6 2,4-D Ester	1 pt/a		FALL	A				
6 N-pak ams	1.5 qt/a		FALL	A				
6 Roundup Power Max	22 oz/a		7 EPP	B				
6 2,4-D Ester	1 pt/a		7 EPP	B				
6 N-pak ams	1.5 qt/a		7 EPP	B				
6 Ignite	22 oz/a		POST	C				
6 N-pak ams	1.5 qt/a		POST	C				

Could not calculate LSD (% mean diff) for columns 1,5,6,9,10,25 because error mean square = 0.

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	LAMPU	STEME	VERAG	AMBTR
Pest Scientific Name	Lamium purpure>	Stellaria media	Veronica agres>	Ambrosia trifi>
Pest Name	Purple deadnet>	Common chickwe>	Field speedwell	Giant ragweed
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
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	Other Rate	Other Rate Unit	Growth Stage	Appl Code	1	2	3	4
7	Roundup Power Max	11 oz/a		FALL	A	100	100	97	100
7	2,4-D Ester	1 pt/a		FALL	A				
7	N-pak ams	1.5 qt/a		FALL	A				
7	Roundup Power Max	22 oz/a		7 EPP	B				
7	Sharpen	1 oz/a		7 EPP	B				
7	N-pak ams	1.5 qt/a		7 EPP	B				
7	Ignite	22 oz/a		POST	C				
7	N-pak ams	1.5 qt/a		POST	C				
8	Roundup Power Max	11 oz/a		FALL	A	100	100	98	98
8	2,4-D Ester	1 pt/a		FALL	A				
8	N-pak ams	1.5 qt/a		FALL	A				
8	VALOR XLT @4oz			7 EPP	B				
8	Valor SX	2.35 oz/a		7 EPP	B				
8	Classic	1.65 oz/a		7 EPP	B				
8	Roundup Power Max	22 oz/a		7 EPP	B				
8	2,4-D Ester	1 pt/a		7 EPP	B				
8	N-pak ams	1.5 qt/a		7 EPP	B				
8	Ignite	22 oz/a		POST	C				
8	N-pak ams	1.5 qt/a		POST	C				
9	Roundup Power Max	11 oz/a		FALL	A	100	100	100	100
9	2,4-D Ester	1 pt/a		FALL	A				
9	N-pak ams	1.5 qt/a		FALL	A				
9	Ignite	32 oz/a		7 EPP	B				
9	N-pak ams	1.5 qt/a		7 EPP	B				
9	Ignite	22 oz/a		POST	C				
9	N-pak ams	1.5 qt/a		POST	C				
10	Roundup Power Max	11 oz/a		FALL	A	100	100	100	100
10	2,4-D Ester	1 pt/a		FALL	A				
10	N-pak ams	1.5 qt/a		FALL	A				
10	Ignite	32 oz/a		7 EPP	B				
10	Sencor 75DF	8 oz/a		7 EPP	B				
10	N-pak ams	1.5 qt/a		7 EPP	B				
10	Ignite	22 oz/a		POST	C				
10	N-pak ams	1.5 qt/a		POST	C				
11	Canopy	4.5 oz/a		FALL	A	100	100	100	100
11	2,4-D Ester	1 pt/a		FALL	A				
11	N-pak ams	1.5 qt/a		FALL	A				
11	Coc	0.6 qt/a		FALL	A				
11	Ignite	22 oz/a		POST	C				
11	N-pak ams	1.5 qt/a		POST	C				
12	Canopy	2.25 oz/a		FALL	A	100	100	100	100
12	2,4-D Ester	1 pt/a		FALL	A				
12	N-pak ams	1.5 qt/a		FALL	A				
12	Coc	0.6 qt/a		FALL	A				
12	Roundup Power Max	22 oz/a		7 EPP	B				
12	2,4-D Ester	1 pt/a		7 EPP	B				
12	N-pak ams	1.5 qt/a		7 EPP	B				
12	Ignite	22 oz/a		POST	C				
12	N-pak ams	1.5 qt/a		POST	C				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	LAMPU	STEME	VERAG	AMBTR
Pest Scientific Name	Lamium purpure>	Stellaria media	Veronica agres>	Ambrosia trifi>
Pest Name	Purple deadnet>	Common chickwe>	Field speedwell	Giant ragweed
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
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	Other Rate	Other Rate Unit	Growth Stage	Appl Code	1	2	3	4
13	Canopy	2.25 oz/a		FALL	A	100	100	100	100
13	2,4-D Ester	1 pt/a		FALL	A				
13	N-pak ams	1.5 qt/a		FALL	A				
13	Coc	0.6 qt/a		FALL	A				
13	Roundup Power Max	22 oz/a		7 EPP	B				
13	Sharpen	1 oz/a		7 EPP	B				
13	N-pak ams	1.5 qt/a		7 EPP	B				
13	Ignite	22 oz/a		POST	C				
13	N-pak ams	1.5 qt/a		POST	C				
14	Canopy	2.25 oz/a		FALL	A	100	100	100	100
14	2,4-D Ester	1 pt/a		FALL	A				
14	N-pak ams	1.5 qt/a		FALL	A				
14	Coc	0.6 qt/a		FALL	A				
14	Gramoxone Inteon	40 oz/a		7 EPP	B				
14	Sencor 75DF	8 oz/a		7 EPP	B				
14	N-pak ams	1.5 qt/a		7 EPP	B				
14	Ignite	22 oz/a		POST	C				
14	N-pak ams	1.5 qt/a		POST	C				
15	Canopy	2.25 oz/a		FALL	A	100	100	100	99
15	2,4-D Ester	1 pt/a		FALL	A				
15	N-pak ams	1.5 qt/a		FALL	A				
15	Coc	0.6 qt/a		FALL	A				
15	Valor XLT @4oz			7 EPP	B				
15	Valor SX	2.35 oz/a		7 EPP	B				
15	Classic	1.65 oz/a		7 EPP	B				
15	Roundup Power Max	22 oz/a		7 EPP	B				
15	2,4-D Ester	1 pt/a		7 EPP	B				
15	N-pak ams	1.5 qt/a		7 EPP	B				
15	Ignite	22 oz/a		POST	C				
15	N-pak ams	1.5 qt/a		POST	C				
16	Canopy	2.25 oz/a		FALL	A	100	100	100	100
16	2,4-D Ester	1 pt/a		FALL	A				
16	N-pak ams	1.5 qt/a		FALL	A				
16	Coc	0.6 qt/a		FALL	A				
16	Valor XLT @2oz			7 EPP	B				
16	Valor SX	1.17 oz/a		7 EPP	B				
16	Classic	0.83 oz/a		7 EPP	B				
16	Roundup Power Max	22 oz/a		7 EPP	B				
16	2,4-D Ester	1 pt/a		7 EPP	B				
16	N-pak ams	1.5 qt/a		7 EPP	B				
16	Ignite	22 oz/a		POST	C				
16	N-pak ams	1.5 qt/a		POST	C				
17	Canopy	2.25 oz/a		FALL	A	100	100	100	100
17	2,4-D Ester	1 pt/a		FALL	A				
17	N-pak ams	1.5 qt/a		FALL	A				
17	Coc	0.6 qt/a		FALL	A				
17	Ignite	32 oz/a		7 EPP	B				
17	N-pak ams	1.5 qt/a		7 EPP	B				
17	Ignite	22 oz/a		POST	C				
17	N-pak ams	1.5 qt/a		POST	C				

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Pest Name	Purple deadnet>	Common chickwe>	Field speedwell	Giant ragweed					
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					
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	Other	Other	Growth	Appl	1	2	3	4	
No. Name	Rate	Rate	Unit	Stage	Code				
18 Canopy	2.25 oz/a			FALL	A	100	100	100	100
18 2,4-D Ester	1 pt/a			FALL	A				
18 N-pak ams	1.5 qt/a			FALL	A				
18 Coc	0.6 qt/a			FALL	A				
18 Ignite	32 oz/a			7 EPP	B				
18 Sencor 75DF	8 oz/a			7 EPP	B				
18 N-pak ams	1.5 qt/a			7 EPP	B				
18 Ignite	22 oz/a			POST	C				
18 N-pak ams	1.5 qt/a			POST	C				
LSD P=.05							0.2	2.5	1.6
Standard Deviation						0.0	0.1	1.5	0.9
CV						0.0	0.19	2.07	1.32
Bartlett's X2						0.0	0.0	4.047	1.653
P(Bartlett's X2)						.	.	0.132	0.438
Replicate F						0.000	1.000	2.417	2.957
Replicate Prob(F)						1.0000	0.3784	0.1044	0.0655
Treatment F						0.000	343942.211	2853.435	7022.740
Treatment Prob(F)						1.0000	0.0001	0.0001	0.0001

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Pest Name	Purple deadnet>	Common chickwe>	Field speedwell	Giant ragweed
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
Days After First/Last Applic.	165 5	165 5	165 5	165 5
Trt-Eval Interval				
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 No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	5	6	7	8
1 Ignite	32 oz/a		7 EPP	B	0	0	0	0
1 N-pak ams	1.5 qt/a		7 EPP	B				
1 Ignite	22 oz/a		POST	C				
1 N-pak ams	1.5 qt/a		POST	C				
2 Ignite	32 oz/a		7 EPP	B	0	0	0	0
2 Sencor 75DF	8 oz/a		7 EPP	B				
2 N-pak ams	1.5 qt/a		7 EPP	B				
2 Ignite	22 oz/a		POST	C				
2 N-pak ams	1.5 qt/a		POST	C				
3 Roundup Power Max	22 oz/a		7 EPP	B	0	0	0	0
3 2,4-D Ester	1 pt/a		7 EPP	B				
3 N-pak ams	1.5 qt/a		7 EPP	B				
3 Ignite	22 oz/a		POST	C				
3 N-pak ams	1.5 qt/a		POST	C				
4 Roundup Power Max	22 oz/a		7 EPP	B	0	0	0	0
4 Sharpen	1 oz/a		7 EPP	B				
4 N-pak ams	1.5 qt/a		7 EPP	B				
4 Ignite	22 oz/a		POST	C				
4 N-pak ams	1.5 qt/a		POST	C				
5 Valor XLT @4oz			7 EPP	B	0	0	0	0
5 Valor SX	2.35 oz/a		7 EPP	B				
5 Classic	1.65 oz/a		7 EPP	B				
5 Roundup Power Max	22 oz/a		7 EPP	B				
5 2,4-D Ester	1 pt/a		7 EPP	B				
5 N-pak ams	1.5 qt/a		7 EPP	B				
5 Ignite	22 oz/a		POST	C				
5 N-pak ams	1.5 qt/a		POST	C				
6 Roundup Power Max	11 oz/a		FALL	A	100	100	98	100
6 2,4-D Ester	1 pt/a		FALL	A				
6 N-pak ams	1.5 qt/a		FALL	A				
6 Roundup Power Max	22 oz/a		7 EPP	B				
6 2,4-D Ester	1 pt/a		7 EPP	B				
6 N-pak ams	1.5 qt/a		7 EPP	B				
6 Ignite	22 oz/a		POST	C				
6 N-pak ams	1.5 qt/a		POST	C				



# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	LAMPU	STEME	VERAG	AMBTR
Pest Scientific Name	Lamium purpure>	Stellaria media	Veronica agres>	Ambrosia trifi>
Pest Name	Purple deadnet>	Common chickwe>	Field speedwell	Giant ragweed
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
Days After First/Last Applic.	165 5	165 5	165 5	165 5
Trt-Eval Interval				
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 No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	5	6	7	8
7 Roundup Power Max	11 oz/a		FALL	A	100	100	98	100
7 2,4-D Ester	1 pt/a		FALL	A				
7 N-pak ams	1.5 qt/a		FALL	A				
7 Roundup Power Max	22 oz/a		7 EPP	B				
7 Sharpen	1 oz/a		7 EPP	B				
7 N-pak ams	1.5 qt/a		7 EPP	B				
7 Ignite	22 oz/a		POST	C				
7 N-pak ams	1.5 qt/a		POST	C				
8 Roundup Power Max	11 oz/a		FALL	A	100	100	98	100
8 2,4-D Ester	1 pt/a		FALL	A				
8 N-pak ams	1.5 qt/a		FALL	A				
8 VALOR XLT @4oz			7 EPP	B				
8 Valor SX	2.35 oz/a		7 EPP	B				
8 Classic	1.65 oz/a		7 EPP	B				
8 Roundup Power Max	22 oz/a		7 EPP	B				
8 2,4-D Ester	1 pt/a		7 EPP	B				
8 N-pak ams	1.5 qt/a		7 EPP	B				
8 Ignite	22 oz/a		POST	C				
8 N-pak ams	1.5 qt/a		POST	C				
9 Roundup Power Max	11 oz/a		FALL	A	100	100	100	100
9 2,4-D Ester	1 pt/a		FALL	A				
9 N-pak ams	1.5 qt/a		FALL	A				
9 Ignite	32 oz/a		7 EPP	B				
9 N-pak ams	1.5 qt/a		7 EPP	B				
9 Ignite	22 oz/a		POST	C				
9 N-pak ams	1.5 qt/a		POST	C				
10 Roundup Power Max	11 oz/a		FALL	A	100	100	100	98
10 2,4-D Ester	1 pt/a		FALL	A				
10 N-pak ams	1.5 qt/a		FALL	A				
10 Ignite	32 oz/a		7 EPP	B				
10 Sencor 75DF	8 oz/a		7 EPP	B				
10 N-pak ams	1.5 qt/a		7 EPP	B				
10 Ignite	22 oz/a		POST	C				
10 N-pak ams	1.5 qt/a		POST	C				
11 Canopy	4.5 oz/a		FALL	A	100	100	100	100
11 2,4-D Ester	1 pt/a		FALL	A				
11 N-pak ams	1.5 qt/a		FALL	A				
11 Coc	0.6 qt/a		FALL	A				
11 Ignite	22 oz/a		POST	C				
11 N-pak ams	1.5 qt/a		POST	C				
12 Canopy	2.25 oz/a		FALL	A	100	100	100	100
12 2,4-D Ester	1 pt/a		FALL	A				
12 N-pak ams	1.5 qt/a		FALL	A				
12 Coc	0.6 qt/a		FALL	A				
12 Roundup Power Max	22 oz/a		7 EPP	B				
12 2,4-D Ester	1 pt/a		7 EPP	B				
12 N-pak ams	1.5 qt/a		7 EPP	B				
12 Ignite	22 oz/a		POST	C				
12 N-pak ams	1.5 qt/a		POST	C				

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	LAMPU	STEME	VERAG	AMBTR
Pest Scientific Name	Lamium purpure>	Stellaria media	Veronica agres>	Ambrosia trifi>
Pest Name	Purple deadnet>	Common chickwe>	Field speedwell	Giant ragweed
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
Days After First/Last Applic.	165 5	165 5	165 5	165 5
Trt-Eval Interval				
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 No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	5	6	7	8
13 Canopy	2.25 oz/a		FALL	A	100	100	100	100
13 2,4-D Ester	1 pt/a		FALL	A				
13 N-pak ams	1.5 qt/a		FALL	A				
13 Coc	0.6 qt/a		FALL	A				
13 Roundup Power Max	22 oz/a		7 EPP	B				
13 Sharpen	1 oz/a		7 EPP	B				
13 N-pak ams	1.5 qt/a		7 EPP	B				
13 Ignite	22 oz/a		POST	C				
13 N-pak ams	1.5 qt/a		POST	C				
14 Canopy	2.25 oz/a		FALL	A	100	100	100	100
14 2,4-D Ester	1 pt/a		FALL	A				
14 N-pak ams	1.5 qt/a		FALL	A				
14 Coc	0.6 qt/a		FALL	A				
14 Gramoxone Inteon	40 oz/a		7 EPP	B				
14 Sencor 75DF	8 oz/a		7 EPP	B				
14 N-pak ams	1.5 qt/a		7 EPP	B				
14 Ignite	22 oz/a		POST	C				
14 N-pak ams	1.5 qt/a		POST	C				
15 Canopy	2.25 oz/a		FALL	A	100	100	100	100
15 2,4-D Ester	1 pt/a		FALL	A				
15 N-pak ams	1.5 qt/a		FALL	A				
15 Coc	0.6 qt/a		FALL	A				
15 Valor XLT @4oz			7 EPP	B				
15 Valor SX	2.35 oz/a		7 EPP	B				
15 Classic	1.65 oz/a		7 EPP	B				
15 Roundup Power Max	22 oz/a		7 EPP	B				
15 2,4-D Ester	1 pt/a		7 EPP	B				
15 N-pak ams	1.5 qt/a		7 EPP	B				
15 Ignite	22 oz/a		POST	C				
15 N-pak ams	1.5 qt/a		POST	C				
16 Canopy	2.25 oz/a		FALL	A	100	100	100	100
16 2,4-D Ester	1 pt/a		FALL	A				
16 N-pak ams	1.5 qt/a		FALL	A				
16 Coc	0.6 qt/a		FALL	A				
16 Valor XLT @2oz			7 EPP	B				
16 Valor SX	1.17 oz/a		7 EPP	B				
16 Classic	0.83 oz/a		7 EPP	B				
16 Roundup Power Max	22 oz/a		7 EPP	B				
16 2,4-D Ester	1 pt/a		7 EPP	B				
16 N-pak ams	1.5 qt/a		7 EPP	B				
16 Ignite	22 oz/a		POST	C				
16 N-pak ams	1.5 qt/a		POST	C				
17 Canopy	2.25 oz/a		FALL	A	100	100	100	100
17 2,4-D Ester	1 pt/a		FALL	A				
17 N-pak ams	1.5 qt/a		FALL	A				
17 Coc	0.6 qt/a		FALL	A				
17 Ignite	32 oz/a		7 EPP	B				
17 N-pak ams	1.5 qt/a		7 EPP	B				
17 Ignite	22 oz/a		POST	C				
17 N-pak ams	1.5 qt/a		POST	C				

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed				
Pest Code	LAMPU	STEME	VERAG	AMBTR				
Pest Scientific Name	Lamium purpure>	Stellaria media	Veronica agres>	Ambrosia trifi>				
Pest Name	Purple deadnet>	Common chickwe>	Field speedwell	Giant ragweed				
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				
Days After First/Last Applic.	165 5	165 5	165 5	165 5				
Trt-Eval Interval								
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 No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	5	6	7	8
18 Canopy	2.25 oz/a		FALL A		100	100	100	100
18 2,4-D Ester	1 pt/a		FALL A					
18 N-pak ams	1.5 qt/a		FALL A					
18 Coc	0.6 qt/a		FALL A					
18 Ignite	32 oz/a		7 EPP B					
18 Sencor 75DF	8 oz/a		7 EPP B					
18 N-pak ams	1.5 qt/a		7 EPP B					
18 Ignite	22 oz/a		POST C					
18 N-pak ams	1.5 qt/a		POST C					
LSD P=.05							1.8	1.1
Standard Deviation					0.0	0.0	1.1	0.7
CV					0.0	0.0	1.54	0.94
Bartlett's X2					0.0	0.0	0.0	0.0
P(Bartlett's X2)					.	.	.	.
Replicate F					0.000	0.000	3.400	1.000
Replicate Prob(F)					1.0000	1.0000	0.0451	0.3784
Treatment F					0.000	0.000	5161.001	13730.413
Treatment Prob(F)					1.0000	1.0000	0.0001	0.0001

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	ERYRE	LAMPU
Pest Scientific Name	Conyza canadensis	Erysimum repens	Lamium purpureum
Pest Name	Canada horseweed	Bushy wallflower	Purple deadnettle
Rating Date	Apr-30-2012	Apr-30-2012	May-14-2012
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	165 5	165 5	179 19
Trt-Eval Interval			
Plant-Eval Interval	0 DP-1	0 DP-1	14 DP-1
Days After Emergence	-9 DE-1	-9 DE-1	5 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	9	10	11
1	Ignite	32 oz/a		7 EPP	B	0	0	67
1	N-pak ams	1.5 qt/a		7 EPP	B			
1	Ignite	22 oz/a		POST	C			
1	N-pak ams	1.5 qt/a		POST	C			
2	Ignite	32 oz/a		7 EPP	B	0	0	100
2	Sencor 75DF	8 oz/a		7 EPP	B			
2	N-pak ams	1.5 qt/a		7 EPP	B			
2	Ignite	22 oz/a		POST	C			
2	N-pak ams	1.5 qt/a		POST	C			
3	Roundup Power Max	22 oz/a		7 EPP	B	0	0	90
3	2,4-D Ester	1 pt/a		7 EPP	B			
3	N-pak ams	1.5 qt/a		7 EPP	B			
3	Ignite	22 oz/a		POST	C			
3	N-pak ams	1.5 qt/a		POST	C			
4	Roundup Power Max	22 oz/a		7 EPP	B	0	0	98
4	Sharpen	1 oz/a		7 EPP	B			
4	N-pak ams	1.5 qt/a		7 EPP	B			
4	Ignite	22 oz/a		POST	C			
4	N-pak ams	1.5 qt/a		POST	C			
5	Valor XLT @4oz			7 EPP	B	0	0	100
5	Valor SX	2.35 oz/a		7 EPP	B			
5	Classic	1.65 oz/a		7 EPP	B			
5	Roundup Power Max	22 oz/a		7 EPP	B			
5	2,4-D Ester	1 pt/a		7 EPP	B			
5	N-pak ams	1.5 qt/a		7 EPP	B			
5	Ignite	22 oz/a		POST	C			
5	N-pak ams	1.5 qt/a		POST	C			
6	Roundup Power Max	11 oz/a		FALL	A	100	100	100
6	2,4-D Ester	1 pt/a		FALL	A			
6	N-pak ams	1.5 qt/a		FALL	A			
6	Roundup Power Max	22 oz/a		7 EPP	B			
6	2,4-D Ester	1 pt/a		7 EPP	B			
6	N-pak ams	1.5 qt/a		7 EPP	B			
6	Ignite	22 oz/a		POST	C			
6	N-pak ams	1.5 qt/a		POST	C			

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	ERYRE	LAMPU
Pest Scientific Name	Conyza canadensis	Erysimum repens	Lamium purpureum
Pest Name	Canada horseweed	Bushy wallflower	Purple deadnettle
Rating Date	Apr-30-2012	Apr-30-2012	May-14-2012
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	165 5	165 5	179 19
Trt-Eval Interval			
Plant-Eval Interval	0 DP-1	0 DP-1	14 DP-1
Days After Emergence	-9 DE-1	-9 DE-1	5 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	9	10	11
7	Roundup Power Max	11 oz/a		FALL	A	100	100	100
7	2,4-D Ester	1 pt/a		FALL	A			
7	N-pak ams	1.5 qt/a		FALL	A			
7	Roundup Power Max	22 oz/a		7 EPP	B			
7	Sharpen	1 oz/a		7 EPP	B			
7	N-pak ams	1.5 qt/a		7 EPP	B			
7	Ignite	22 oz/a		POST	C			
7	N-pak ams	1.5 qt/a		POST	C			
8	Roundup Power Max	11 oz/a		FALL	A	100	100	100
8	2,4-D Ester	1 pt/a		FALL	A			
8	N-pak ams	1.5 qt/a		FALL	A			
8	VALOR XLT @4oz			7 EPP	B			
8	Valor SX	2.35 oz/a		7 EPP	B			
8	Classic	1.65 oz/a		7 EPP	B			
8	Roundup Power Max	22 oz/a		7 EPP	B			
8	2,4-D Ester	1 pt/a		7 EPP	B			
8	N-pak ams	1.5 qt/a		7 EPP	B			
8	Ignite	22 oz/a		POST	C			
8	N-pak ams	1.5 qt/a		POST	C			
9	Roundup Power Max	11 oz/a		FALL	A	100	100	100
9	2,4-D Ester	1 pt/a		FALL	A			
9	N-pak ams	1.5 qt/a		FALL	A			
9	Ignite	32 oz/a		7 EPP	B			
9	N-pak ams	1.5 qt/a		7 EPP	B			
9	Ignite	22 oz/a		POST	C			
9	N-pak ams	1.5 qt/a		POST	C			
10	Roundup Power Max	11 oz/a		FALL	A	100	100	100
10	2,4-D Ester	1 pt/a		FALL	A			
10	N-pak ams	1.5 qt/a		FALL	A			
10	Ignite	32 oz/a		7 EPP	B			
10	Sencor 75DF	8 oz/a		7 EPP	B			
10	N-pak ams	1.5 qt/a		7 EPP	B			
10	Ignite	22 oz/a		POST	C			
10	N-pak ams	1.5 qt/a		POST	C			
11	Canopy	4.5 oz/a		FALL	A	100	100	100
11	2,4-D Ester	1 pt/a		FALL	A			
11	N-pak ams	1.5 qt/a		FALL	A			
11	Coc	0.6 qt/a		FALL	A			
11	Ignite	22 oz/a		POST	C			
11	N-pak ams	1.5 qt/a		POST	C			
12	Canopy	2.25 oz/a		FALL	A	100	100	100
12	2,4-D Ester	1 pt/a		FALL	A			
12	N-pak ams	1.5 qt/a		FALL	A			
12	Coc	0.6 qt/a		FALL	A			
12	Roundup Power Max	22 oz/a		7 EPP	B			
12	2,4-D Ester	1 pt/a		7 EPP	B			
12	N-pak ams	1.5 qt/a		7 EPP	B			
12	Ignite	22 oz/a		POST	C			
12	N-pak ams	1.5 qt/a		POST	C			

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	ERYRE	LAMPU
Pest Scientific Name	Conyza canadensis	Erysimum repens	Lamium purpureum
Pest Name	Canada horseweed	Bushy wallflower	Purple deadnettle
Rating Date	Apr-30-2012	Apr-30-2012	May-14-2012
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	165 5	165 5	179 19
Trt-Eval Interval			
Plant-Eval Interval	0 DP-1	0 DP-1	14 DP-1
Days After Emergence	-9 DE-1	-9 DE-1	5 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	9	10	11
13	Canopy	2.25 oz/a		FALL	A	100	100	100
13	2,4-D Ester	1 pt/a		FALL	A			
13	N-pak ams	1.5 qt/a		FALL	A			
13	Coc	0.6 qt/a		FALL	A			
13	Roundup Power Max	22 oz/a		7 EPP	B			
13	Sharpen	1 oz/a		7 EPP	B			
13	N-pak ams	1.5 qt/a		7 EPP	B			
13	Ignite	22 oz/a		POST	C			
13	N-pak ams	1.5 qt/a		POST	C			
14	Canopy	2.25 oz/a		FALL	A	100	100	100
14	2,4-D Ester	1 pt/a		FALL	A			
14	N-pak ams	1.5 qt/a		FALL	A			
14	Coc	0.6 qt/a		FALL	A			
14	Gramoxone Inteon	40 oz/a		7 EPP	B			
14	Sencor 75DF	8 oz/a		7 EPP	B			
14	N-pak ams	1.5 qt/a		7 EPP	B			
14	Ignite	22 oz/a		POST	C			
14	N-pak ams	1.5 qt/a		POST	C			
15	Canopy	2.25 oz/a		FALL	A	100	100	100
15	2,4-D Ester	1 pt/a		FALL	A			
15	N-pak ams	1.5 qt/a		FALL	A			
15	Coc	0.6 qt/a		FALL	A			
15	Valor XLT @4oz			7 EPP	B			
15	Valor SX	2.35 oz/a		7 EPP	B			
15	Classic	1.65 oz/a		7 EPP	B			
15	Roundup Power Max	22 oz/a		7 EPP	B			
15	2,4-D Ester	1 pt/a		7 EPP	B			
15	N-pak ams	1.5 qt/a		7 EPP	B			
15	Ignite	22 oz/a		POST	C			
15	N-pak ams	1.5 qt/a		POST	C			
16	Canopy	2.25 oz/a		FALL	A	100	100	100
16	2,4-D Ester	1 pt/a		FALL	A			
16	N-pak ams	1.5 qt/a		FALL	A			
16	Coc	0.6 qt/a		FALL	A			
16	Valor XLT @2oz			7 EPP	B			
16	Valor SX	1.17 oz/a		7 EPP	B			
16	Classic	0.83 oz/a		7 EPP	B			
16	Roundup Power Max	22 oz/a		7 EPP	B			
16	2,4-D Ester	1 pt/a		7 EPP	B			
16	N-pak ams	1.5 qt/a		7 EPP	B			
16	Ignite	22 oz/a		POST	C			
16	N-pak ams	1.5 qt/a		POST	C			
17	Canopy	2.25 oz/a		FALL	A	100	100	100
17	2,4-D Ester	1 pt/a		FALL	A			
17	N-pak ams	1.5 qt/a		FALL	A			
17	Coc	0.6 qt/a		FALL	A			
17	Ignite	32 oz/a		7 EPP	B			
17	N-pak ams	1.5 qt/a		7 EPP	B			
17	Ignite	22 oz/a		POST	C			
17	N-pak ams	1.5 qt/a		POST	C			

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed
Pest Code	ERICA	ERYRE	LAMPU
Pest Scientific Name	Conyza canadensis	Erysimum repens	Lamium purpureum
Pest Name	Canada horseweed	Bushy wallflower	Purple deadnettle
Rating Date	Apr-30-2012	Apr-30-2012	May-14-2012
Rating Type	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%
Number of Subsamples	1	1	1
Days After First/Last Applic.	165 5	165 5	179 19
Trt-Eval Interval			
Plant-Eval Interval	0 DP-1	0 DP-1	14 DP-1
Days After Emergence	-9 DE-1	-9 DE-1	5 DE-1
Number of Decimals	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	9	10	11
18	Canopy	2.25	oz/a	FALL	A	100	100	100
18	2,4-D Ester	1	pt/a	FALL	A			
18	N-pak ams	1.5	qt/a	FALL	A			
18	Coc	0.6	qt/a	FALL	A			
18	Ignite	32	oz/a	7	EPP B			
18	Sencor 75DF	8	oz/a	7	EPP B			
18	N-pak ams	1.5	qt/a	7	EPP B			
18	Ignite	22	oz/a	POST	C			
18	N-pak ams	1.5	qt/a	POST	C			

LSD P=.05			23.1
Standard Deviation	0.0	0.0	13.9
CV	0.0	0.0	14.3
Bartlett's X2	0.0	0.0	10.479
P(Bartlett's X2)	.	.	0.005*
Replicate F	0.000	0.000	1.736
Replicate Prob(F)	1.0000	1.0000	0.1914
Treatment F	0.000	0.000	1.000
Treatment Prob(F)	1.0000	1.0000	0.4813

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	STEME	VERAG	ERYRE	AMBTR
Pest Scientific Name	Stellaria media	Veronica agres>	Erysimum repa>	Ambrosia trifi>
Pest Name	Common chickwe>	Field speedwell	Bushy wallflow>	Giant ragweed
Rating Date	May-14-2012	May-14-2012	May-14-2012	May-14-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	179 19	179 19	179 19	179 19
Trt-Eval Interval				
Plant-Eval Interval	14 DP-1	14 DP-1	14 DP-1	14 DP-1
Days After Emergence	5 DE-1	5 DE-1	5 DE-1	5 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	12	13	14	15
1 Ignite	32 oz/a		7 EPP	B	67	67	49	63
1 N-pak ams	1.5 qt/a		7 EPP	B				
1 Ignite	22 oz/a		POST	C				
1 N-pak ams	1.5 qt/a		POST	C				
2 Ignite	32 oz/a		7 EPP	B	100	100	100	84
2 Sencor 75DF	8 oz/a		7 EPP	B				
2 N-pak ams	1.5 qt/a		7 EPP	B				
2 Ignite	22 oz/a		POST	C				
2 N-pak ams	1.5 qt/a		POST	C				
3 Roundup Power Max	22 oz/a		7 EPP	B	87	92	87	91
3 2,4-D Ester	1 pt/a		7 EPP	B				
3 N-pak ams	1.5 qt/a		7 EPP	B				
3 Ignite	22 oz/a		POST	C				
3 N-pak ams	1.5 qt/a		POST	C				
4 Roundup Power Max	22 oz/a		7 EPP	B	100	100	100	95
4 Sharpen	1 oz/a		7 EPP	B				
4 N-pak ams	1.5 qt/a		7 EPP	B				
4 Ignite	22 oz/a		POST	C				
4 N-pak ams	1.5 qt/a		POST	C				
5 Valor XLT @4oz			7 EPP	B	100	100	100	93
5 Valor SX	2.35 oz/a		7 EPP	B				
5 Classic	1.65 oz/a		7 EPP	B				
5 Roundup Power Max	22 oz/a		7 EPP	B				
5 2,4-D Ester	1 pt/a		7 EPP	B				
5 N-pak ams	1.5 qt/a		7 EPP	B				
5 Ignite	22 oz/a		POST	C				
5 N-pak ams	1.5 qt/a		POST	C				
6 Roundup Power Max	11 oz/a		FALL	A	100	100	100	92
6 2,4-D Ester	1 pt/a		FALL	A				
6 N-pak ams	1.5 qt/a		FALL	A				
6 Roundup Power Max	22 oz/a		7 EPP	B				
6 2,4-D Ester	1 pt/a		7 EPP	B				
6 N-pak ams	1.5 qt/a		7 EPP	B				
6 Ignite	22 oz/a		POST	C				
6 N-pak ams	1.5 qt/a		POST	C				



# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	STEME	VERAG	ERYRE	AMBTR
Pest Scientific Name	Stellaria media	Veronica agres>	Erysimum repans>	Ambrosia trifida>
Pest Name	Common chickweed>	Field speedwell	Bushy wallflower>	Giant ragweed
Rating Date	May-14-2012	May-14-2012	May-14-2012	May-14-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	179 19	179 19	179 19	179 19
Trt-Eval Interval				
Plant-Eval Interval	14 DP-1	14 DP-1	14 DP-1	14 DP-1
Days After Emergence	5 DE-1	5 DE-1	5 DE-1	5 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	12	13	14	15
7 Roundup Power Max	11 oz/a		FALL	A	100	100	100	96
7 2,4-D Ester	1 pt/a		FALL	A				
7 N-pak ams	1.5 qt/a		FALL	A				
7 Roundup Power Max	22 oz/a		7 EPP	B				
7 Sharpen	1 oz/a		7 EPP	B				
7 N-pak ams	1.5 qt/a		7 EPP	B				
7 Ignite	22 oz/a		POST	C				
7 N-pak ams	1.5 qt/a		POST	C				
8 Roundup Power Max	11 oz/a		FALL	A	100	100	100	99
8 2,4-D Ester	1 pt/a		FALL	A				
8 N-pak ams	1.5 qt/a		FALL	A				
8 VALOR XLT @4oz			7 EPP	B				
8 Valor SX	2.35 oz/a		7 EPP	B				
8 Classic	1.65 oz/a		7 EPP	B				
8 Roundup Power Max	22 oz/a		7 EPP	B				
8 2,4-D Ester	1 pt/a		7 EPP	B				
8 N-pak ams	1.5 qt/a		7 EPP	B				
8 Ignite	22 oz/a		POST	C				
8 N-pak ams	1.5 qt/a		POST	C				
9 Roundup Power Max	11 oz/a		FALL	A	100	100	100	98
9 2,4-D Ester	1 pt/a		FALL	A				
9 N-pak ams	1.5 qt/a		FALL	A				
9 Ignite	32 oz/a		7 EPP	B				
9 N-pak ams	1.5 qt/a		7 EPP	B				
9 Ignite	22 oz/a		POST	C				
9 N-pak ams	1.5 qt/a		POST	C				
10 Roundup Power Max	11 oz/a		FALL	A	100	100	100	98
10 2,4-D Ester	1 pt/a		FALL	A				
10 N-pak ams	1.5 qt/a		FALL	A				
10 Ignite	32 oz/a		7 EPP	B				
10 Sencor 75DF	8 oz/a		7 EPP	B				
10 N-pak ams	1.5 qt/a		7 EPP	B				
10 Ignite	22 oz/a		POST	C				
10 N-pak ams	1.5 qt/a		POST	C				
11 Canopy	4.5 oz/a		FALL	A	100	100	100	95
11 2,4-D Ester	1 pt/a		FALL	A				
11 N-pak ams	1.5 qt/a		FALL	A				
11 Coc	0.6 qt/a		FALL	A				
11 Ignite	22 oz/a		POST	C				
11 N-pak ams	1.5 qt/a		POST	C				
12 Canopy	2.25 oz/a		FALL	A	100	100	100	98
12 2,4-D Ester	1 pt/a		FALL	A				
12 N-pak ams	1.5 qt/a		FALL	A				
12 Coc	0.6 qt/a		FALL	A				
12 Roundup Power Max	22 oz/a		7 EPP	B				
12 2,4-D Ester	1 pt/a		7 EPP	B				
12 N-pak ams	1.5 qt/a		7 EPP	B				
12 Ignite	22 oz/a		POST	C				
12 N-pak ams	1.5 qt/a		POST	C				

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	STEME	VERAG	ERYRE	AMBTR
Pest Scientific Name	Stellaria media	Veronica agres>	Erysimum repa>	Ambrosia trifi>
Pest Name	Common chickwe>	Field speedwell	Bushy wallflow>	Giant ragweed
Rating Date	May-14-2012	May-14-2012	May-14-2012	May-14-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	179 19	179 19	179 19	179 19
Trt-Eval Interval				
Plant-Eval Interval	14 DP-1	14 DP-1	14 DP-1	14 DP-1
Days After Emergence	5 DE-1	5 DE-1	5 DE-1	5 DE-1
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	12	13	14	15
13 Canopy	2.25 oz/a		FALL	A	100	100	100	98
13 2,4-D Ester	1 pt/a		FALL	A				
13 N-pak ams	1.5 qt/a		FALL	A				
13 Coc	0.6 qt/a		FALL	A				
13 Roundup Power Max	22 oz/a		7 EPP	B				
13 Sharpen	1 oz/a		7 EPP	B				
13 N-pak ams	1.5 qt/a		7 EPP	B				
13 Ignite	22 oz/a		POST	C				
13 N-pak ams	1.5 qt/a		POST	C				
14 Canopy	2.25 oz/a		FALL	A	100	100	100	94
14 2,4-D Ester	1 pt/a		FALL	A				
14 N-pak ams	1.5 qt/a		FALL	A				
14 Coc	0.6 qt/a		FALL	A				
14 Gramoxone Inteon	40 oz/a		7 EPP	B				
14 Sencor 75DF	8 oz/a		7 EPP	B				
14 N-pak ams	1.5 qt/a		7 EPP	B				
14 Ignite	22 oz/a		POST	C				
14 N-pak ams	1.5 qt/a		POST	C				
15 Canopy	2.25 oz/a		FALL	A	100	100	100	99
15 2,4-D Ester	1 pt/a		FALL	A				
15 N-pak ams	1.5 qt/a		FALL	A				
15 Coc	0.6 qt/a		FALL	A				
15 Valor XLT @4oz			7 EPP	B				
15 Valor SX	2.35 oz/a		7 EPP	B				
15 Classic	1.65 oz/a		7 EPP	B				
15 Roundup Power Max	22 oz/a		7 EPP	B				
15 2,4-D Ester	1 pt/a		7 EPP	B				
15 N-pak ams	1.5 qt/a		7 EPP	B				
15 Ignite	22 oz/a		POST	C				
15 N-pak ams	1.5 qt/a		POST	C				
16 Canopy	2.25 oz/a		FALL	A	100	100	100	100
16 2,4-D Ester	1 pt/a		FALL	A				
16 N-pak ams	1.5 qt/a		FALL	A				
16 Coc	0.6 qt/a		FALL	A				
16 Valor XLT @2oz			7 EPP	B				
16 Valor SX	1.17 oz/a		7 EPP	B				
16 Classic	0.83 oz/a		7 EPP	B				
16 Roundup Power Max	22 oz/a		7 EPP	B				
16 2,4-D Ester	1 pt/a		7 EPP	B				
16 N-pak ams	1.5 qt/a		7 EPP	B				
16 Ignite	22 oz/a		POST	C				
16 N-pak ams	1.5 qt/a		POST	C				
17 Canopy	2.25 oz/a		FALL	A	100	100	100	99
17 2,4-D Ester	1 pt/a		FALL	A				
17 N-pak ams	1.5 qt/a		FALL	A				
17 Coc	0.6 qt/a		FALL	A				
17 Ignite	32 oz/a		7 EPP	B				
17 N-pak ams	1.5 qt/a		7 EPP	B				
17 Ignite	22 oz/a		POST	C				
17 N-pak ams	1.5 qt/a		POST	C				

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	STEME	VERAG	ERYRE	AMBTR					
Pest Scientific Name	Stellaria media	Veronica agres>	Erysimum repa>	Ambrosia trifi>					
Pest Name	Common chickwe>	Field speedwell	Bushy wallflow>	Giant ragweed					
Rating Date	May-14-2012	May-14-2012	May-14-2012	May-14-2012					
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO					
Rating Unit	%	%	%	%					
Number of Subsamples	1	1	1	1					
Days After First/Last Applic.	179 19	179 19	179 19	179 19					
Trt-Eval Interval									
Plant-Eval Interval	14 DP-1	14 DP-1	14 DP-1	14 DP-1					
Days After Emergence	5 DE-1	5 DE-1	5 DE-1	5 DE-1					
Number of Decimals	0	0	0	0					
Trt Treatment	Other	Other	Growth	Appl	12	13	14	15	
No. Name	Rate	Rate	Unit	Stage	Code				
18 Canopy	2.25 oz/a			FALL	A	100	100	100	99
18 2,4-D Ester	1 pt/a			FALL	A				
18 N-pak ams	1.5 qt/a			FALL	A				
18 Coc	0.6 qt/a			FALL	A				
18 Ignite	32 oz/a			7 EPP	B				
18 Sencor 75DF	8 oz/a			7 EPP	B				
18 N-pak ams	1.5 qt/a			7 EPP	B				
18 Ignite	22 oz/a			POST	C				
18 N-pak ams	1.5 qt/a			POST	C				
LSD P=.05						23.8	23.0	20.8	22.8
Standard Deviation						14.4	13.8	12.5	13.7
CV						14.74	14.16	12.97	14.58
Bartlett's X2						1.466	2.974	1.025	69.85
P(Bartlett's X2)						0.226	0.085	0.311	0.001*
Replicate F						1.761	1.512	1.741	5.029
Replicate Prob(F)						0.1872	0.2348	0.1906	0.0122
Treatment F						1.000	1.000	2.837	1.184
Treatment Prob(F)						0.4813	0.4813	0.0047	0.3266

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed				
Pest Code	ERICA	SETFA	SETFA	AMBTR				
Pest Scientific Name	Conyza canadensis	Setaria faberii	Setaria faberii	Ambrosia trifida				
Pest Name	Canada horseweed	Giant foxtail	Giant foxtail	Giant ragweed				
Rating Date	May-14-2012	May-14-2012	May-29-2012	May-29-2012				
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO				
Rating Unit	%	%	%	%				
Number of Subsamples	1	1	1	1				
Days After First/Last Applic.	179 19	179 19	194 34	194 34				
Trt-Eval Interval								
Plant-Eval Interval	14 DP-1	14 DP-1	29 DP-1	29 DP-1				
Days After Emergence	5 DE-1	5 DE-1	20 DE-1	20 DE-1				
Number of Decimals	0	0	0	0				
Trt Treatment No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	16	17	18	19
1 Ignite	32 oz/a		7 EPP	B	53	62	25	52
1 N-pak ams	1.5 qt/a		7 EPP	B				
1 Ignite	22 oz/a		POST	C				
1 N-pak ams	1.5 qt/a		POST	C				
2 Ignite	32 oz/a		7 EPP	B	100	91	37	50
2 Sencor 75DF	8 oz/a		7 EPP	B				
2 N-pak ams	1.5 qt/a		7 EPP	B				
2 Ignite	22 oz/a		POST	C				
2 N-pak ams	1.5 qt/a		POST	C				
3 Roundup Power Max	22 oz/a		7 EPP	B	93	99	53	57
3 2,4-D Ester	1 pt/a		7 EPP	B				
3 N-pak ams	1.5 qt/a		7 EPP	B				
3 Ignite	22 oz/a		POST	C				
3 N-pak ams	1.5 qt/a		POST	C				
4 Roundup Power Max	22 oz/a		7 EPP	B	90	99	53	60
4 Sharpen	1 oz/a		7 EPP	B				
4 N-pak ams	1.5 qt/a		7 EPP	B				
4 Ignite	22 oz/a		POST	C				
4 N-pak ams	1.5 qt/a		POST	C				
5 Valor XLT @4oz			7 EPP	B	100	98	78	77
5 Valor SX	2.35 oz/a		7 EPP	B				
5 Classic	1.65 oz/a		7 EPP	B				
5 Roundup Power Max	22 oz/a		7 EPP	B				
5 2,4-D Ester	1 pt/a		7 EPP	B				
5 N-pak ams	1.5 qt/a		7 EPP	B				
5 Ignite	22 oz/a		POST	C				
5 N-pak ams	1.5 qt/a		POST	C				
6 Roundup Power Max	11 oz/a		FALL	A	100	97	53	48
6 2,4-D Ester	1 pt/a		FALL	A				
6 N-pak ams	1.5 qt/a		FALL	A				
6 Roundup Power Max	22 oz/a		7 EPP	B				
6 2,4-D Ester	1 pt/a		7 EPP	B				
6 N-pak ams	1.5 qt/a		7 EPP	B				
6 Ignite	22 oz/a		POST	C				
6 N-pak ams	1.5 qt/a		POST	C				

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	SETFA	AMBTR
Pest Scientific Name	Conyza canadensis	Setaria faberi	Setaria faberi	Ambrosia trifida
Pest Name	Canada horseweed	Giant foxtail	Giant foxtail	Giant ragweed
Rating Date	May-14-2012	May-14-2012	May-29-2012	May-29-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	179 19	179 19	194 34	194 34
Trt-Eval Interval				
Plant-Eval Interval	14 DP-1	14 DP-1	29 DP-1	29 DP-1
Days After Emergence	5 DE-1	5 DE-1	20 DE-1	20 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	16	17	18	19
7	Roundup Power Max	11 oz/a		FALL	A	100	98	43	73
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	Roundup Power Max	22 oz/a		7 EPP	B				
	Sharpen	1 oz/a		7 EPP	B				
	N-pak ams	1.5 qt/a		7 EPP	B				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				
8	Roundup Power Max	11 oz/a		FALL	A	100	100	85	85
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	VALOR XLT @4oz			7 EPP	B				
	Valor SX	2.35 oz/a		7 EPP	B				
	Classic	1.65 oz/a		7 EPP	B				
	Roundup Power Max	22 oz/a		7 EPP	B				
	2,4-D Ester	1 pt/a		7 EPP	B				
	N-pak ams	1.5 qt/a		7 EPP	B				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				
9	Roundup Power Max	11 oz/a		FALL	A	99	97	43	77
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	Ignite	32 oz/a		7 EPP	B				
	N-pak ams	1.5 qt/a		7 EPP	B				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				
10	Roundup Power Max	11 oz/a		FALL	A	100	99	47	65
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	Ignite	32 oz/a		7 EPP	B				
	Sencor 75DF	8 oz/a		7 EPP	B				
	N-pak ams	1.5 qt/a		7 EPP	B				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				
11	Canopy	4.5 oz/a		FALL	A	99	99	67	68
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	Coc	0.6 qt/a		FALL	A				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				
12	Canopy	2.25 oz/a		FALL	A	100	99	75	73
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	Coc	0.6 qt/a		FALL	A				
	Roundup Power Max	22 oz/a		7 EPP	B				
	2,4-D Ester	1 pt/a		7 EPP	B				
	N-pak ams	1.5 qt/a		7 EPP	B				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	SETFA	AMBTR
Pest Scientific Name	Conyza canadensis	Setaria faberi	Setaria faberi	Ambrosia trifida
Pest Name	Canada horseweed	Giant foxtail	Giant foxtail	Giant ragweed
Rating Date	May-14-2012	May-14-2012	May-29-2012	May-29-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	179 19	179 19	194 34	194 34
Trt-Eval Interval				
Plant-Eval Interval	14 DP-1	14 DP-1	29 DP-1	29 DP-1
Days After Emergence	5 DE-1	5 DE-1	20 DE-1	20 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	16	17	18	19	
13	Canopy	2.25 oz/a		FALL	A		100	98	62	72
	2,4-D Ester	1 pt/a		FALL	A					
	N-pak ams	1.5 qt/a		FALL	A					
	Coc	0.6 qt/a		FALL	A					
	Roundup Power Max	22 oz/a		7 EPP	B					
	Sharpen	1 oz/a		7 EPP	B					
	N-pak ams	1.5 qt/a		7 EPP	B					
	Ignite	22 oz/a		POST	C					
	N-pak ams	1.5 qt/a		POST	C					
14	Canopy	2.25 oz/a		FALL	A	100	99	70	75	
	2,4-D Ester	1 pt/a		FALL	A					
	N-pak ams	1.5 qt/a		FALL	A					
	Coc	0.6 qt/a		FALL	A					
	Gramoxone Inteon	40 oz/a		7 EPP	B					
	Sencor 75DF	8 oz/a		7 EPP	B					
	N-pak ams	1.5 qt/a		7 EPP	B					
	Ignite	22 oz/a		POST	C					
	N-pak ams	1.5 qt/a		POST	C					
15	Canopy	2.25 oz/a		FALL	A	100	100	88	77	
	2,4-D Ester	1 pt/a		FALL	A					
	N-pak ams	1.5 qt/a		FALL	A					
	Coc	0.6 qt/a		FALL	A					
	Valor XLT @4oz			7 EPP	B					
	Valor SX	2.35 oz/a		7 EPP	B					
	Classic	1.65 oz/a		7 EPP	B					
	Roundup Power Max	22 oz/a		7 EPP	B					
	2,4-D Ester	1 pt/a		7 EPP	B					
	N-pak ams	1.5 qt/a		7 EPP	B					
	Ignite	22 oz/a		POST	C					
	N-pak ams	1.5 qt/a		POST	C					
16	Canopy	2.25 oz/a		FALL	A	100	100	87	90	
	2,4-D Ester	1 pt/a		FALL	A					
	N-pak ams	1.5 qt/a		FALL	A					
	Coc	0.6 qt/a		FALL	A					
	Valor XLT @2oz			7 EPP	B					
	Valor SX	1.17 oz/a		7 EPP	B					
	Classic	0.83 oz/a		7 EPP	B					
	Roundup Power Max	22 oz/a		7 EPP	B					
	2,4-D Ester	1 pt/a		7 EPP	B					
	N-pak ams	1.5 qt/a		7 EPP	B					
	Ignite	22 oz/a		POST	C					
	N-pak ams	1.5 qt/a		POST	C					
17	Canopy	2.25 oz/a		FALL	A	100	99	68	82	
	2,4-D Ester	1 pt/a		FALL	A					
	N-pak ams	1.5 qt/a		FALL	A					
	Coc	0.6 qt/a		FALL	A					
	Ignite	32 oz/a		7 EPP	B					
	N-pak ams	1.5 qt/a		7 EPP	B					
	Ignite	22 oz/a		POST	C					
	N-pak ams	1.5 qt/a		POST	C					

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	SETFA	AMBTR
Pest Scientific Name	Conyza canadensis	Setaria faberi	Setaria faberi	Ambrosia trifida
Pest Name	Canada horseweed	Giant foxtail	Giant foxtail	Giant ragweed
Rating Date	May-14-2012	May-14-2012	May-29-2012	May-29-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	179 19	179 19	194 34	194 34
Trt-Eval Interval				
Plant-Eval Interval	14 DP-1	14 DP-1	29 DP-1	29 DP-1
Days After Emergence	5 DE-1	5 DE-1	20 DE-1	20 DE-1
Number of Decimals	0	0	0	0
Trt Treatment No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code
16				
17				
18				
19				
18 Canopy	2.25 oz/a		FALL	A
18 2,4-D Ester	1 pt/a		FALL	A
18 N-pak ams	1.5 qt/a		FALL	A
18 Coc	0.6 qt/a		FALL	A
18 Ignite	32 oz/a		7 EPP	B
18 Sencor 75DF	8 oz/a		7 EPP	B
18 N-pak ams	1.5 qt/a		7 EPP	B
18 Ignite	22 oz/a		POST	C
18 N-pak ams	1.5 qt/a		POST	C
LSD P=.05	19.2	21.0	28.4	33.1
Standard Deviation	11.5	12.7	17.1	19.9
CV	11.97	13.17	28.1	28.51
Bartlett's X2	23.692	88.161	13.37	21.697
P(Bartlett's X2)	0.001*	0.001*	0.711	0.197
Replicate F	2.278	2.392	17.771	5.785
Replicate Prob(F)	0.1179	0.1066	0.0001	0.0069
Treatment F	2.768	1.477	3.336	1.122
Treatment Prob(F)	0.0056	0.1627	0.0014	0.3747

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	ECHCR	AMBTR
Pest Scientific Name	Conyza canadensis	Setaria faberii	Echinochloa crusgalli	Ambrosia trifida
Pest Name	Canada horseweed	Giant foxtail	Echinochloa crusgalli	Giant ragweed
Rating Date	May-29-2012	Jul-12-2012	Jul-12-2012	Jul-12-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	194 34	238 27	238 27	238 27
Trt-Eval Interval				
Plant-Eval Interval	29 DP-1	73 DP-1	73 DP-1	73 DP-1
Days After Emergence	20 DE-1	64 DE-1	64 DE-1	64 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	20	21	22	23
1	Ignite	32 oz/a		7 EPP	B	0	86	80	80
1	N-pak ams	1.5 qt/a		7 EPP	B				
1	Ignite	22 oz/a		POST	C				
1	N-pak ams	1.5 qt/a		POST	C				
2	Ignite	32 oz/a		7 EPP	B	100	90	89	63
2	Sencor 75DF	8 oz/a		7 EPP	B				
2	N-pak ams	1.5 qt/a		7 EPP	B				
2	Ignite	22 oz/a		POST	C				
2	N-pak ams	1.5 qt/a		POST	C				
3	Roundup Power Max	22 oz/a		7 EPP	B	48	93	92	50
3	2,4-D Ester	1 pt/a		7 EPP	B				
3	N-pak ams	1.5 qt/a		7 EPP	B				
3	Ignite	22 oz/a		POST	C				
3	N-pak ams	1.5 qt/a		POST	C				
4	Roundup Power Max	22 oz/a		7 EPP	B	80	87	83	50
4	Sharpen	1 oz/a		7 EPP	B				
4	N-pak ams	1.5 qt/a		7 EPP	B				
4	Ignite	22 oz/a		POST	C				
4	N-pak ams	1.5 qt/a		POST	C				
5	Valor XLT @4oz			7 EPP	B	100	99	97	77
5	Valor SX	2.35 oz/a		7 EPP	B				
5	Classic	1.65 oz/a		7 EPP	B				
5	Roundup Power Max	22 oz/a		7 EPP	B				
5	2,4-D Ester	1 pt/a		7 EPP	B				
5	N-pak ams	1.5 qt/a		7 EPP	B				
5	Ignite	22 oz/a		POST	C				
5	N-pak ams	1.5 qt/a		POST	C				
6	Roundup Power Max	11 oz/a		FALL	A	77	88	88	58
6	2,4-D Ester	1 pt/a		FALL	A				
6	N-pak ams	1.5 qt/a		FALL	A				
6	Roundup Power Max	22 oz/a		7 EPP	B				
6	2,4-D Ester	1 pt/a		7 EPP	B				
6	N-pak ams	1.5 qt/a		7 EPP	B				
6	Ignite	22 oz/a		POST	C				
6	N-pak ams	1.5 qt/a		POST	C				



# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	ECHCR	AMBTR
Pest Scientific Name	Conyza canadensis	Setaria faberii	Echinochloa crus-galli	Ambrosia trifida
Pest Name	Canada horseweed	Giant foxtail	Echinochloa crus-galli	Giant ragweed
Rating Date	May-29-2012	Jul-12-2012	Jul-12-2012	Jul-12-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	194 34	238 27	238 27	238 27
Trt-Eval Interval				
Plant-Eval Interval	29 DP-1	73 DP-1	73 DP-1	73 DP-1
Days After Emergence	20 DE-1	64 DE-1	64 DE-1	64 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	20	21	22	23
7	Roundup Power Max	11 oz/a		FALL	A	100	93	90	70
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
7	Roundup Power Max	22 oz/a		7 EPP	B				
	Sharpen	1 oz/a		7 EPP	B				
	N-pak ams	1.5 qt/a		7 EPP	B				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				
8	Roundup Power Max	11 oz/a		FALL	A	100	97	97	80
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	VALOR XLT @4oz			7 EPP	B				
	Valor SX	2.35 oz/a		7 EPP	B				
	Classic	1.65 oz/a		7 EPP	B				
	Roundup Power Max	22 oz/a		7 EPP	B				
	2,4-D Ester	1 pt/a		7 EPP	B				
	N-pak ams	1.5 qt/a		7 EPP	B				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				
9	Roundup Power Max	11 oz/a		FALL	A	60	90	90	63
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	Ignite	32 oz/a		7 EPP	B				
	N-pak ams	1.5 qt/a		7 EPP	B				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				
10	Roundup Power Max	11 oz/a		FALL	A	100	95	93	73
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	Ignite	32 oz/a		7 EPP	B				
	Sencor 75DF	8 oz/a		7 EPP	B				
	N-pak ams	1.5 qt/a		7 EPP	B				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				
11	Canopy	4.5 oz/a		FALL	A	100	100	100	73
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	Coc	0.6 qt/a		FALL	A				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				
12	Canopy	2.25 oz/a		FALL	A	100	98	98	60
	2,4-D Ester	1 pt/a		FALL	A				
	N-pak ams	1.5 qt/a		FALL	A				
	Coc	0.6 qt/a		FALL	A				
	Roundup Power Max	22 oz/a		7 EPP	B				
	2,4-D Ester	1 pt/a		7 EPP	B				
	N-pak ams	1.5 qt/a		7 EPP	B				
	Ignite	22 oz/a		POST	C				
	N-pak ams	1.5 qt/a		POST	C				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	ECHCR	AMBTR
Pest Scientific Name	Conyza canadensis	Setaria faberi	Echinochloa crus-galli	Ambrosia trifida
Pest Name	Canada horseweed	Giant foxtail	Echinochloa crus-galli	Giant ragweed
Rating Date	May-29-2012	Jul-12-2012	Jul-12-2012	Jul-12-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	194 34	238 27	238 27	238 27
Trt-Eval Interval				
Plant-Eval Interval	29 DP-1	73 DP-1	73 DP-1	73 DP-1
Days After Emergence	20 DE-1	64 DE-1	64 DE-1	64 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	20	21	22	23
13	Canopy	2.25 oz/a		FALL	A	100	83	83	57
	13 2,4-D Ester	1 pt/a		FALL	A				
	13 N-pak ams	1.5 qt/a		FALL	A				
	13 Coc	0.6 qt/a		FALL	A				
	13 Roundup Power Max	22 oz/a		7 EPP	B				
	13 Sharpen	1 oz/a		7 EPP	B				
	13 N-pak ams	1.5 qt/a		7 EPP	B				
	13 Ignite	22 oz/a		POST	C				
	13 N-pak ams	1.5 qt/a		POST	C				
14	Canopy	2.25 oz/a		FALL	A	100	100	99	75
	14 2,4-D Ester	1 pt/a		FALL	A				
	14 N-pak ams	1.5 qt/a		FALL	A				
	14 Coc	0.6 qt/a		FALL	A				
	14 Gramoxone Inteon	40 oz/a		7 EPP	B				
	14 Sencor 75DF	8 oz/a		7 EPP	B				
	14 N-pak ams	1.5 qt/a		7 EPP	B				
	14 Ignite	22 oz/a		POST	C				
	14 N-pak ams	1.5 qt/a		POST	C				
15	Canopy	2.25 oz/a		FALL	A	100	97	100	57
	15 2,4-D Ester	1 pt/a		FALL	A				
	15 N-pak ams	1.5 qt/a		FALL	A				
	15 Coc	0.6 qt/a		FALL	A				
	15 Valor XLT @4oz			7 EPP	B				
	15 Valor SX	2.35 oz/a		7 EPP	B				
	15 Classic	1.65 oz/a		7 EPP	B				
	15 Roundup Power Max	22 oz/a		7 EPP	B				
	15 2,4-D Ester	1 pt/a		7 EPP	B				
	15 N-pak ams	1.5 qt/a		7 EPP	B				
	15 Ignite	22 oz/a		POST	C				
	15 N-pak ams	1.5 qt/a		POST	C				
16	Canopy	2.25 oz/a		FALL	A	98	97	96	70
	16 2,4-D Ester	1 pt/a		FALL	A				
	16 N-pak ams	1.5 qt/a		FALL	A				
	16 Coc	0.6 qt/a		FALL	A				
	16 Valor XLT @2oz			7 EPP	B				
	16 Valor SX	1.17 oz/a		7 EPP	B				
	16 Classic	0.83 oz/a		7 EPP	B				
	16 Roundup Power Max	22 oz/a		7 EPP	B				
	16 2,4-D Ester	1 pt/a		7 EPP	B				
	16 N-pak ams	1.5 qt/a		7 EPP	B				
	16 Ignite	22 oz/a		POST	C				
	16 N-pak ams	1.5 qt/a		POST	C				
17	Canopy	2.25 oz/a		FALL	A	90	99	99	73
	17 2,4-D Ester	1 pt/a		FALL	A				
	17 N-pak ams	1.5 qt/a		FALL	A				
	17 Coc	0.6 qt/a		FALL	A				
	17 Ignite	32 oz/a		7 EPP	B				
	17 N-pak ams	1.5 qt/a		7 EPP	B				
	17 Ignite	22 oz/a		POST	C				
	17 N-pak ams	1.5 qt/a		POST	C				

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ERICA	SETFA	ECHCR	AMBTR
Pest Scientific Name	Conyza canadensis	Setaria faberii	Echinochloa crus-galli	Ambrosia trifida
Pest Name	Canada horseweed	Giant foxtail	Echinochloa crus-galli	Giant ragweed
Rating Date	May-29-2012	Jul-12-2012	Jul-12-2012	Jul-12-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
Days After First/Last Applic.	194 34	238 27	238 27	238 27
Trt-Eval Interval				
Plant-Eval Interval	29 DP-1	73 DP-1	73 DP-1	73 DP-1
Days After Emergence	20 DE-1	64 DE-1	64 DE-1	64 DE-1
Number of Decimals	0	0	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	20	21	22	23
18	Canopy	2.25	oz/a	FALL	A	100	100	99	73
18	2,4-D Ester	1	pt/a	FALL	A				
18	N-pak ams	1.5	qt/a	FALL	A				
18	Coc	0.6	qt/a	FALL	A				
18	Ignite	32	oz/a	7 EPP	B				
18	Sencor 75DF	8	oz/a	7 EPP	B				
18	N-pak ams	1.5	qt/a	7 EPP	B				
18	Ignite	22	oz/a	POST	C				
18	N-pak ams	1.5	qt/a	POST	C				

LSD P=.05	23.9	12.3	12.1	29.8
Standard Deviation	14.4	7.4	7.3	17.9
CV	16.71	7.88	7.82	26.82
Bartlett's X2	9.519	29.3	23.872	16.244
P(Bartlett's X2)	0.09	0.01*	0.067	0.366
Replicate F	2.601	0.557	1.811	0.520
Replicate Prob(F)	0.0889	0.5783	0.1789	0.5993
Treatment F	10.132	1.609	2.320	0.887
Treatment Prob(F)	0.0001	0.1165	0.0180	0.5924

# The Ohio State University

Pest Type	W Weed	W Weed
Pest Code	ERICA	ERICA
Pest Scientific Name	Conyza canadensis	Conyza canadensis
Pest Name	Canada horseweed	Canada horseweed
Rating Date	Jul-12-2012	Sep-13-2012
Rating Type	CONTRO	COUNT
Rating Unit	%	M2
Number of Subsamples	1	1
Days After First/Last Applic.	238 27	301 90
Trt-Eval Interval		
Plant-Eval Interval	73 DP-1	136 DP-1
Days After Emergence	64 DE-1	127 DE-1
Number of Decimals	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	24	25
1	Ignite	32 oz/a		7 EPP	B	73	0
1	N-pak ams	1.5 qt/a		7 EPP	B		
1	Ignite	22 oz/a		POST	C		
1	N-pak ams	1.5 qt/a		POST	C		
2	Ignite	32 oz/a		7 EPP	B	100	0
2	Sencor 75DF	8 oz/a		7 EPP	B		
2	N-pak ams	1.5 qt/a		7 EPP	B		
2	Ignite	22 oz/a		POST	C		
2	N-pak ams	1.5 qt/a		POST	C		
3	Roundup Power Max	22 oz/a		7 EPP	B	77	0
3	2,4-D Ester	1 pt/a		7 EPP	B		
3	N-pak ams	1.5 qt/a		7 EPP	B		
3	Ignite	22 oz/a		POST	C		
3	N-pak ams	1.5 qt/a		POST	C		
4	Roundup Power Max	22 oz/a		7 EPP	B	90	0
4	Sharpen	1 oz/a		7 EPP	B		
4	N-pak ams	1.5 qt/a		7 EPP	B		
4	Ignite	22 oz/a		POST	C		
4	N-pak ams	1.5 qt/a		POST	C		
5	Valor XLT @4oz			7 EPP	B	100	0
5	Valor SX	2.35 oz/a		7 EPP	B		
5	Classic	1.65 oz/a		7 EPP	B		
5	Roundup Power Max	22 oz/a		7 EPP	B		
5	2,4-D Ester	1 pt/a		7 EPP	B		
5	N-pak ams	1.5 qt/a		7 EPP	B		
5	Ignite	22 oz/a		POST	C		
5	N-pak ams	1.5 qt/a		POST	C		
6	Roundup Power Max	11 oz/a		FALL	A	93	0
6	2,4-D Ester	1 pt/a		FALL	A		
6	N-pak ams	1.5 qt/a		FALL	A		
6	Roundup Power Max	22 oz/a		7 EPP	B		
6	2,4-D Ester	1 pt/a		7 EPP	B		
6	N-pak ams	1.5 qt/a		7 EPP	B		
6	Ignite	22 oz/a		POST	C		
6	N-pak ams	1.5 qt/a		POST	C		

# The Ohio State University

Pest Type	W Weed	W Weed
Pest Code	ERICA	ERICA
Pest Scientific Name	Conyza canadensis	Conyza canadensis
Pest Name	Canada horseweed	Canada horseweed
Rating Date	Jul-12-2012	Sep-13-2012
Rating Type	CONTRO	COUNT
Rating Unit	%	M2
Number of Subsamples	1	1
Days After First/Last Applic.	238 27	301 90
Trt-Eval Interval		
Plant-Eval Interval	73 DP-1	136 DP-1
Days After Emergence	64 DE-1	127 DE-1
Number of Decimals	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	24	25
7	Roundup Power Max	11 oz/a		FALL	A	100	0
7	2,4-D Ester	1 pt/a		FALL	A		
7	N-pak ams	1.5 qt/a		FALL	A		
7	Roundup Power Max	22 oz/a		7 EPP	B		
7	Sharpen	1 oz/a		7 EPP	B		
7	N-pak ams	1.5 qt/a		7 EPP	B		
7	Ignite	22 oz/a		POST	C		
7	N-pak ams	1.5 qt/a		POST	C		
8	Roundup Power Max	11 oz/a		FALL	A	100	0
8	2,4-D Ester	1 pt/a		FALL	A		
8	N-pak ams	1.5 qt/a		FALL	A		
8	VALOR XLT @4oz			7 EPP	B		
8	Valor SX	2.35 oz/a		7 EPP	B		
8	Classic	1.65 oz/a		7 EPP	B		
8	Roundup Power Max	22 oz/a		7 EPP	B		
8	2,4-D Ester	1 pt/a		7 EPP	B		
8	N-pak ams	1.5 qt/a		7 EPP	B		
8	Ignite	22 oz/a		POST	C		
8	N-pak ams	1.5 qt/a		POST	C		
9	Roundup Power Max	11 oz/a		FALL	A	83	0
9	2,4-D Ester	1 pt/a		FALL	A		
9	N-pak ams	1.5 qt/a		FALL	A		
9	Ignite	32 oz/a		7 EPP	B		
9	N-pak ams	1.5 qt/a		7 EPP	B		
9	Ignite	22 oz/a		POST	C		
9	N-pak ams	1.5 qt/a		POST	C		
10	Roundup Power Max	11 oz/a		FALL	A	98	0
10	2,4-D Ester	1 pt/a		FALL	A		
10	N-pak ams	1.5 qt/a		FALL	A		
10	Ignite	32 oz/a		7 EPP	B		
10	Sencor 75DF	8 oz/a		7 EPP	B		
10	N-pak ams	1.5 qt/a		7 EPP	B		
10	Ignite	22 oz/a		POST	C		
10	N-pak ams	1.5 qt/a		POST	C		
11	Canopy	4.5 oz/a		FALL	A	100	0
11	2,4-D Ester	1 pt/a		FALL	A		
11	N-pak ams	1.5 qt/a		FALL	A		
11	Coc	0.6 qt/a		FALL	A		
11	Ignite	22 oz/a		POST	C		
11	N-pak ams	1.5 qt/a		POST	C		
12	Canopy	2.25 oz/a		FALL	A	100	0
12	2,4-D Ester	1 pt/a		FALL	A		
12	N-pak ams	1.5 qt/a		FALL	A		
12	Coc	0.6 qt/a		FALL	A		
12	Roundup Power Max	22 oz/a		7 EPP	B		
12	2,4-D Ester	1 pt/a		7 EPP	B		
12	N-pak ams	1.5 qt/a		7 EPP	B		
12	Ignite	22 oz/a		POST	C		
12	N-pak ams	1.5 qt/a		POST	C		

# The Ohio State University

Pest Type	W Weed	W Weed
Pest Code	ERICA	ERICA
Pest Scientific Name	Conyza canadens	Conyza canadens
Pest Name	Canada horsewee	Canada horsewee
Rating Date	Jul-12-2012	Sep-13-2012
Rating Type	CONTRO	COUNT
Rating Unit	%	M2
Number of Subsamples	1	1
Days After First/Last Applic.	238 27	301 90
Trt-Eval Interval		
Plant-Eval Interval	73 DP-1	136 DP-1
Days After Emergence	64 DE-1	127 DE-1
Number of Decimals	0	0

Trt No.	Treatment Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	24	25
13	Canopy	2.25 oz/a		FALL	A	100	0
13	2,4-D Ester	1 pt/a		FALL	A		
13	N-pak ams	1.5 qt/a		FALL	A		
13	Coc	0.6 qt/a		FALL	A		
13	Roundup Power Max	22 oz/a		7 EPP	B		
13	Sharpen	1 oz/a		7 EPP	B		
13	N-pak ams	1.5 qt/a		7 EPP	B		
13	Ignite	22 oz/a		POST	C		
13	N-pak ams	1.5 qt/a		POST	C		
14	Canopy	2.25 oz/a		FALL	A	100	0
14	2,4-D Ester	1 pt/a		FALL	A		
14	N-pak ams	1.5 qt/a		FALL	A		
14	Coc	0.6 qt/a		FALL	A		
14	Gramoxone Inteon	40 oz/a		7 EPP	B		
14	Sencor 75DF	8 oz/a		7 EPP	B		
14	N-pak ams	1.5 qt/a		7 EPP	B		
14	Ignite	22 oz/a		POST	C		
14	N-pak ams	1.5 qt/a		POST	C		
15	Canopy	2.25 oz/a		FALL	A	100	0
15	2,4-D Ester	1 pt/a		FALL	A		
15	N-pak ams	1.5 qt/a		FALL	A		
15	Coc	0.6 qt/a		FALL	A		
15	Valor XLT @4oz			7 EPP	B		
15	Valor SX	2.35 oz/a		7 EPP	B		
15	Classic	1.65 oz/a		7 EPP	B		
15	Roundup Power Max	22 oz/a		7 EPP	B		
15	2,4-D Ester	1 pt/a		7 EPP	B		
15	N-pak ams	1.5 qt/a		7 EPP	B		
15	Ignite	22 oz/a		POST	C		
15	N-pak ams	1.5 qt/a		POST	C		
16	Canopy	2.25 oz/a		FALL	A	100	0
16	2,4-D Ester	1 pt/a		FALL	A		
16	N-pak ams	1.5 qt/a		FALL	A		
16	Coc	0.6 qt/a		FALL	A		
16	Valor XLT @2oz			7 EPP	B		
16	Valor SX	1.17 oz/a		7 EPP	B		
16	Classic	0.83 oz/a		7 EPP	B		
16	Roundup Power Max	22 oz/a		7 EPP	B		
16	2,4-D Ester	1 pt/a		7 EPP	B		
16	N-pak ams	1.5 qt/a		7 EPP	B		
16	Ignite	22 oz/a		POST	C		
16	N-pak ams	1.5 qt/a		POST	C		
17	Canopy	2.25 oz/a		FALL	A	100	0
17	2,4-D Ester	1 pt/a		FALL	A		
17	N-pak ams	1.5 qt/a		FALL	A		
17	Coc	0.6 qt/a		FALL	A		
17	Ignite	32 oz/a		7 EPP	B		
17	N-pak ams	1.5 qt/a		7 EPP	B		
17	Ignite	22 oz/a		POST	C		
17	N-pak ams	1.5 qt/a		POST	C		

# The Ohio State University

Pest Type	W Weed	W Weed
Pest Code	ERICA	ERICA
Pest Scientific Name	Conyza canadens	Conyza canadens
Pest Name	Canada horsewee	Canada horsewee
Rating Date	Jul-12-2012	Sep-13-2012
Rating Type	CONTRO	COUNT
Rating Unit	%	M2
Number of Subsamples	1	1
Days After First/Last Applic.	238 27	301 90
Trt-Eval Interval		
Plant-Eval Interval	73 DP-1	136 DP-1
Days After Emergence	64 DE-1	127 DE-1
Number of Decimals	0	0

Trt Treatment No. Name	Other Rate	Other Rate Unit	Growth Stage	Appl Code	24	25
18 Canopy	2.25 oz/a		FALL	A	100	0
18 2,4-D Ester	1 pt/a		FALL	A		
18 N-pak ams	1.5 qt/a		FALL	A		
18 Coc	0.6 qt/a		FALL	A		
18 Ignite	32 oz/a		7 EPP	B		
18 Sencor 75DF	8 oz/a		7 EPP	B		
18 N-pak ams	1.5 qt/a		7 EPP	B		
18 Ignite	22 oz/a		POST	C		
18 N-pak ams	1.5 qt/a		POST	C		

LSD P=.05	11.6	.
Standard Deviation	7.0	0.0
CV	7.33	0.0
Bartlett's X2	7.735	0.0
P(Bartlett's X2)	0.171	.
Replicate F	0.132	0.000
Replicate Prob(F)	0.8764	1.0000
Treatment F	4.617	0.000
Treatment Prob(F)	0.0001	1.0000

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## HORSEWEED BURN DOWN AND RESIDUAL CONTROL IN LL SOYBEANS, FALL AND SPRING

Trial ID: 12 LLHOWE      Location: Western Branch F-10      Trial Year:  
Protocol ID: 12 LLHOWE      Investigator: Dr. Mark M. Loux  
Project ID: 12 LLHOWE      Study Director: Bryan Reeb  
Sponsor Contact:

Pest Type

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

Pest Code

LAMPU, Lamium purpureum, = US  
STEME, Stellaria media, = US  
VERAG, Veronica agrestis, = US  
AMBTR, Ambrosia trifida, = US  
ERICA, Conyza canadensis, = US  
ERYRE, Erysimum repandum, = US  
SETFA, Setaria faberi, = US  
ECHCR, Echinochloa crus-ga. oryzicola, = US

Rating Type

CONTRO = control / burndown or knockdown  
COUNT = count

Rating Unit

% = percent  
M2 = square meter

Plant-Eval Interval

-13 DP-1 = 1 GLXMA Apr-30-2012  
0 DP-1 = 1 GLXMA Apr-30-2012  
14 DP-1 = 1 GLXMA Apr-30-2012  
29 DP-1 = 1 GLXMA Apr-30-2012  
73 DP-1 = 1 GLXMA Apr-30-2012  
136 DP-1 = 1 GLXMA Apr-30-2012