

Ohio State University
Horticulture and Crop Science

FALL VS SPRING TREATMENTS OF RESIDUAL HERBICIDES FOR MARESTAIL CONTROL

Title No. 2:

Trial ID: 12 FALLBURN2 Protocol ID: 12 FALLBURN2
 Location: Western Branch F-9 W Study Director: Bryan Reeb
 Project ID: 12 FALLBURN2 Investigator: Dr. Mark M. Loux
 Sponsor Contact: John Willis, Monsanto

General Trial Information

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

Trial Location

City: South Charleston Latitude of LL Corner °: 39.85884 N
 State/Prov.: Ohio Longitude of LL Corner °: 83.67336 W
 Postal Code: 45368
 Country: USA

Crop Description

Crop 1: GLXMA Glycine max Soybean
 Variety: pioneer 93y51 Description: Round Up Ready
 BBCH Scale: BSOY Planting Date: Apr-30-2012
 Planting Method: PLANTD planted Rate, Unit: 168000 P/A
 Depth, Unit: 0.5 in
 Row Spacing, Unit: 15 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: 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: RANAB *Ranunculus abortivus*
 Common Name: Smallflower buttercup
- Pest 6 Type: W Code: CAPBP *Capsella bursa-pastoris*
 Common Name: Shepherd's purse
- Pest 7 Type: W Code: VERAG *Veronica agrestis*
 Common Name: Field speedwell
- Pest 8 Type: W Code: VERPG *Veronica peregrina*
 Common Name: Purslane speedwell
- Pest 9 Type: W Code: ERICA *Conyza canadensis*
 Common Name: Canada horseweed
- Pest10 Type: W Code: AMBTR *Ambrosia trifida*
 Common Name: Giant ragweed
- Pest11 Type: W Code: SETFA *Setaria faberi*
 Common Name: Giant foxtail
- Pest12 Type: W Code: ERICA *Conyza canadensis*
 Common Name: Canada horseweed

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

Soil Description

Description Name: F-9 West
 % OM: 2 Texture: SICL silty clay loam
 pH: 6.1 Soil Name: Kokomo
 CEC: 11.5 Fert. Level: G good
 Soil Drainage: G good

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Application Description

	A	B	C	D
Application Date:	Nov-17-2011	Apr-2-2012	Apr-25-2012	May-30-2012
Time of Day:	10:00 AM	9:00 AM	9:30 AM	8:20AM
Application Method:	SPRAY	SPRAY	SPRAY	SPRAY
Application Timing:	FALL	30 EPP	7 EPP	POST
Application Placement:	BROFOL	BROFOL	BROFOL	BROFOL
Applied By:			REEB	
Air Temperature, Unit:	38 F	42.5 F	55 F	70 F
% Relative Humidity:	49	78.5	62	74
Wind Velocity, Unit:	8 MPH	7.2 MPH	5 MPH	0 MPH
Wind Direction:	WSW	NE	S	
Dew Presence (Y/N):	N no	N no	N no	N no
Soil Temperature, Unit:	41 F	47 F	45 F	65 F
Soil Moisture:	MOIST	NORMAL	GOOD	DRY
% Cloud Cover:	7	1	3	0
Next Rain Occurred On:	Nov-20-2011	Apr-14-2012	Apr-26-2012	May-31-2012

Crop Stage At Each Application

	A	B	C	D
Crop 1 Code, BBCH Scale:	GLXMA	BSOY	GLXMA	BSOY
Stage Scale Used:			GLXMA	BSOY
Stage Majority, Percent:			12	100
Height, Unit:			3	IN
Height Minimum, Maximum:			2	4

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Application Equipment

	A		B		C		D	
Appl. Equipment:	Backpack		Backpack		Backpack		Backpack	
Equipment Type:	SPRBAC		SPRBAC		SPRBAC		SPRBAC	
Operation Pressure, Unit:	46	PSI	44	PSI	44	PSI	44	PSI
Nozzle Type:	DG		AIXR		AIXR		AIXR	
Nozzle Size:	110015		110015		110015		110015	
Nozzle Spacing, Unit:	18	IN	18	IN	18	IN	18	IN
Boom Length, Unit:	10	FT	10	FT	10	FT	10	FT
Boom Height, Unit:	18	IN	18	IN	18	IN	18	IN
Ground Speed, Unit:	3	MPH	3	MPH	3	MPH	3	MPH
Carrier:	WATER		WATER		WATER		WATER	
Spray Volume, Unit:	15	gal/ac	15	gal/ac	15	gal/ac	15	gal/ac
Mix Size, Unit:	2	Liters	2	Liters	2	Liters	2	Liters
Propellant:	COMCO2		COMCO2		COMCO2		COMCO2	

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Study Director: Bryan Reeb
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Pest Type	W Weed AMBTR	W Weed STEME	W Weed LAMPU	W Weed TAROF
Pest Code	Ambrosia trifi>	Stellaria media	Lamium purpure>	Taraxacum offi>
Pest Scientific Name				
Pest Name	Giant ragweed	Common chickwe>	Purple deadnet>	Common dandeli>
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 15	152 15	152 15	152 15
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

Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	1	2	3	4
1	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP B		100.0 a	83.3 bc	71.7 ab	93.3 a
1	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP B					
1	N-pak ams	5 % v/v		3 qt/a		30 EPP B					
1	Firstrate	0.0158 lb ai/a		0.3 oz/a		POST D					
1	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D					
1	N-pak ams	5 % v/v		3 qt/a		POST D					
2	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP C		0.0 c	0.0 d	0.0 c	0.0 b
2	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP C					
2	N-pak ams	5 % v/v		3 qt/a		7 EPP C					
2	MSO	1 % v/v		0.6 qt/a		7 EPP C					
2	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D					
2	N-pak ams	5 % v/v		3 qt/a		POST D					
3	Valor XLT @ 3oz							96.7 a	100.0 a	100.0 a	93.3 a
3	Valor SX	0.056 lb ai/a		1.76 oz/a		FALL A					
3	Classic	0.0194 lb ai/a		1.24 oz/a		FALL A					
3	Express	0.00313 lb ai/a		0.1 oz/a		FALL A					
3	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL A					
3	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL A					
3	N-pak ams	5 % v/v		3 qt/a		FALL A					
3	Coc	1 % v/v		0.6 qt/a		FALL A					
3	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP C					
3	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP C					
3	N-pak ams	5 % v/v		3 qt/a		7 EPP C					
3	MSO	1 % v/v		0.6 qt/a		7 EPP C					
3	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D					
3	N-pak ams	5 % v/v		3 qt/a		POST D					
4	Valor XLT @ 3oz							100.0 a	94.0 ab	100.0 a	88.3 a
4	Valor SX	0.056 lb ai/a		1.76 oz/a		30 EPP B					
4	Classic	0.0194 lb ai/a		1.24 oz/a		30 EPP B					
4	Express	0.00313 lb ai/a		0.1 oz/a		30 EPP B					
4	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP B					
4	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP B					
4	N-pak ams	5 % v/v		3 qt/a		30 EPP B					
4	Coc	1 % v/v		0.6 qt/a		30 EPP B					
4	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D					
4	N-pak ams	5 % v/v		3 qt/a		POST D					
5	Authority MTZ	0.31 lb ai/a		11 oz/a		FALL A		93.3 ab	76.7 c	50.0 b	90.0 a
5	Express	0.00313 lb ai/a		0.1 oz/a		FALL A					
5	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL A					
5	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL A					
5	N-pak ams	5 % v/v		3 qt/a		FALL A					
5	Coc	1 % v/v		0.6 qt/a		FALL A					
5	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP C					
5	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP C					
5	N-pak ams	5 % v/v		3 qt/a		7 EPP C					
5	MSO	1 % v/v		0.6 qt/a		7 EPP C					

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

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

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	AMBTR	STEME	LAMPU	TAROF							
Pest Scientific Name	Ambrosia trifi>	Stellaria media	Lamium purpure>	Taraxacum offi>							
Pest Name	Giant ragweed	Common chickwe>	Purple deadnet>	Common dandeli>							
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 15	152 15	152 15	152 15							
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							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Unit	Growth Stage	Appl Code	1	2	3	4
5	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
5	N-pak ams	5 % v/v	3 qt/a			POST	D				
6	Authority MTZ	0.31 lb ai/a	11 oz/a			30 EPP	B	100.0 a	99.3 a	93.3 a	100.0 a
6	Express	0.00313 lb ai/a	0.1 oz/a			30 EPP	B				
6	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP	B				
6	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP	B				
6	N-pak ams	5 % v/v	3 qt/a			30 EPP	B				
6	Coc	1 % v/v	0.6 qt/a			30 EPP	B				
6	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
6	N-pak ams	5 % v/v	3 qt/a			POST	D				
7	Authority	0.156 lb ai/a	5 oz/a			FALL	A	99.0 a	100.0 a	100.0 a	100.0 a
7	Classic	0.0195 lb ai/a	1.25 oz/a			FALL	A				
7	Express	0.00313 lb ai/a	0.1 oz/a			FALL	A				
7	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL	A				
7	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL	A				
7	N-pak ams	5 % v/v	3 qt/a			FALL	A				
7	Coc	1 % v/v	0.6 qt/a			FALL	A				
7	Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP	C				
7	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP	C				
7	N-pak ams	5 % v/v	3 qt/a			7 EPP	C				
7	M50	1 % v/v	0.6 qt/a			7 EPP	C				
7	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
7	N-pak ams	5 % v/v	3 qt/a			POST	D				
8	Authority	0.156 lb ai/a	5 oz/a			30 EPP	B	100.0 a	93.3 ab	88.3 a	100.0 a
8	Classic	0.0195 lb ai/a	1.25 oz/a			30 EPP	B				
8	Express	0.00313 lb ai/a	0.1 oz/a			30 EPP	B				
8	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP	B				
8	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP	B				
8	N-pak ams	5 % v/v	3 qt/a			30 EPP	B				
8	Coc	1 % v/v	0.6 qt/a			30 EPP	B				
8	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
8	N-pak ams	5 % v/v	3 qt/a			POST	D				
9	Express	0.00313 lb ai/a	0.1 oz/a			FALL	A	96.7 a	96.7 ab	80.0 ab	100.0 a
9	Mon 63410	1.125 lb ai/a	48 oz/a			FALL	A				
9	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL	A				
9	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL	A				
9	N-pak ams	5 % v/v	3 qt/a			FALL	A				
9	Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP	C				
9	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP	C				
9	N-pak ams	5 % v/v	3 qt/a			7 EPP	C				
9	M50	1 % v/v	0.6 qt/a			7 EPP	C				
9	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
9	N-pak ams	5 % v/v	3 qt/a			POST	D				
10	Express	0.00313 lb ai/a	0.1 oz/a			30 EPP	B	100.0 a	99.3 a	85.0 a	100.0 a
10	Mon 63410	1.125 lb ai/a	48 oz/a			30 EPP	B				
10	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP	B				
10	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP	B				
10	N-pak ams	5 % v/v	3 qt/a			30 EPP	B				
10	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
10	N-pak ams	5 % v/v	3 qt/a			POST	D				
11	Authority First	0.282 lb ai/a	6.45 oz/a			FALL	A	73.3 b	100.0 a	90.0 a	100.0 a
11	Express	0.00313 lb ai/a	0.1 oz/a			FALL	A				
11	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL	A				
11	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL	A				
11	N-pak ams	5 % v/v	3 qt/a			FALL	A				

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Pest Scientific Name	Ambrosia trifi>	Stellaria media	Lamium purpure>	Taraxacum offi>							
Pest Name	Giant ragweed	Common chickwe>	Purple deadnet>	Common dandeli>							
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 15	152 15	152 15	152 15							
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							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	1	2	3	4
11	Coc	1 % v/v		0.6 qt/a		FALL	A				
11	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP	C				
11	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP	C				
11	N-pak ams	5 % v/v		3 qt/a		7 EPP	C				
11	MSO	1 % v/v		0.6 qt/a		7 EPP	C				
11	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
11	N-pak ams	5 % v/v		3 qt/a		POST	D				
12	Authority First	0.282 lb ai/a		6.45 oz/a		30 EPP	B	100.0 a	91.7 ab	92.7 a	93.3 a
12	Express	0.00313 lb ai/a		0.1 oz/a		30 EPP	B				
12	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP	B				
12	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP	B				
12	N-pak ams	5 % v/v		3 qt/a		30 EPP	B				
12	Coc	1 % v/v		0.6 qt/a		30 EPP	B				
12	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
12	N-pak ams	5 % v/v		3 qt/a		POST	D				
13	Express	0.00313 lb ai/a		0.1 oz/a		FALL	A	100.0 a	100.0 a	93.3 a	100.0 a
13	Gangster @ 2.4oz										
13	Firstrate	0.021 lb ai/a		0.4 oz/a		FALL	A				
13	Valor SX	0.064 lb ai/a		2 oz/a		FALL	A				
13	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL	A				
13	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL	A				
13	N-pak ams	5 % v/v		3 qt/a		FALL	A				
13	Coc	1 % v/v		0.6 qt/a		FALL	A				
13	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP	C				
13	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP	C				
13	N-pak ams	5 % v/v		3 qt/a		7 EPP	C				
13	MSO	1 % v/v		0.6 qt/a		7 EPP	C				
13	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
13	N-pak ams	5 % v/v		3 qt/a		POST	D				
14	Gangster @ 2.4oz							98.3 a	93.3 ab	91.7 a	100.0 a
14	Firstrate	0.021 lb ai/a		0.4 oz/a		30 EPP	B				
14	Valor SX	0.064 lb ai/a		2 oz/a		30 EPP	B				
14	Express	0.00313 lb ai/a		0.1 oz/a		30 EPP	B				
14	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP	B				
14	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP	B				
14	N-pak ams	5 % v/v		3 qt/a		30 EPP	B				
14	Coc	1 % v/v		0.6 qt/a		30 EPP	B				
14	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
14	N-pak ams	5 % v/v		3 qt/a		POST	D				
	LSD (P=.05)							20.81	14.65	31.99	12.17
	Standard Deviation							12.40	8.73	19.06	7.25
	CV							13.81	9.95	23.48	8.06

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	CAPBP	SENGL	RANAB	VERPG
Pest Scientific Name	Capsella bursa>	Senecio glabel>	Ranunculus abo>	Veronica peregr>
Pest Name	Shepherd's Cressleaf grou>	Smallflower bu>	Purslane speed>	
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 15	152 15	152 15	152 15
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

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	5	6	7	8
1	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	30 EPP B		90.0 ab	90.0 ab	93.3 abc	100.0 a
1	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	30 EPP B					
1	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	30 EPP B					
1	Firstrate	0.0158 lb ai/a	ai/a	0.3 oz/a	oz/a	POST D					
1	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST D					
1	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST D					
2	Sharpen	0.0223 lb ai/a	ai/a	1 oz/a	oz/a	7 EPP C		0.0 c	0.0 c	0.0 f	0.0 c
2	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	7 EPP C					
2	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	7 EPP C					
2	MSO	1 % v/v	v/v	0.6 qt/a	qt/a	7 EPP C					
2	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST D					
2	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST D					
3	Valor XLT @ 3oz							86.7 ab	100.0 a	79.0 cd	100.0 a
3	Valor SX	0.056 lb ai/a	ai/a	1.76 oz/a	oz/a	FALL A					
3	Classic	0.0194 lb ai/a	ai/a	1.24 oz/a	oz/a	FALL A					
3	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	FALL A					
3	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	FALL A					
3	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	FALL A					
3	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	FALL A					
3	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	FALL A					
3	Sharpen	0.0223 lb ai/a	ai/a	1 oz/a	oz/a	7 EPP C					
3	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	7 EPP C					
3	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	7 EPP C					
3	MSO	1 % v/v	v/v	0.6 qt/a	qt/a	7 EPP C					
3	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST D					
3	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST D					
4	Valor XLT @ 3oz							93.3 ab	98.3 a	100.0 a	100.0 a
4	Valor SX	0.056 lb ai/a	ai/a	1.76 oz/a	oz/a	30 EPP B					
4	Classic	0.0194 lb ai/a	ai/a	1.24 oz/a	oz/a	30 EPP B					
4	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	30 EPP B					
4	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	30 EPP B					
4	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	30 EPP B					
4	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	30 EPP B					
4	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	30 EPP B					
4	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST D					
4	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST D					
5	Authority MTZ	0.31 lb ai/a	ai/a	11 oz/a	oz/a	FALL A		80.0 b	83.3 ab	43.3 e	90.0 b
5	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	FALL A					
5	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	FALL A					
5	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	FALL A					
5	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	FALL A					
5	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	FALL A					
5	Sharpen	0.0223 lb ai/a	ai/a	1 oz/a	oz/a	7 EPP C					
5	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	7 EPP C					
5	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	7 EPP C					
5	MSO	1 % v/v	v/v	0.6 qt/a	qt/a	7 EPP C					

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	CAPBP	SENGL	RANAB	VERPG							
Pest Scientific Name	Capsella bursa>	Senecio glabel>	Ranunculus abo>	Veronica peregr>							
Pest Name	Shepherd's pur>	Cressleaf grou>	Smallflower bu>	Purslane speed>							
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 15	152 15	152 15	152 15							
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							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	5	6	7	8
5	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
5	N-pak ams	5	% v/v	3	qt/a	POST	D				
6	Authority MTZ	0.31	lb ai/a	11	oz/a	30	EPP B	83.3 b	95.7 a	95.7 abc	100.0 a
6	Express	0.00313	lb ai/a	0.1	oz/a	30	EPP B				
6	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	30	EPP B				
6	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	30	EPP B				
6	N-pak ams	5	% v/v	3	qt/a	30	EPP B				
6	Coc	1	% v/v	0.6	qt/a	30	EPP B				
6	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
6	N-pak ams	5	% v/v	3	qt/a	POST	D				
7	Authority	0.156	lb ai/a	5	oz/a	FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
7	Classic	0.0195	lb ai/a	1.25	oz/a	FALL	A				
7	Express	0.00313	lb ai/a	0.1	oz/a	FALL	A				
7	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	FALL	A				
7	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	FALL	A				
7	N-pak ams	5	% v/v	3	qt/a	FALL	A				
7	Coc	1	% v/v	0.6	qt/a	FALL	A				
7	Sharpen	0.0223	lb ai/a	1	oz/a	7	EPP C				
7	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	7	EPP C				
7	N-pak ams	5	% v/v	3	qt/a	7	EPP C				
7	M50	1	% v/v	0.6	qt/a	7	EPP C				
7	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
7	N-pak ams	5	% v/v	3	qt/a	POST	D				
8	Authority	0.156	lb ai/a	5	oz/a	30	EPP B	93.3 ab	96.7 a	90.0 a-d	100.0 a
8	Classic	0.0195	lb ai/a	1.25	oz/a	30	EPP B				
8	Express	0.00313	lb ai/a	0.1	oz/a	30	EPP B				
8	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	30	EPP B				
8	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	30	EPP B				
8	N-pak ams	5	% v/v	3	qt/a	30	EPP B				
8	Coc	1	% v/v	0.6	qt/a	30	EPP B				
8	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
8	N-pak ams	5	% v/v	3	qt/a	POST	D				
9	Express	0.00313	lb ai/a	0.1	oz/a	FALL	A	100.0 a	73.3 b	73.3 d	96.7 ab
9	Mon 63410	1.125	lb ai/a	48	oz/a	FALL	A				
9	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	FALL	A				
9	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	FALL	A				
9	N-pak ams	5	% v/v	3	qt/a	FALL	A				
9	Sharpen	0.0223	lb ai/a	1	oz/a	7	EPP C				
9	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	7	EPP C				
9	N-pak ams	5	% v/v	3	qt/a	7	EPP C				
9	M50	1	% v/v	0.6	qt/a	7	EPP C				
9	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
9	N-pak ams	5	% v/v	3	qt/a	POST	D				
10	Express	0.00313	lb ai/a	0.1	oz/a	30	EPP B	93.3 ab	96.7 a	80.0 bcd	100.0 a
10	Mon 63410	1.125	lb ai/a	48	oz/a	30	EPP B				
10	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	30	EPP B				
10	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	30	EPP B				
10	N-pak ams	5	% v/v	3	qt/a	30	EPP B				
10	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
10	N-pak ams	5	% v/v	3	qt/a	POST	D				
11	Authority First	0.282	lb ai/a	6.45	oz/a	FALL	A	100.0 a	100.0 a	96.7 abc	100.0 a
11	Express	0.00313	lb ai/a	0.1	oz/a	FALL	A				
11	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	FALL	A				
11	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	FALL	A				
11	N-pak ams	5	% v/v	3	qt/a	FALL	A				

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	CAPBP	SENGL	RANAB	VERPG							
Pest Scientific Name	Capsella bursa> Senecio glabell> Ranunculus abo> Veronica peregr>										
Pest Name	Shepherd's Cressleaf grou>		Smallflower bu> Purslane speed>								
Rating Date	Apr-17-2012		Apr-17-2012								
Rating Type	CONTRO		CONTRO								
Rating Unit	%		%								
Number of Subsamples	1		1								
Days After First/Last Applic.	152 15		152 15								
Plant-Eval Interval	-13 DP-1		-13 DP-1								
Days After Emergence	-22 DE-1		-22 DE-1								
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	5	6	7	8
11	Coc	1 % v/v		0.6 qt/a		FALL	A				
11	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP	C				
11	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP	C				
11	N-pak ams	5 % v/v		3 qt/a		7 EPP	C				
11	MSO	1 % v/v		0.6 qt/a		7 EPP	C				
11	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
11	N-pak ams	5 % v/v		3 qt/a		POST	D				
12	Authority First	0.282 lb ai/a		6.45 oz/a		30 EPP	B	100.0 a	100.0 a	100.0 a	100.0 a
12	Express	0.00313 lb ai/a		0.1 oz/a		30 EPP	B				
12	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP	B				
12	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP	B				
12	N-pak ams	5 % v/v		3 qt/a		30 EPP	B				
12	Coc	1 % v/v		0.6 qt/a		30 EPP	B				
12	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
12	N-pak ams	5 % v/v		3 qt/a		POST	D				
13	Express	0.00313 lb ai/a		0.1 oz/a		FALL	A	100.0 a	98.3 a	98.3 ab	100.0 a
13	Gangster @ 2.4oz										
13	Firstrate	0.021 lb ai/a		0.4 oz/a		FALL	A				
13	Valor SX	0.064 lb ai/a		2 oz/a		FALL	A				
13	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL	A				
13	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL	A				
13	N-pak ams	5 % v/v		3 qt/a		FALL	A				
13	Coc	1 % v/v		0.6 qt/a		FALL	A				
13	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP	C				
13	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP	C				
13	N-pak ams	5 % v/v		3 qt/a		7 EPP	C				
13	MSO	1 % v/v		0.6 qt/a		7 EPP	C				
13	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
13	N-pak ams	5 % v/v		3 qt/a		POST	D				
14	Gangster @ 2.4oz							95.0 ab	93.3 a	98.3 ab	100.0 a
14	Firstrate	0.021 lb ai/a		0.4 oz/a		30 EPP	B				
14	Valor SX	0.064 lb ai/a		2 oz/a		30 EPP	B				
14	Express	0.00313 lb ai/a		0.1 oz/a		30 EPP	B				
14	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP	B				
14	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP	B				
14	N-pak ams	5 % v/v		3 qt/a		30 EPP	B				
14	Coc	1 % v/v		0.6 qt/a		30 EPP	B				
14	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
14	N-pak ams	5 % v/v		3 qt/a		POST	D				
LSD (P=.05)								16.65	17.71	19.18	8.29
Standard Deviation								9.92	10.55	11.43	4.94
CV								11.43	12.05	13.94	5.37

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Pest Type	W Weed	W Weed	W Weed	W Weed					
Pest Code	VERAG	LAMPU	STEME	TAROF					
Pest Scientific Name	Veronica agres>	Lamium purpure>	Stellaria media	Taraxacum offi>					
Pest Name	Field speedwell	Purple deadnet>	Common chickwe>	Common dandel>					
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					
Days After First/Last Applic.	152 15	165 5	165 5	165 5					
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					
Trt Treatment	Rate	Rate	Other Other	Growth Appl	9	10	11	12	
No. Name	Unit	Unit	Rate Rate	Unit Stage	Code				
1 2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP B	90.0 ab	100.0 a	100.0 a	100.0 a
1 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP B				
1 N-pak ams	5 % v/v	3 qt/a			30 EPP B				
1 Firstrate	0.0158 lb ai/a	0.3 oz/a			POST D				
1 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST D				
1 N-pak ams	5 % v/v	3 qt/a			POST D				
2 Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP C	0.0 d	43.3 c	68.3 a	100.0 a
2 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP C				
2 N-pak ams	5 % v/v	3 qt/a			7 EPP C				
2 MSO	1 % v/v	0.6 qt/a			7 EPP C				
2 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST D				
2 N-pak ams	5 % v/v	3 qt/a			POST D				
3 Valor XLT @ 3oz						93.3 ab	100.0 a	100.0 a	100.0 a
3 Valor SX	0.056 lb ai/a	1.76 oz/a			FALL A				
3 Classic	0.0194 lb ai/a	1.24 oz/a			FALL A				
3 Express	0.00313 lb ai/a	0.1 oz/a			FALL A				
3 2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL A				
3 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL A				
3 N-pak ams	5 % v/v	3 qt/a			FALL A				
3 Coc	1 % v/v	0.6 qt/a			FALL A				
3 Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP C				
3 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP C				
3 N-pak ams	5 % v/v	3 qt/a			7 EPP C				
3 MSO	1 % v/v	0.6 qt/a			7 EPP C				
3 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST D				
3 N-pak ams	5 % v/v	3 qt/a			POST D				
4 Valor XLT @ 3oz						100.0 a	100.0 a	100.0 a	100.0 a
4 Valor SX	0.056 lb ai/a	1.76 oz/a			30 EPP B				
4 Classic	0.0194 lb ai/a	1.24 oz/a			30 EPP B				
4 Express	0.00313 lb ai/a	0.1 oz/a			30 EPP B				
4 2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP B				
4 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP B				
4 N-pak ams	5 % v/v	3 qt/a			30 EPP B				
4 Coc	1 % v/v	0.6 qt/a			30 EPP B				
4 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST D				
4 N-pak ams	5 % v/v	3 qt/a			POST D				
5 Authority MTZ	0.31 lb ai/a	11 oz/a			FALL A	73.3 c	40.1 c	63.3 a	100.0 a
5 Express	0.00313 lb ai/a	0.1 oz/a			FALL A				
5 2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL A				
5 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL A				
5 N-pak ams	5 % v/v	3 qt/a			FALL A				
5 Coc	1 % v/v	0.6 qt/a			FALL A				
5 Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP C				
5 Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP C				
5 N-pak ams	5 % v/v	3 qt/a			7 EPP C				
5 MSO	1 % v/v	0.6 qt/a			7 EPP C				

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	VERAG	LAMPU	STEME	TAROF							
Pest Scientific Name	Veronica agres>	Lamium purpure>	Stellaria media	Taraxacum offi>							
Pest Name	Field speedwell	Purple deadnet>	Common chickwe>	Common dandel>							
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							
Days After First/Last Applic.	152 15	165 5	165 5	165 5							
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							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	9	10	11	12
5	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
5	N-pak ams	5 % v/v	3 qt/a			POST	D				
6	Authority MTZ	0.31 lb ai/a	11 oz/a			30	EPP B	100.0 a	98.3 ab	100.0 a	100.0 a
6	Express	0.00313 lb ai/a	0.1 oz/a			30	EPP B				
6	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30	EPP B				
6	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30	EPP B				
6	N-pak ams	5 % v/v	3 qt/a			30	EPP B				
6	Coc	1 % v/v	0.6 qt/a			30	EPP B				
6	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
6	N-pak ams	5 % v/v	3 qt/a			POST	D				
7	Authority	0.156 lb ai/a	5 oz/a			FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
7	Classic	0.0195 lb ai/a	1.25 oz/a			FALL	A				
7	Express	0.00313 lb ai/a	0.1 oz/a			FALL	A				
7	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL	A				
7	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL	A				
7	N-pak ams	5 % v/v	3 qt/a			FALL	A				
7	Coc	1 % v/v	0.6 qt/a			FALL	A				
7	Sharpen	0.0223 lb ai/a	1 oz/a			7	EPP C				
7	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7	EPP C				
7	N-pak ams	5 % v/v	3 qt/a			7	EPP C				
7	M50	1 % v/v	0.6 qt/a			7	EPP C				
7	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
7	N-pak ams	5 % v/v	3 qt/a			POST	D				
8	Authority	0.156 lb ai/a	5 oz/a			30	EPP B	93.3 ab	100.0 a	100.0 a	100.0 a
8	Classic	0.0195 lb ai/a	1.25 oz/a			30	EPP B				
8	Express	0.00313 lb ai/a	0.1 oz/a			30	EPP B				
8	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30	EPP B				
8	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30	EPP B				
8	N-pak ams	5 % v/v	3 qt/a			30	EPP B				
8	Coc	1 % v/v	0.6 qt/a			30	EPP B				
8	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
8	N-pak ams	5 % v/v	3 qt/a			POST	D				
9	Express	0.00313 lb ai/a	0.1 oz/a			FALL	A	96.7 ab	86.7 b	100.0 a	100.0 a
9	Mon 63410	1.125 lb ai/a	48 oz/a			FALL	A				
9	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL	A				
9	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL	A				
9	N-pak ams	5 % v/v	3 qt/a			FALL	A				
9	Sharpen	0.0223 lb ai/a	1 oz/a			7	EPP C				
9	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7	EPP C				
9	N-pak ams	5 % v/v	3 qt/a			7	EPP C				
9	M50	1 % v/v	0.6 qt/a			7	EPP C				
9	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
9	N-pak ams	5 % v/v	3 qt/a			POST	D				
10	Express	0.00313 lb ai/a	0.1 oz/a			30	EPP B	100.0 a	100.0 a	100.0 a	100.0 a
10	Mon 63410	1.125 lb ai/a	48 oz/a			30	EPP B				
10	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30	EPP B				
10	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30	EPP B				
10	N-pak ams	5 % v/v	3 qt/a			30	EPP B				
10	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
10	N-pak ams	5 % v/v	3 qt/a			POST	D				
11	Authority First	0.282 lb ai/a	6.45 oz/a			FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
11	Express	0.00313 lb ai/a	0.1 oz/a			FALL	A				
11	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL	A				
11	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL	A				
11	N-pak ams	5 % v/v	3 qt/a			FALL	A				

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	VERAG	LAMPU	STEME	TAROF							
Pest Scientific Name	Veronica agres>	Lamium purpure>	Stellaria media	Taraxacum offi>							
Pest Name	Field speedwell	Purple deadnet>	Common chickwe>	Common dandeli>							
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							
Days After First/Last Applic.	152 15	165 5	165 5	165 5							
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							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	9	10	11	12
11	Coc		1 % v/v	0.6 qt/a		FALL	A				
11	Sharpen	0.0223	lb ai/a	1 oz/a		7 EPP	C				
11	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		7 EPP	C				
11	N-pak ams		5 % v/v	3 qt/a		7 EPP	C				
11	MSO		1 % v/v	0.6 qt/a		7 EPP	C				
11	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
11	N-pak ams		5 % v/v	3 qt/a		POST	D				
12	Authority First	0.282	lb ai/a	6.45 oz/a		30 EPP	B	93.3 ab	100.0 a	100.0 a	100.0 a
12	Express	0.00313	lb ai/a	0.1 oz/a		30 EPP	B				
12	2,4-D Amine	0.5	lb ai/a	0.5 qt/a		30 EPP	B				
12	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		30 EPP	B				
12	N-pak ams		5 % v/v	3 qt/a		30 EPP	B				
12	Coc		1 % v/v	0.6 qt/a		30 EPP	B				
12	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
12	N-pak ams		5 % v/v	3 qt/a		POST	D				
13	Express	0.00313	lb ai/a	0.1 oz/a		FALL	A	96.7 ab	100.0 a	100.0 a	100.0 a
13	Gangster @ 2.4oz										
13	Firstrate	0.021	lb ai/a	0.4 oz/a		FALL	A				
13	Valor SX	0.064	lb ai/a	2 oz/a		FALL	A				
13	2,4-D Amine	0.5	lb ai/a	0.5 qt/a		FALL	A				
13	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		FALL	A				
13	N-pak ams		5 % v/v	3 qt/a		FALL	A				
13	Coc		1 % v/v	0.6 qt/a		FALL	A				
13	Sharpen	0.0223	lb ai/a	1 oz/a		7 EPP	C				
13	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		7 EPP	C				
13	N-pak ams		5 % v/v	3 qt/a		7 EPP	C				
13	MSO		1 % v/v	0.6 qt/a		7 EPP	C				
13	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
13	N-pak ams		5 % v/v	3 qt/a		POST	D				
14	Gangster @ 2.4oz							85.0 bc	100.0 a	100.0 a	100.0 a
14	Firstrate	0.021	lb ai/a	0.4 oz/a		30 EPP	B				
14	Valor SX	0.064	lb ai/a	2 oz/a		30 EPP	B				
14	Express	0.00313	lb ai/a	0.1 oz/a		30 EPP	B				
14	2,4-D Amine	0.5	lb ai/a	0.5 qt/a		30 EPP	B				
14	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		30 EPP	B				
14	N-pak ams		5 % v/v	3 qt/a		30 EPP	B				
14	Coc		1 % v/v	0.6 qt/a		30 EPP	B				
14	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
14	N-pak ams		5 % v/v	3 qt/a		POST	D				
LSD (P=.05)								14.64	12.02	27.80	0.00
Standard Deviation								8.72	7.15	16.56	0.00
CV								9.99	7.89	17.41	0.0

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	SENGL	RANAB	VERPG	VERAG
Pest Scientific Name	Senecio glabel>	Ranunculus abo>	Veronica peregr>	Veronica agres>
Pest Name	Cressleaf grou>	Smallflower bu>	Purslane speed>	Field speedwell
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
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

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	13	14	15	16
1	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	30 EPP B		100.0 a	100.0 a	100.0 a	100.0 a
1	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	30 EPP B					
1	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	30 EPP B					
1	Firstrate	0.0158 lb ai/a	ai/a	0.3 oz/a	oz/a	POST D					
1	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST D					
1	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST D					
2	Sharpen	0.0223 lb ai/a	ai/a	1 oz/a	oz/a	7 EPP C		100.0 a	76.3 bc	100.0 a	68.6 b
2	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	7 EPP C					
2	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	7 EPP C					
2	MSO	1 % v/v	v/v	0.6 qt/a	qt/a	7 EPP C					
2	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST D					
2	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST D					
3	Valor XLT @ 3oz							100.0 a	100.0 a	100.0 a	98.3 a
3	Valor SX	0.056 lb ai/a	ai/a	1.76 oz/a	oz/a	FALL A					
3	Classic	0.0194 lb ai/a	ai/a	1.24 oz/a	oz/a	FALL A					
3	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	FALL A					
3	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	FALL A					
3	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	FALL A					
3	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	FALL A					
3	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	FALL A					
3	Sharpen	0.0223 lb ai/a	ai/a	1 oz/a	oz/a	7 EPP C					
3	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	7 EPP C					
3	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	7 EPP C					
3	MSO	1 % v/v	v/v	0.6 qt/a	qt/a	7 EPP C					
3	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST D					
3	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST D					
4	Valor XLT @ 3oz							100.0 a	100.0 a	100.0 a	100.0 a
4	Valor SX	0.056 lb ai/a	ai/a	1.76 oz/a	oz/a	30 EPP B					
4	Classic	0.0194 lb ai/a	ai/a	1.24 oz/a	oz/a	30 EPP B					
4	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	30 EPP B					
4	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	30 EPP B					
4	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	30 EPP B					
4	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	30 EPP B					
4	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	30 EPP B					
4	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST D					
4	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST D					
5	Authority MTZ	0.31 lb ai/a	ai/a	11 oz/a	oz/a	FALL A		100.0 a	56.7 c	100.0 a	33.3 c
5	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	FALL A					
5	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	FALL A					
5	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	FALL A					
5	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	FALL A					
5	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	FALL A					
5	Sharpen	0.0223 lb ai/a	ai/a	1 oz/a	oz/a	7 EPP C					
5	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	7 EPP C					
5	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	7 EPP C					
5	MSO	1 % v/v	v/v	0.6 qt/a	qt/a	7 EPP C					

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	SENGL	RANAB	VERPG	VERAG							
Pest Scientific Name	Senecio glabel>	Ranunculus abo>	Veronica peregr>	Veronica agres>							
Pest Name	Cressleaf grou>	Smallflower bu>	Purslane speed>	Field speedwell							
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							
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							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	13	14	15	16
5	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
5	N-pak ams	5	% v/v	3	qt/a	POST	D				
6	Authority MTZ	0.31	lb ai/a	11	oz/a	30	EPP B	100.0 a	100.0 a	100.0 a	100.0 a
6	Express	0.00313	lb ai/a	0.1	oz/a	30	EPP B				
6	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	30	EPP B				
6	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	30	EPP B				
6	N-pak ams	5	% v/v	3	qt/a	30	EPP B				
6	Coc	1	% v/v	0.6	qt/a	30	EPP B				
6	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
6	N-pak ams	5	% v/v	3	qt/a	POST	D				
7	Authority	0.156	lb ai/a	5	oz/a	FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
7	Classic	0.0195	lb ai/a	1.25	oz/a	FALL	A				
7	Express	0.00313	lb ai/a	0.1	oz/a	FALL	A				
7	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	FALL	A				
7	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	FALL	A				
7	N-pak ams	5	% v/v	3	qt/a	FALL	A				
7	Coc	1	% v/v	0.6	qt/a	FALL	A				
7	Sharpen	0.0223	lb ai/a	1	oz/a	7	EPP C				
7	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	7	EPP C				
7	N-pak ams	5	% v/v	3	qt/a	7	EPP C				
7	M50	1	% v/v	0.6	qt/a	7	EPP C				
7	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
7	N-pak ams	5	% v/v	3	qt/a	POST	D				
8	Authority	0.156	lb ai/a	5	oz/a	30	EPP B	100.0 a	100.0 a	100.0 a	98.3 a
8	Classic	0.0195	lb ai/a	1.25	oz/a	30	EPP B				
8	Express	0.00313	lb ai/a	0.1	oz/a	30	EPP B				
8	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	30	EPP B				
8	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	30	EPP B				
8	N-pak ams	5	% v/v	3	qt/a	30	EPP B				
8	Coc	1	% v/v	0.6	qt/a	30	EPP B				
8	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
8	N-pak ams	5	% v/v	3	qt/a	POST	D				
9	Express	0.00313	lb ai/a	0.1	oz/a	FALL	A	100.0 a	96.7 a	100.0 a	76.7 b
9	Mon 63410	1.125	lb ai/a	48	oz/a	FALL	A				
9	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	FALL	A				
9	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	FALL	A				
9	N-pak ams	5	% v/v	3	qt/a	FALL	A				
9	Sharpen	0.0223	lb ai/a	1	oz/a	7	EPP C				
9	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	7	EPP C				
9	N-pak ams	5	% v/v	3	qt/a	7	EPP C				
9	M50	1	% v/v	0.6	qt/a	7	EPP C				
9	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
9	N-pak ams	5	% v/v	3	qt/a	POST	D				
10	Express	0.00313	lb ai/a	0.1	oz/a	30	EPP B	100.0 a	100.0 a	100.0 a	100.0 a
10	Mon 63410	1.125	lb ai/a	48	oz/a	30	EPP B				
10	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	30	EPP B				
10	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	30	EPP B				
10	N-pak ams	5	% v/v	3	qt/a	30	EPP B				
10	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	POST	D				
10	N-pak ams	5	% v/v	3	qt/a	POST	D				
11	Authority First	0.282	lb ai/a	6.45	oz/a	FALL	A	100.0 a	83.3 ab	100.0 a	100.0 a
11	Express	0.00313	lb ai/a	0.1	oz/a	FALL	A				
11	2,4-D Amine	0.5	lb ai/a	0.5	qt/a	FALL	A				
11	Roundup Power Max	0.75	lb ae/a	21.3	oz/a	FALL	A				
11	N-pak ams	5	% v/v	3	qt/a	FALL	A				

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	SENGL	RANAB	VERPG	VERAG							
Pest Scientific Name	Senecio glabel>	Ranunculus abo>	Veronica peregr>	Veronica agrest>							
Pest Name	Cressleaf grou>	Smallflower bu>	Purslane speed>	Field speedwell							
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							
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							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	13	14	15	16
11	Coc		1 % v/v	0.6 qt/a		FALL	A				
11	Sharpen	0.0223	lb ai/a	1 oz/a		7 EPP	C				
11	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		7 EPP	C				
11	N-pak ams		5 % v/v	3 qt/a		7 EPP	C				
11	MSO		1 % v/v	0.6 qt/a		7 EPP	C				
11	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
11	N-pak ams		5 % v/v	3 qt/a		POST	D				
12	Authority First	0.282	lb ai/a	6.45 oz/a		30 EPP	B	100.0 a	100.0 a	100.0 a	100.0 a
12	Express	0.00313	lb ai/a	0.1 oz/a		30 EPP	B				
12	2,4-D Amine	0.5	lb ai/a	0.5 qt/a		30 EPP	B				
12	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		30 EPP	B				
12	N-pak ams		5 % v/v	3 qt/a		30 EPP	B				
12	Coc		1 % v/v	0.6 qt/a		30 EPP	B				
12	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
12	N-pak ams		5 % v/v	3 qt/a		POST	D				
13	Express	0.00313	lb ai/a	0.1 oz/a		FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
13	Gangster @ 2.4oz										
13	Firstrate	0.021	lb ai/a	0.4 oz/a		FALL	A				
13	Valor SX	0.064	lb ai/a	2 oz/a		FALL	A				
13	2,4-D Amine	0.5	lb ai/a	0.5 qt/a		FALL	A				
13	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		FALL	A				
13	N-pak ams		5 % v/v	3 qt/a		FALL	A				
13	Coc		1 % v/v	0.6 qt/a		FALL	A				
13	Sharpen	0.0223	lb ai/a	1 oz/a		7 EPP	C				
13	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		7 EPP	C				
13	N-pak ams		5 % v/v	3 qt/a		7 EPP	C				
13	MSO		1 % v/v	0.6 qt/a		7 EPP	C				
13	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
13	N-pak ams		5 % v/v	3 qt/a		POST	D				
14	Gangster @ 2.4oz							100.0 a	100.0 a	100.0 a	100.0 a
14	Firstrate	0.021	lb ai/a	0.4 oz/a		30 EPP	B				
14	Valor SX	0.064	lb ai/a	2 oz/a		30 EPP	B				
14	Express	0.00313	lb ai/a	0.1 oz/a		30 EPP	B				
14	2,4-D Amine	0.5	lb ai/a	0.5 qt/a		30 EPP	B				
14	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		30 EPP	B				
14	N-pak ams		5 % v/v	3 qt/a		30 EPP	B				
14	Coc		1 % v/v	0.6 qt/a		30 EPP	B				
14	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
14	N-pak ams		5 % v/v	3 qt/a		POST	D				
LSD (P=.05)								0.00	19.71	0.00	20.52
Standard Deviation								0.00	11.72	0.00	12.20
CV								0.0	12.49	0.0	13.4

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Pest Type	W Weed	W Weed	W Weed	W Weed			
Pest Code	AMBTR	ERICA	LAMPU	STEME			
Pest Scientific Name	Ambrosia trifi>	Conyza canad>	Lamium purpure>	Stellaria media			
Pest Name	Giant ragweed	Canada horsewe>	Purple deadnet>	Common chickwe>			
Rating Date	Apr-30-2012	Apr-30-2012	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.	165 5	165 5	179 19	179 19			
Plant-Eval Interval	0 DP-1	0 DP-1	14 DP-1	14 DP-1			
Days After Emergence	-9 DE-1	-9 DE-1	5 DE-1	5 DE-1			
Trt Treatment	Rate	Rate	Rate	Rate			
No. Name	Unit	Unit	Unit	Unit			
Other Rate	Other Rate	Growth Stage	Appl Code	17			
Other Rate	Other Rate	Growth Stage	Appl Code	18			
Other Rate	Other Rate	Growth Stage	Appl Code	19			
Other Rate	Other Rate	Growth Stage	Appl Code	20			
1 2,4-D Amine	0.5 lb ai/a	0.5 qt/a	30 EPP B	100.0 a	13.3 b	100.0 a	100.0 a
1 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	30 EPP B				
1 N-pak ams	5 % v/v	3 qt/a	30 EPP B				
1 Firstrate	0.0158 lb ai/a	0.3 oz/a	POST D				
1 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	POST D				
1 N-pak ams	5 % v/v	3 qt/a	POST D				
2 Sharpen	0.0223 lb ai/a	1 oz/a	7 EPP C	99.5 a	73.3 a	99.3 a	100.0 a
2 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	7 EPP C				
2 N-pak ams	5 % v/v	3 qt/a	7 EPP C				
2 MSO	1 % v/v	0.6 qt/a	7 EPP C				
2 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	POST D				
2 N-pak ams	5 % v/v	3 qt/a	POST D				
3 Valor XLT @ 3oz				100.0 a	100.0 a	100.0 a	100.0 a
3 Valor SX	0.056 lb ai/a	1.76 oz/a	FALL A				
3 Classic	0.0194 lb ai/a	1.24 oz/a	FALL A				
3 Express	0.00313 lb ai/a	0.1 oz/a	FALL A				
3 2,4-D Amine	0.5 lb ai/a	0.5 qt/a	FALL A				
3 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	FALL A				
3 N-pak ams	5 % v/v	3 qt/a	FALL A				
3 Coc	1 % v/v	0.6 qt/a	FALL A				
3 Sharpen	0.0223 lb ai/a	1 oz/a	7 EPP C				
3 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	7 EPP C				
3 N-pak ams	5 % v/v	3 qt/a	7 EPP C				
3 MSO	1 % v/v	0.6 qt/a	7 EPP C				
3 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	POST D				
3 N-pak ams	5 % v/v	3 qt/a	POST D				
4 Valor XLT @ 3oz				100.0 a	100.0 a	100.0 a	100.0 a
4 Valor SX	0.056 lb ai/a	1.76 oz/a	30 EPP B				
4 Classic	0.0194 lb ai/a	1.24 oz/a	30 EPP B				
4 Express	0.00313 lb ai/a	0.1 oz/a	30 EPP B				
4 2,4-D Amine	0.5 lb ai/a	0.5 qt/a	30 EPP B				
4 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	30 EPP B				
4 N-pak ams	5 % v/v	3 qt/a	30 EPP B				
4 Coc	1 % v/v	0.6 qt/a	30 EPP B				
4 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	POST D				
4 N-pak ams	5 % v/v	3 qt/a	POST D				
5 Authority MTZ	0.31 lb ai/a	11 oz/a	FALL A	100.0 a	80.0 a	100.0 a	100.0 a
5 Express	0.00313 lb ai/a	0.1 oz/a	FALL A				
5 2,4-D Amine	0.5 lb ai/a	0.5 qt/a	FALL A				
5 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	FALL A				
5 N-pak ams	5 % v/v	3 qt/a	FALL A				
5 Coc	1 % v/v	0.6 qt/a	FALL A				
5 Sharpen	0.0223 lb ai/a	1 oz/a	7 EPP C				
5 Roundup Power Max	0.75 lb ae/a	21.3 oz/a	7 EPP C				
5 N-pak ams	5 % v/v	3 qt/a	7 EPP C				
5 MSO	1 % v/v	0.6 qt/a	7 EPP C				

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	AMBTR	ERICA	LAMPU	STEME							
Pest Scientific Name	Ambrosia trifid>	Conyza canadensis>	Lamium purpureum>	Stellaria media							
Pest Name	Giant ragweed	Canada horseweed>	Purple deadnettle>	Common chickweed>							
Rating Date	Apr-30-2012	Apr-30-2012	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.	165 5	165 5	179 19	179 19							
Plant-Eval Interval	0 DP-1	0 DP-1	14 DP-1	14 DP-1							
Days After Emergence	-9 DE-1	-9 DE-1	5 DE-1	5 DE-1							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	17	18	19	20
5	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
5	N-pak ams	5 % v/v	3 qt/a			POST	D				
6	Authority MTZ	0.31 lb ai/a	11 oz/a			30 EPP	B	100.0 a	100.0 a	98.3 a	100.0 a
6	Express	0.00313 lb ai/a	0.1 oz/a			30 EPP	B				
6	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP	B				
6	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP	B				
6	N-pak ams	5 % v/v	3 qt/a			30 EPP	B				
6	Coc	1 % v/v	0.6 qt/a			30 EPP	B				
6	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
6	N-pak ams	5 % v/v	3 qt/a			POST	D				
7	Authority	0.156 lb ai/a	5 oz/a			FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
7	Classic	0.0195 lb ai/a	1.25 oz/a			FALL	A				
7	Express	0.00313 lb ai/a	0.1 oz/a			FALL	A				
7	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL	A				
7	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL	A				
7	N-pak ams	5 % v/v	3 qt/a			FALL	A				
7	Coc	1 % v/v	0.6 qt/a			FALL	A				
7	Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP	C				
7	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP	C				
7	N-pak ams	5 % v/v	3 qt/a			7 EPP	C				
7	M50	1 % v/v	0.6 qt/a			7 EPP	C				
7	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
7	N-pak ams	5 % v/v	3 qt/a			POST	D				
8	Authority	0.156 lb ai/a	5 oz/a			30 EPP	B	100.0 a	100.0 a	100.0 a	100.0 a
8	Classic	0.0195 lb ai/a	1.25 oz/a			30 EPP	B				
8	Express	0.00313 lb ai/a	0.1 oz/a			30 EPP	B				
8	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP	B				
8	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP	B				
8	N-pak ams	5 % v/v	3 qt/a			30 EPP	B				
8	Coc	1 % v/v	0.6 qt/a			30 EPP	B				
8	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
8	N-pak ams	5 % v/v	3 qt/a			POST	D				
9	Express	0.00313 lb ai/a	0.1 oz/a			FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
9	Mon 63410	1.125 lb ai/a	48 oz/a			FALL	A				
9	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL	A				
9	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL	A				
9	N-pak ams	5 % v/v	3 qt/a			FALL	A				
9	Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP	C				
9	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP	C				
9	N-pak ams	5 % v/v	3 qt/a			7 EPP	C				
9	M50	1 % v/v	0.6 qt/a			7 EPP	C				
9	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
9	N-pak ams	5 % v/v	3 qt/a			POST	D				
10	Express	0.00313 lb ai/a	0.1 oz/a			30 EPP	B	100.0 a	100.0 a	100.0 a	100.0 a
10	Mon 63410	1.125 lb ai/a	48 oz/a			30 EPP	B				
10	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP	B				
10	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP	B				
10	N-pak ams	5 % v/v	3 qt/a			30 EPP	B				
10	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
10	N-pak ams	5 % v/v	3 qt/a			POST	D				
11	Authority First	0.282 lb ai/a	6.45 oz/a			FALL	A	93.3 a	100.0 a	100.0 a	100.0 a
11	Express	0.00313 lb ai/a	0.1 oz/a			FALL	A				
11	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL	A				
11	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL	A				
11	N-pak ams	5 % v/v	3 qt/a			FALL	A				

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	AMBTR	ERICA	LAMPU	STEME							
Pest Scientific Name	Ambrosia trifid>	Conyza canadensis>	Lamium purpureum>	Stellaria media							
Pest Name	Giant ragweed	Canada horseweed>	Purple deadnettle>	Common chickweed>							
Rating Date	Apr-30-2012	Apr-30-2012	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.	165 5	165 5	179 19	179 19							
Plant-Eval Interval	0 DP-1	0 DP-1	14 DP-1	14 DP-1							
Days After Emergence	-9 DE-1	-9 DE-1	5 DE-1	5 DE-1							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	17	18	19	20
11	Coc	1 % v/v	0.6 qt/a			FALL	A				
11	Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP	C				
11	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP	C				
11	N-pak ams	5 % v/v	3 qt/a			7 EPP	C				
11	MSO	1 % v/v	0.6 qt/a			7 EPP	C				
11	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
11	N-pak ams	5 % v/v	3 qt/a			POST	D				
12	Authority First	0.282 lb ai/a	6.45 oz/a			30 EPP	B	100.0 a	100.0 a	100.0 a	100.0 a
12	Express	0.00313 lb ai/a	0.1 oz/a			30 EPP	B				
12	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP	B				
12	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP	B				
12	N-pak ams	5 % v/v	3 qt/a			30 EPP	B				
12	Coc	1 % v/v	0.6 qt/a			30 EPP	B				
12	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
12	N-pak ams	5 % v/v	3 qt/a			POST	D				
13	Express	0.00313 lb ai/a	0.1 oz/a			FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
13	Gangster @ 2.4oz										
13	Firstrate	0.021 lb ai/a	0.4 oz/a			FALL	A				
13	Valor SX	0.064 lb ai/a	2 oz/a			FALL	A				
13	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL	A				
13	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL	A				
13	N-pak ams	5 % v/v	3 qt/a			FALL	A				
13	Coc	1 % v/v	0.6 qt/a			FALL	A				
13	Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP	C				
13	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP	C				
13	N-pak ams	5 % v/v	3 qt/a			7 EPP	C				
13	MSO	1 % v/v	0.6 qt/a			7 EPP	C				
13	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
13	N-pak ams	5 % v/v	3 qt/a			POST	D				
14	Gangster @ 2.4oz							100.0 a	100.0 a	100.0 a	100.0 a
14	Firstrate	0.021 lb ai/a	0.4 oz/a			30 EPP	B				
14	Valor SX	0.064 lb ai/a	2 oz/a			30 EPP	B				
14	Express	0.00313 lb ai/a	0.1 oz/a			30 EPP	B				
14	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP	B				
14	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP	B				
14	N-pak ams	5 % v/v	3 qt/a			30 EPP	B				
14	Coc	1 % v/v	0.6 qt/a			30 EPP	B				
14	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST	D				
14	N-pak ams	5 % v/v	3 qt/a			POST	D				
	LSD (P=.05)							5.28	26.69	1.36	0.00
	Standard Deviation							3.14	15.90	0.81	0.00
	CV							3.15	17.57	0.81	0.0

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	TAROF	SENGL	RANAB	VERPG
Pest Scientific Name	Taraxacum offi>	Senecio glabel>	Ranunculus abo>	Veronica peregr>
Pest Name	Common Cressleaf grou>	Smallflower bu>	Purslane speed>	
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
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

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	21	22	23	24
1	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP B		100.0 a	100.0 a	100.0 a	100.0 a
1	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP B					
1	N-pak ams	5 % v/v		3 qt/a		30 EPP B					
1	Firstrate	0.0158 lb ai/a		0.3 oz/a		POST D					
1	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D					
1	N-pak ams	5 % v/v		3 qt/a		POST D					
2	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP C		100.0 a	100.0 a	100.0 a	100.0 a
2	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP C					
2	N-pak ams	5 % v/v		3 qt/a		7 EPP C					
2	MSO	1 % v/v		0.6 qt/a		7 EPP C					
2	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D					
2	N-pak ams	5 % v/v		3 qt/a		POST D					
3	Valor XLT @ 3oz							100.0 a	100.0 a	100.0 a	100.0 a
3	Valor SX	0.056 lb ai/a		1.76 oz/a		FALL A					
3	Classic	0.0194 lb ai/a		1.24 oz/a		FALL A					
3	Express	0.00313 lb ai/a		0.1 oz/a		FALL A					
3	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL A					
3	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL A					
3	N-pak ams	5 % v/v		3 qt/a		FALL A					
3	Coc	1 % v/v		0.6 qt/a		FALL A					
3	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP C					
3	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP C					
3	N-pak ams	5 % v/v		3 qt/a		7 EPP C					
3	MSO	1 % v/v		0.6 qt/a		7 EPP C					
3	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D					
3	N-pak ams	5 % v/v		3 qt/a		POST D					
4	Valor XLT @ 3oz							100.0 a	100.0 a	100.0 a	100.0 a
4	Valor SX	0.056 lb ai/a		1.76 oz/a		30 EPP B					
4	Classic	0.0194 lb ai/a		1.24 oz/a		30 EPP B					
4	Express	0.00313 lb ai/a		0.1 oz/a		30 EPP B					
4	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP B					
4	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP B					
4	N-pak ams	5 % v/v		3 qt/a		30 EPP B					
4	Coc	1 % v/v		0.6 qt/a		30 EPP B					
4	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D					
4	N-pak ams	5 % v/v		3 qt/a		POST D					
5	Authority MTZ	0.31 lb ai/a		11 oz/a		FALL A		100.0 a	100.0 a	100.0 a	100.0 a
5	Express	0.00313 lb ai/a		0.1 oz/a		FALL A					
5	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL A					
5	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL A					
5	N-pak ams	5 % v/v		3 qt/a		FALL A					
5	Coc	1 % v/v		0.6 qt/a		FALL A					
5	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP C					
5	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP C					
5	N-pak ams	5 % v/v		3 qt/a		7 EPP C					
5	MSO	1 % v/v		0.6 qt/a		7 EPP C					

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	TAROF	SENGL	RANAB	VERPG							
Pest Scientific Name	Taraxacum offi>	Senecio glabel>	Ranunculus abo>	Veronica peregr>							
Pest Name	Common Cressleaf grou>	Smallflower bu>	Purslane speed>								
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							
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							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	21	22	23	24
5	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
5	N-pak ams	5 % v/v		3 qt/a		POST	D				
6	Authority MTZ	0.31 lb ai/a		11 oz/a		30	EPP B	100.0 a	100.0 a	100.0 a	100.0 a
6	Express	0.00313 lb ai/a		0.1 oz/a		30	EPP B				
6	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30	EPP B				
6	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30	EPP B				
6	N-pak ams	5 % v/v		3 qt/a		30	EPP B				
6	Coc	1 % v/v		0.6 qt/a		30	EPP B				
6	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
6	N-pak ams	5 % v/v		3 qt/a		POST	D				
7	Authority	0.156 lb ai/a		5 oz/a		FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
7	Classic	0.0195 lb ai/a		1.25 oz/a		FALL	A				
7	Express	0.00313 lb ai/a		0.1 oz/a		FALL	A				
7	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL	A				
7	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL	A				
7	N-pak ams	5 % v/v		3 qt/a		FALL	A				
7	Coc	1 % v/v		0.6 qt/a		FALL	A				
7	Sharpen	0.0223 lb ai/a		1 oz/a		7	EPP C				
7	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7	EPP C				
7	N-pak ams	5 % v/v		3 qt/a		7	EPP C				
7	M50	1 % v/v		0.6 qt/a		7	EPP C				
7	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
7	N-pak ams	5 % v/v		3 qt/a		POST	D				
8	Authority	0.156 lb ai/a		5 oz/a		30	EPP B	100.0 a	100.0 a	100.0 a	100.0 a
8	Classic	0.0195 lb ai/a		1.25 oz/a		30	EPP B				
8	Express	0.00313 lb ai/a		0.1 oz/a		30	EPP B				
8	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30	EPP B				
8	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30	EPP B				
8	N-pak ams	5 % v/v		3 qt/a		30	EPP B				
8	Coc	1 % v/v		0.6 qt/a		30	EPP B				
8	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
8	N-pak ams	5 % v/v		3 qt/a		POST	D				
9	Express	0.00313 lb ai/a		0.1 oz/a		FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
9	Mon 63410	1.125 lb ai/a		48 oz/a		FALL	A				
9	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL	A				
9	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL	A				
9	N-pak ams	5 % v/v		3 qt/a		FALL	A				
9	Sharpen	0.0223 lb ai/a		1 oz/a		7	EPP C				
9	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7	EPP C				
9	N-pak ams	5 % v/v		3 qt/a		7	EPP C				
9	M50	1 % v/v		0.6 qt/a		7	EPP C				
9	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
9	N-pak ams	5 % v/v		3 qt/a		POST	D				
10	Express	0.00313 lb ai/a		0.1 oz/a		30	EPP B	100.0 a	100.0 a	100.0 a	100.0 a
10	Mon 63410	1.125 lb ai/a		48 oz/a		30	EPP B				
10	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30	EPP B				
10	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30	EPP B				
10	N-pak ams	5 % v/v		3 qt/a		30	EPP B				
10	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D				
10	N-pak ams	5 % v/v		3 qt/a		POST	D				
11	Authority First	0.282 lb ai/a		6.45 oz/a		FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
11	Express	0.00313 lb ai/a		0.1 oz/a		FALL	A				
11	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL	A				
11	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL	A				
11	N-pak ams	5 % v/v		3 qt/a		FALL	A				

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Pest Type	W Weed	W Weed	W Weed	W Weed							
Pest Code	TAROF	SENGL	RANAB	VERPG							
Pest Scientific Name	Taraxacum offi> Senecio glabel> Ranunculus abo> Veronica peregr>										
Pest Name	Common Cressleaf grou> dandel>		Smallflower bu>	Purshlane speed>							
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							
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							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	21	22	23	24
11	Coc		1 % v/v	0.6 qt/a		FALL	A				
11	Sharpen	0.0223	lb ai/a	1 oz/a		7 EPP	C				
11	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		7 EPP	C				
11	N-pak ams		5 % v/v	3 qt/a		7 EPP	C				
11	MSO		1 % v/v	0.6 qt/a		7 EPP	C				
11	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
11	N-pak ams		5 % v/v	3 qt/a		POST	D				
12	Authority First	0.282	lb ai/a	6.45 oz/a		30 EPP	B	100.0 a	100.0 a	100.0 a	100.0 a
12	Express	0.00313	lb ai/a	0.1 oz/a		30 EPP	B				
12	2,4-D Amine	0.5	lb ai/a	0.5 qt/a		30 EPP	B				
12	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		30 EPP	B				
12	N-pak ams		5 % v/v	3 qt/a		30 EPP	B				
12	Coc		1 % v/v	0.6 qt/a		30 EPP	B				
12	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
12	N-pak ams		5 % v/v	3 qt/a		POST	D				
13	Express	0.00313	lb ai/a	0.1 oz/a		FALL	A	100.0 a	100.0 a	100.0 a	100.0 a
13	Gangster @ 2.4oz										
13	Firstrate	0.021	lb ai/a	0.4 oz/a		FALL	A				
13	Valor SX	0.064	lb ai/a	2 oz/a		FALL	A				
13	2,4-D Amine	0.5	lb ai/a	0.5 qt/a		FALL	A				
13	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		FALL	A				
13	N-pak ams		5 % v/v	3 qt/a		FALL	A				
13	Coc		1 % v/v	0.6 qt/a		FALL	A				
13	Sharpen	0.0223	lb ai/a	1 oz/a		7 EPP	C				
13	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		7 EPP	C				
13	N-pak ams		5 % v/v	3 qt/a		7 EPP	C				
13	MSO		1 % v/v	0.6 qt/a		7 EPP	C				
13	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
13	N-pak ams		5 % v/v	3 qt/a		POST	D				
14	Gangster @ 2.4oz							100.0 a	100.0 a	100.0 a	100.0 a
14	Firstrate	0.021	lb ai/a	0.4 oz/a		30 EPP	B				
14	Valor SX	0.064	lb ai/a	2 oz/a		30 EPP	B				
14	Express	0.00313	lb ai/a	0.1 oz/a		30 EPP	B				
14	2,4-D Amine	0.5	lb ai/a	0.5 qt/a		30 EPP	B				
14	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		30 EPP	B				
14	N-pak ams		5 % v/v	3 qt/a		30 EPP	B				
14	Coc		1 % v/v	0.6 qt/a		30 EPP	B				
14	Roundup Power Max	0.75	lb ae/a	21.3 oz/a		POST	D				
14	N-pak ams		5 % v/v	3 qt/a		POST	D				
LSD (P=.05)								0.00	0.00	0.00	0.00
Standard Deviation								0.00	0.00	0.00	0.00
CV								0.0	0.0	0.0	0.0

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	VERAG	AMBTR	ERICA	SETFA	SETFA
Pest Scientific Name	Veronica agres>	Ambrosia trifi>	Conyza canadens>	Setaria faberi	Setaria faberi
Pest Name	Field speedwell	Giant ragweed	Canada horsewe>	Giant foxtail	Giant foxtail
Rating Date	May-14-2012	May-14-2012	May-14-2012	May-14-2012	May-29-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
Days After First/Last Applic.	179 19	179 19	179 19	179 19	194 34
Plant-Eval Interval	14 DP-1	14 DP-1	14 DP-1	14 DP-1	29 DP-1
Days After Emergence	5 DE-1	5 DE-1	5 DE-1	5 DE-1	20 DE-1

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	25	26	27	28	29
1	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP B		100.0 a	98.3 a	33.3 b	26.7 d	3.3 e
1	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP B						
1	N-pak ams	5 % v/v	3 qt/a			30 EPP B						
1	Firstate	0.0158 lb ai/a	0.3 oz/a			POST D						
1	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST D						
1	N-pak ams	5 % v/v	3 qt/a			POST D						
2	Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP C		96.7 a	98.3 a	99.3 a	83.3 bc	33.3 d
2	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP C						
2	N-pak ams	5 % v/v	3 qt/a			7 EPP C						
2	MSO	1 % v/v	0.6 qt/a			7 EPP C						
2	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST D						
2	N-pak ams	5 % v/v	3 qt/a			POST D						
3	Valor XLT @ 3oz							100.0 a	98.3 a	100.0 a	88.3 abc	43.3 cd
3	Valor SX	0.056 lb ai/a	1.76 oz/a			FALL A						
3	Classic	0.0194 lb ai/a	1.24 oz/a			FALL A						
3	Express	0.00313 lb ai/a	0.1 oz/a			FALL A						
3	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL A						
3	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL A						
3	N-pak ams	5 % v/v	3 qt/a			FALL A						
3	Coc	1 % v/v	0.6 qt/a			FALL A						
3	Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP C						
3	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP C						
3	N-pak ams	5 % v/v	3 qt/a			7 EPP C						
3	MSO	1 % v/v	0.6 qt/a			7 EPP C						
3	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST D						
3	N-pak ams	5 % v/v	3 qt/a			POST D						
4	Valor XLT @ 3oz							100.0 a	98.3 a	100.0 a	96.0 a	65.0 ab
4	Valor SX	0.056 lb ai/a	1.76 oz/a			30 EPP B						
4	Classic	0.0194 lb ai/a	1.24 oz/a			30 EPP B						
4	Express	0.00313 lb ai/a	0.1 oz/a			30 EPP B						
4	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			30 EPP B						
4	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			30 EPP B						
4	N-pak ams	5 % v/v	3 qt/a			30 EPP B						
4	Coc	1 % v/v	0.6 qt/a			30 EPP B						
4	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			POST D						
4	N-pak ams	5 % v/v	3 qt/a			POST D						
5	Authority MTZ	0.31 lb ai/a	11 oz/a			FALL A		100.0 a	95.0 a	100.0 a	76.7 c	33.3 d
5	Express	0.00313 lb ai/a	0.1 oz/a			FALL A						
5	2,4-D Amine	0.5 lb ai/a	0.5 qt/a			FALL A						
5	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			FALL A						
5	N-pak ams	5 % v/v	3 qt/a			FALL A						
5	Coc	1 % v/v	0.6 qt/a			FALL A						
5	Sharpen	0.0223 lb ai/a	1 oz/a			7 EPP C						
5	Roundup Power Max	0.75 lb ae/a	21.3 oz/a			7 EPP C						
5	N-pak ams	5 % v/v	3 qt/a			7 EPP C						
5	MSO	1 % v/v	0.6 qt/a			7 EPP C						

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	VERAG	AMBTR	ERICA	SETFA	SETFA							
Pest Scientific Name	Veronica agres>	Ambrosia trifi>	Conyza canadens>	Setaria faberi	Setaria faberi							
Pest Name	Field speedwell	Giant ragweed	Canada horsewe>	Giant foxtail	Giant foxtail							
Rating Date	May-14-2012	May-14-2012	May-14-2012	May-14-2012	May-29-2012							
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO							
Rating Unit	%	%	%	%	%							
Number of Subsamples	1	1	1	1	1							
Days After First/Last Applic.	179 19	179 19	179 19	179 19	194 34							
Plant-Eval Interval	14 DP-1	14 DP-1	14 DP-1	14 DP-1	29 DP-1							
Days After Emergence	5 DE-1	5 DE-1	5 DE-1	5 DE-1	20 DE-1							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	25	26	27	28	29
5	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
5	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
6	Authority MTZ	0.31 lb ai/a	ai/a	11 oz/a	oz/a	30	EPP B	95.0 a	96.7 a	98.3 a	88.3 abc	53.3 bc
6	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	30	EPP B					
6	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	30	EPP B					
6	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	30	EPP B					
6	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	30	EPP B					
6	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	30	EPP B					
6	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
6	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
7	Authority	0.156 lb ai/a	ai/a	5 oz/a	oz/a	FALL	A	100.0 a	100.0 a	100.0 a	91.7 ab	43.3 cd
7	Classic	0.0195 lb ai/a	ai/a	1.25 oz/a	oz/a	FALL	A					
7	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	FALL	A					
7	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	FALL	A					
7	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	FALL	A					
7	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	FALL	A					
7	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	FALL	A					
7	Sharpen	0.0223 lb ai/a	ai/a	1 oz/a	oz/a	7	EPP C					
7	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	7	EPP C					
7	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	7	EPP C					
7	MSO	1 % v/v	v/v	0.6 qt/a	qt/a	7	EPP C					
7	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
7	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
8	Authority	0.156 lb ai/a	ai/a	5 oz/a	oz/a	30	EPP B	100.0 a	100.0 a	100.0 a	93.3 ab	50.0 c
8	Classic	0.0195 lb ai/a	ai/a	1.25 oz/a	oz/a	30	EPP B					
8	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	30	EPP B					
8	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	30	EPP B					
8	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	30	EPP B					
8	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	30	EPP B					
8	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	30	EPP B					
8	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
8	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
9	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	FALL	A	100.0 a	96.7 a	100.0 a	97.7 a	50.0 c
9	Mon 63410	1.125 lb ai/a	ai/a	48 oz/a	oz/a	FALL	A					
9	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	FALL	A					
9	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	FALL	A					
9	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	FALL	A					
9	Sharpen	0.0223 lb ai/a	ai/a	1 oz/a	oz/a	7	EPP C					
9	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	7	EPP C					
9	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	7	EPP C					
9	MSO	1 % v/v	v/v	0.6 qt/a	qt/a	7	EPP C					
9	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
9	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
10	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	30	EPP B	100.0 a	95.0 a	100.0 a	88.3 abc	46.7 c
10	Mon 63410	1.125 lb ai/a	ai/a	48 oz/a	oz/a	30	EPP B					
10	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	30	EPP B					
10	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	30	EPP B					
10	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	30	EPP B					
10	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
10	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
11	Authority First	0.282 lb ai/a	ai/a	6.45 oz/a	oz/a	FALL	A	100.0 a	93.3 a	100.0 a	91.7 ab	46.7 c
11	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	FALL	A					
11	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	FALL	A					
11	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	FALL	A					
11	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	FALL	A					

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed						
Pest Code	VERAG	AMBTR	ERICA	SETFA	SETFA						
Pest Scientific Name	Veronica agres>	Ambrosia trifi>	Conyza canad>	Setaria faberi	Setaria faberi						
Pest Name	Field speedwell	Giant ragweed	Canada horsewe>	Giant foxtail	Giant foxtail						
Rating Date	May-14-2012	May-14-2012	May-14-2012	May-14-2012	May-29-2012						
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO						
Rating Unit	%	%	%	%	%						
Number of Subsamples	1	1	1	1	1						
Days After First/Last Applic.	179 19	179 19	179 19	179 19	194 34						
Plant-Eval Interval	14 DP-1	14 DP-1	14 DP-1	14 DP-1	29 DP-1						
Days After Emergence	5 DE-1	5 DE-1	5 DE-1	5 DE-1	20 DE-1						
Trt	Treatment	Rate	Other Rate	Other Rate	Growth Stage	Appl Code	25	26	27	28	29
11	Coc	1 % v/v	0.6 qt/a		FALL	A					
11	Sharpen	0.0223 lb ai/a	1 oz/a		7 EPP	C					
11	Roundup Power Max	0.75 lb ae/a	21.3 oz/a		7 EPP	C					
11	N-pak ams	5 % v/v	3 qt/a		7 EPP	C					
11	MSO	1 % v/v	0.6 qt/a		7 EPP	C					
11	Roundup Power Max	0.75 lb ae/a	21.3 oz/a		POST	D					
11	N-pak ams	5 % v/v	3 qt/a		POST	D					
12	Authority First	0.282 lb ai/a	6.45 oz/a		30 EPP	B	100.0 a	100.0 a	100.0 a	97.7 a	68.3 a
12	Express	0.00313 lb ai/a	0.1 oz/a		30 EPP	B					
12	2,4-D Amine	0.5 lb ai/a	0.5 qt/a		30 EPP	B					
12	Roundup Power Max	0.75 lb ae/a	21.3 oz/a		30 EPP	B					
12	N-pak ams	5 % v/v	3 qt/a		30 EPP	B					
12	Coc	1 % v/v	0.6 qt/a		30 EPP	B					
12	Roundup Power Max	0.75 lb ae/a	21.3 oz/a		POST	D					
12	N-pak ams	5 % v/v	3 qt/a		POST	D					
13	Express	0.00313 lb ai/a	0.1 oz/a		FALL	A	100.0 a	100.0 a	100.0 a	94.3 ab	46.7 c
13	Gangster @ 2.4oz										
13	Firstrate	0.021 lb ai/a	0.4 oz/a		FALL	A					
13	Valor SX	0.064 lb ai/a	2 oz/a		FALL	A					
13	2,4-D Amine	0.5 lb ai/a	0.5 qt/a		FALL	A					
13	Roundup Power Max	0.75 lb ae/a	21.3 oz/a		FALL	A					
13	N-pak ams	5 % v/v	3 qt/a		FALL	A					
13	Coc	1 % v/v	0.6 qt/a		FALL	A					
13	Sharpen	0.0223 lb ai/a	1 oz/a		7 EPP	C					
13	Roundup Power Max	0.75 lb ae/a	21.3 oz/a		7 EPP	C					
13	N-pak ams	5 % v/v	3 qt/a		7 EPP	C					
13	MSO	1 % v/v	0.6 qt/a		7 EPP	C					
13	Roundup Power Max	0.75 lb ae/a	21.3 oz/a		POST	D					
13	N-pak ams	5 % v/v	3 qt/a		POST	D					
14	Gangster @ 2.4oz						100.0 a	100.0 a	100.0 a	93.3 ab	50.0 c
14	Firstrate	0.021 lb ai/a	0.4 oz/a		30 EPP	B					
14	Valor SX	0.064 lb ai/a	2 oz/a		30 EPP	B					
14	Express	0.00313 lb ai/a	0.1 oz/a		30 EPP	B					
14	2,4-D Amine	0.5 lb ai/a	0.5 qt/a		30 EPP	B					
14	Roundup Power Max	0.75 lb ae/a	21.3 oz/a		30 EPP	B					
14	N-pak ams	5 % v/v	3 qt/a		30 EPP	B					
14	Coc	1 % v/v	0.6 qt/a		30 EPP	B					
14	Roundup Power Max	0.75 lb ae/a	21.3 oz/a		POST	D					
14	N-pak ams	5 % v/v	3 qt/a		POST	D					
	LSD (P=.05)						3.43	7.94	12.88	12.47	13.31
	Standard Deviation						2.04	4.73	7.67	7.43	7.93
	CV						2.05	4.83	8.07	8.61	17.52

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	AMBTR	ERICA	SETFA	AMBTR	ERICA
Pest Scientific Name	Ambrosia trifida	Conyza canadensis	Setaria faberii	Ambrosia trifida	Conyza canadensis
Pest Name	Giant ragweed	Canada horseweed	Giant foxtail	Giant ragweed	Canada horseweed
Rating Date	May-29-2012	May-29-2012	Jun-25-2012	Jun-25-2012	Jun-25-2012
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
Days After First/Last Applic.	194 34	194 34	221 26	221 26	221 26
Plant-Eval Interval	29 DP-1	29 DP-1	56 DP-1	56 DP-1	56 DP-1
Days After Emergence	20 DE-1	20 DE-1	47 DE-1	47 DE-1	47 DE-1

Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	30	31	32	33	34
1	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP B		90.0 a	30.0 b	71.7 a	100.0 a	41.7 d
1	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP B						
1	N-pak ams	5 % v/v		3 qt/a		30 EPP B						
1	Firstate	0.0158 lb ai/a		0.3 oz/a		POST D						
1	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D						
1	N-pak ams	5 % v/v		3 qt/a		POST D						
2	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP C		90.0 a	98.3 a	53.3 a	100.0 a	86.7 abc
2	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP C						
2	N-pak ams	5 % v/v		3 qt/a		7 EPP C						
2	MSO	1 % v/v		0.6 qt/a		7 EPP C						
2	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D						
2	N-pak ams	5 % v/v		3 qt/a		POST D						
3	Valor XLT @ 3oz							91.7 a	100.0 a	58.0 a	93.3 a	81.7 abc
3	Valor SX	0.056 lb ai/a		1.76 oz/a		FALL A						
3	Classic	0.0194 lb ai/a		1.24 oz/a		FALL A						
3	Express	0.00313 lb ai/a		0.1 oz/a		FALL A						
3	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL A						
3	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL A						
3	N-pak ams	5 % v/v		3 qt/a		FALL A						
3	Coc	1 % v/v		0.6 qt/a		FALL A						
3	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP C						
3	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP C						
3	N-pak ams	5 % v/v		3 qt/a		7 EPP C						
3	MSO	1 % v/v		0.6 qt/a		7 EPP C						
3	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D						
3	N-pak ams	5 % v/v		3 qt/a		POST D						
4	Valor XLT @ 3oz							85.0 a	100.0 a	64.7 a	80.0 a	86.7 abc
4	Valor SX	0.056 lb ai/a		1.76 oz/a		30 EPP B						
4	Classic	0.0194 lb ai/a		1.24 oz/a		30 EPP B						
4	Express	0.00313 lb ai/a		0.1 oz/a		30 EPP B						
4	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP B						
4	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP B						
4	N-pak ams	5 % v/v		3 qt/a		30 EPP B						
4	Coc	1 % v/v		0.6 qt/a		30 EPP B						
4	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST D						
4	N-pak ams	5 % v/v		3 qt/a		POST D						
5	Authority MTZ	0.31 lb ai/a		11 oz/a		FALL A		86.7 a	100.0 a	61.7 a	90.0 a	100.0 a
5	Express	0.00313 lb ai/a		0.1 oz/a		FALL A						
5	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL A						
5	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL A						
5	N-pak ams	5 % v/v		3 qt/a		FALL A						
5	Coc	1 % v/v		0.6 qt/a		FALL A						
5	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP C						
5	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP C						
5	N-pak ams	5 % v/v		3 qt/a		7 EPP C						
5	MSO	1 % v/v		0.6 qt/a		7 EPP C						

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	AMBTR	ERICA	SETFA	AMBTR	ERICA							
Pest Scientific Name	Ambrosia trifida	Conyza canadensis	Setaria faberii	Ambrosia trifida	Conyza canadensis							
Pest Name	Giant ragweed	Canada horseweed	Giant foxtail	Giant ragweed	Canada horseweed							
Rating Date	May-29-2012	May-29-2012	Jun-25-2012	Jun-25-2012	Jun-25-2012							
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO							
Rating Unit	%	%	%	%	%							
Number of Subsamples	1	1	1	1	1							
Days After First/Last Applic.	194 34	194 34	221 26	221 26	221 26							
Plant-Eval Interval	29 DP-1	29 DP-1	56 DP-1	56 DP-1	56 DP-1							
Days After Emergence	20 DE-1	20 DE-1	47 DE-1	47 DE-1	47 DE-1							
Trt No.	Treatment Name	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	30	31	32	33	34
5	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
5	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
6	Authority MTZ	0.31 lb ai/a	ai/a	11 oz/a	oz/a	30	EPP B	85.0 a	83.3 a	81.3 a	98.3 a	70.0 c
6	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	30	EPP B					
6	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	30	EPP B					
6	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	30	EPP B					
6	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	30	EPP B					
6	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	30	EPP B					
6	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
6	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
7	Authority	0.156 lb ai/a	ai/a	5 oz/a	oz/a	FALL	A	100.0 a	100.0 a	65.0 a	100.0 a	98.3 a
7	Classic	0.0195 lb ai/a	ai/a	1.25 oz/a	oz/a	FALL	A					
7	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	FALL	A					
7	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	FALL	A					
7	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	FALL	A					
7	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	FALL	A					
7	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	FALL	A					
7	Sharpen	0.0223 lb ai/a	ai/a	1 oz/a	oz/a	7	EPP C					
7	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	7	EPP C					
7	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	7	EPP C					
7	M50	1 % v/v	v/v	0.6 qt/a	qt/a	7	EPP C					
7	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
7	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
8	Authority	0.156 lb ai/a	ai/a	5 oz/a	oz/a	30	EPP B	100.0 a	98.3 a	65.0 a	100.0 a	88.3 abc
8	Classic	0.0195 lb ai/a	ai/a	1.25 oz/a	oz/a	30	EPP B					
8	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	30	EPP B					
8	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	30	EPP B					
8	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	30	EPP B					
8	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	30	EPP B					
8	Coc	1 % v/v	v/v	0.6 qt/a	qt/a	30	EPP B					
8	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
8	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
9	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	FALL	A	100.0 a	100.0 a	68.3 a	95.0 a	95.0 abc
9	Mon 63410	1.125 lb ai/a	ai/a	48 oz/a	oz/a	FALL	A					
9	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	FALL	A					
9	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	FALL	A					
9	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	FALL	A					
9	Sharpen	0.0223 lb ai/a	ai/a	1 oz/a	oz/a	7	EPP C					
9	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	7	EPP C					
9	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	7	EPP C					
9	M50	1 % v/v	v/v	0.6 qt/a	qt/a	7	EPP C					
9	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
9	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
10	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	30	EPP B	93.3 a	91.7 a	73.3 a	76.7 a	71.7 bc
10	Mon 63410	1.125 lb ai/a	ai/a	48 oz/a	oz/a	30	EPP B					
10	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	30	EPP B					
10	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	30	EPP B					
10	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	30	EPP B					
10	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	POST	D					
10	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	POST	D					
11	Authority First	0.282 lb ai/a	ai/a	6.45 oz/a	oz/a	FALL	A	83.3 a	100.0 a	71.7 a	70.0 a	100.0 a
11	Express	0.00313 lb ai/a	ai/a	0.1 oz/a	oz/a	FALL	A					
11	2,4-D Amine	0.5 lb ai/a	ai/a	0.5 qt/a	qt/a	FALL	A					
11	Roundup Power Max	0.75 lb ae/a	ae/a	21.3 oz/a	oz/a	FALL	A					
11	N-pak ams	5 % v/v	v/v	3 qt/a	qt/a	FALL	A					

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	AMBTR	ERICA	SETFA	AMBTR	ERICA							
Pest Scientific Name	Ambrosia trifida>	Conyza canadensis>	Setaria faberii>	Ambrosia trifida>	Conyza canadensis>							
Pest Name	Giant ragweed	Canada horseweed	Giant foxtail	Giant ragweed	Canada horseweed							
Rating Date	May-29-2012	May-29-2012	Jun-25-2012	Jun-25-2012	Jun-25-2012							
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO							
Rating Unit	%	%	%	%	%							
Number of Subsamples	1	1	1	1	1							
Days After First/Last Applic.	194 34	194 34	221 26	221 26	221 26							
Plant-Eval Interval	29 DP-1	29 DP-1	56 DP-1	56 DP-1	56 DP-1							
Days After Emergence	20 DE-1	20 DE-1	47 DE-1	47 DE-1	47 DE-1							
Trt No.	Treatment Name	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	30	31	32	33	34
11	Coc	1 % v/v		0.6 qt/a		FALL	A					
11	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP	C					
11	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP	C					
11	N-pak ams	5 % v/v		3 qt/a		7 EPP	C					
11	MSO	1 % v/v		0.6 qt/a		7 EPP	C					
11	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D					
11	N-pak ams	5 % v/v		3 qt/a		POST	D					
12	Authority First	0.282 lb ai/a		6.45 oz/a		30 EPP	B	100.0 a	100.0 a	78.7 a	85.0 a	100.0 a
12	Express	0.00313 lb ai/a		0.1 oz/a		30 EPP	B					
12	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP	B					
12	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP	B					
12	N-pak ams	5 % v/v		3 qt/a		30 EPP	B					
12	Coc	1 % v/v		0.6 qt/a		30 EPP	B					
12	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D					
12	N-pak ams	5 % v/v		3 qt/a		POST	D					
13	Express	0.00313 lb ai/a		0.1 oz/a		FALL	A	100.0 a	100.0 a	78.3 a	99.3 a	96.7 ab
13	Gangster @ 2.4oz											
13	Firstrate	0.021 lb ai/a		0.4 oz/a		FALL	A					
13	Valor SX	0.064 lb ai/a		2 oz/a		FALL	A					
13	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		FALL	A					
13	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		FALL	A					
13	N-pak ams	5 % v/v		3 qt/a		FALL	A					
13	Coc	1 % v/v		0.6 qt/a		FALL	A					
13	Sharpen	0.0223 lb ai/a		1 oz/a		7 EPP	C					
13	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		7 EPP	C					
13	N-pak ams	5 % v/v		3 qt/a		7 EPP	C					
13	MSO	1 % v/v		0.6 qt/a		7 EPP	C					
13	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D					
13	N-pak ams	5 % v/v		3 qt/a		POST	D					
14	Gangster @ 2.4oz							100.0 a	100.0 a	66.7 a	100.0 a	93.3 abc
14	Firstrate	0.021 lb ai/a		0.4 oz/a		30 EPP	B					
14	Valor SX	0.064 lb ai/a		2 oz/a		30 EPP	B					
14	Express	0.00313 lb ai/a		0.1 oz/a		30 EPP	B					
14	2,4-D Amine	0.5 lb ai/a		0.5 qt/a		30 EPP	B					
14	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		30 EPP	B					
14	N-pak ams	5 % v/v		3 qt/a		30 EPP	B					
14	Coc	1 % v/v		0.6 qt/a		30 EPP	B					
14	Roundup Power Max	0.75 lb ae/a		21.3 oz/a		POST	D					
14	N-pak ams	5 % v/v		3 qt/a		POST	D					
LSD (P=.05)								22.37	19.11	20.27	24.26	25.62
Standard Deviation								13.33	11.38	12.08	14.45	15.26
CV								14.3	12.24	17.66	15.71	17.65