

MSU Weed Science Research Program

No-till programs using flumioxazin products in RR2 Xtend - Non-crop

Trial ID: NC01-15 Study Dir.: Sprague and Powell
 Conducted: Campus B-8 Investigator: Christy Sprague

Date Planted: Row Spacing: - IN
 Variety: - No. of Reps: 4
 Population: - % OM: 2.8
 Soil Type: Loam pH: 6.8
 Plot Size: 10 X 30 FT Design: RANDOMIZED COMPLETE BLOCK

Tillage: No-till

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1.	POANN	BLUEGRASS, ANNUAL	POA ANNUA L.
2.	STEME	CHICKWEED, COMMON	STELLARIA MEDIA (L.)
3.	CAPBP	SHEPHERDSPURSE	CAPSELLA BURSA-PASTORIS (L.)
4.	THLAR	PENNYCRESS, FIELD	THLASPI ARVENSE L.
5.	ANGR	mainly foxtail species	SETARIA SP.
6.	CHEAL	LAMBSQUARTERS, COMMON	CHENOPODIUM ALBUM L.
7.	AMBEL	RAGWEED, COMMON	AMBROSIA ARTEMISIIFOLIA L.
8.	ABUTH	VELVETLEAF	ABUTILON THEOPHRASTI MEDIK.

Application Description

	A	B
Application Timing:	PRE	POST
Date Treated:	May/13/2015	Jul/06/2015
Time Treated:	5:30 PM	10:00 AM
% Cloud Cover:	50	10
Air Temp., Unit:	56 F	70 F
% Relative Humidity:	52	72
Wind Speed/Unit/Dir:	4 mph NW	4 mph SW
Soil Temp., Unit:	57 F	68 F
Soil/Leaf Surface M:	2 5	5 S
Soil Moist (1=w 5=d):	2	4

Crop Stage at Each Application

	A	B
Height (In.):	-	-
Stage (L):	-	-

Weed Stage at Each Application

	A	B
Weed 1 Name:	POANN	POANN
Height (In.):	2"	-
Stage (L):	many	-
Weed 2 Name:	STEME	STEME
Height (In.):	>8" dia	5" diam
Stage (L):	many-flwr	many-flwr
Weed 3 Name:	CAPBP	CAPBP
Height (In.):	13"	-
Stage (L):	flowering	-
Weed 4 Name:	THLAR	THLAR
Height (In.):	8"	-
Stage (L):	flowering	-
Weed 5 Name:	ANGR	ANGR
Height (In.):	-	2-10"
Stage (L):	-	2-8
Weed 6 Name:	CHEAL	CHEAL
Height (In.):	1"	0.5"
Stage (L):	cot-6	4
Weed 7 Name:	AMBEL	AMBEL
Height (In.):	1"	4"
Stage (L):	cot-4	10
Weed 8 Name:	ABUTH	ABUTH
Height (In.):	-	4"
Stage (L):	-	6

Weed Density (plants/sq. ft.)

Weed Name:	1	2	3	4	5	6	7	8
Density:	3	2	<1	<1	4	6	<1	2

Application Equipment

Appl	Sprayer Type	Speed MPH	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width	GPA	Carrier	PSI
A	Cub	3.8	AIXR	11003	26"	20"	100"	19	Water	28
B	Cub	3.8	AIXR	11003	26"	20"	100"	19	Water	28

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Trial ID: NC01-15 Study Dir.: Sprague and Powell
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								POANN	STEME	CAPBU	THLAR	CHEAL
								control	control	control	control	control
								percent	percent	percent	percent	percent
								May/20/2015	May/20/2015	May/20/2015	May/20/2015	May/20/2015
								7 DA-A	7 DA-A	7 DA-A	7 DA-A	7 DA-A
								0	0	0	0	0
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code					
1	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A	48	43	43	48	99
1	Clarity	4	L	16	fl oz/a	PRE	A					
1	Surfactant		L	0.25	% v/v	PRE	A					
1	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
1	Clarity	4	L	16	fl oz/a	POST	B					
1	Surfactant		L	0.25	% v/v	POST	B					
2	Valor	51	WG	2.5	oz/a	PRE	A	69	84	81	86	99
2	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
2	Clarity	4	L	16	fl oz/a	PRE	A					
2	Surfactant		L	0.25	% v/v	PRE	A					
2	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
2	Clarity	4	L	16	fl oz/a	POST	B					
2	Surfactant		L	0.25	% v/v	POST	B					
3	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A	50	50	50	50	99
3	Clarity	4	L	16	fl oz/a	PRE	A					
3	Surfactant		L	0.25	% v/v	PRE	A					
3	Cobra	2	L	12.5	fl oz/a	POST	B					
3	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
3	Clarity	4	L	16	fl oz/a	POST	B					
3	Crop oil concentrate		L	0.25	% v/v	POST	B					
4	Valor	51	WG	2.5	oz/a	PRE	A	73	85	80	90	99
4	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
4	Clarity	4	L	16	fl oz/a	PRE	A					
4	Surfactant		L	0.25	% v/v	PRE	A					
4	Cobra	2	L	12.5	fl oz/a	POST	B					
4	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
4	Clarity	4	L	16	fl oz/a	POST	B					
4	Crop oil concentrate		L	0.25	% v/v	POST	B					
5	Untreated							0	0	0	0	0
6	Fierce	76	WG	3	oz/a	PRE	A	69	90	83	89	99
6	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
6	Clarity	4	L	16	fl oz/a	PRE	A					
6	Surfactant		L	0.25	% v/v	PRE	A					
6	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
6	Clarity	4	L	16	fl oz/a	POST	B					
6	Surfactant		L	0.25	% v/v	POST	B					
7	Fierce	76	WG	3	oz/a	PRE	A	71	85	84	90	99
7	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
7	Clarity	4	L	16	fl oz/a	PRE	A					
7	Surfactant		L	0.25	% v/v	PRE	A					
7	Cobra	2	L	12.5	fl oz/a	POST	B					
7	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
7	Clarity	4	L	16	fl oz/a	POST	B					
7	Crop oil concentrate		L	0.25	% v/v	POST	B					
8	V-10404	3.02	L	30	fl oz/a	PRE	A	70	85	81	88	99
8	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
8	Surfactant		L	0.25	% v/v	PRE	A					
8	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
8	Clarity	4	L	16	fl oz/a	POST	B					
8	Crop oil concentrate		L	0.25	% v/v	POST	B					
LSD (P=.05)								10.8	9.5	13.9	11.7	0.0
CV								13.07	9.89	15.1	11.78	0.0

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

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No-till programs using flumioxazin products in RR2 Xtend - Non-crop

Trial ID: NC01-15 Study Dir.: Sprague and Powell
 Conducted: Campus B-8 Investigator: Christy Sprague

								AMBEL	POANN	STEME	CAPBU	THLAR
								control	control	control	control	control
								percent	percent	percent	percent	percent
								May/20/2015	May/27/2015	May/27/2015	May/27/2015	May/27/2015
								7 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A
								0	0	0	0	0
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Unit	Stg	Code						
1	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A	99	99	99	96	99
1	Clarity	4	L	16	fl oz/a	PRE	A					
1	Surfactant		L	0.25	% v/v	PRE	A					
1	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
1	Clarity	4	L	16	fl oz/a	POST	B					
1	Surfactant		L	0.25	% v/v	POST	B					
2	Valor	51	WG	2.5	oz/a	PRE	A	99	99	99	98	99
2	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
2	Clarity	4	L	16	fl oz/a	PRE	A					
2	Surfactant		L	0.25	% v/v	PRE	A					
2	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
2	Clarity	4	L	16	fl oz/a	POST	B					
2	Surfactant		L	0.25	% v/v	POST	B					
3	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A	99	99	99	97	99
3	Clarity	4	L	16	fl oz/a	PRE	A					
3	Surfactant		L	0.25	% v/v	PRE	A					
3	Cobra	2	L	12.5	fl oz/a	POST	B					
3	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
3	Clarity	4	L	16	fl oz/a	POST	B					
3	Crop oil concentrate		L	0.25	% v/v	POST	B					
4	Valor	51	WG	2.5	oz/a	PRE	A	99	99	99	99	99
4	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
4	Clarity	4	L	16	fl oz/a	PRE	A					
4	Surfactant		L	0.25	% v/v	PRE	A					
4	Cobra	2	L	12.5	fl oz/a	POST	B					
4	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
4	Clarity	4	L	16	fl oz/a	POST	B					
4	Crop oil concentrate		L	0.25	% v/v	POST	B					
5	Untreated							0	0	0	0	0
6	Fierce	76	WG	3	oz/a	PRE	A	99	99	99	98	99
6	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
6	Clarity	4	L	16	fl oz/a	PRE	A					
6	Surfactant		L	0.25	% v/v	PRE	A					
6	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
6	Clarity	4	L	16	fl oz/a	POST	B					
6	Surfactant		L	0.25	% v/v	POST	B					
7	Fierce	76	WG	3	oz/a	PRE	A	99	98	99	99	99
7	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
7	Clarity	4	L	16	fl oz/a	PRE	A					
7	Surfactant		L	0.25	% v/v	PRE	A					
7	Cobra	2	L	12.5	fl oz/a	POST	B					
7	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
7	Clarity	4	L	16	fl oz/a	POST	B					
7	Crop oil concentrate		L	0.25	% v/v	POST	B					
8	V-10404	3.02	L	30	fl oz/a	PRE	A	99	98	99	98	99
8	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
8	Surfactant		L	0.25	% v/v	PRE	A					
8	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
8	Clarity	4	L	16	fl oz/a	POST	B					
8	Crop oil concentrate		L	0.25	% v/v	POST	B					
LSD (P=.05)								0.0	1.5	0.0	3.8	0.0
CV								0.0	1.15	0.0	3.02	0.0

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								CHEAL	AMBEL	ANGR	CHEAL	AMAPO
								control	control	control	control	control
								percent	percent	percent	percent	percent
								May/27/2015	May/27/2015	Jul/06/2015	Jul/06/2015	Jul/06/2015
								14 DA-A	14 DA-A	0 DA-B	0 DA-B	0 DA-B
								0	0	0	0	0
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
1	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A	99	99	0	0	0
1	Clarity	4	L	16	fl oz/a	PRE	A					
1	Surfactant		L	0.25	% v/v	PRE	A					
1	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
1	Clarity	4	L	16	fl oz/a	POST	B					
1	Surfactant		L	0.25	% v/v	POST	B					
2	Valor	51	WG	2.5	oz/a	PRE	A	99	99	81	99	99
2	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
2	Clarity	4	L	16	fl oz/a	PRE	A					
2	Surfactant		L	0.25	% v/v	PRE	A					
2	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
2	Clarity	4	L	16	fl oz/a	POST	B					
2	Surfactant		L	0.25	% v/v	POST	B					
3	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A	99	99	0	0	0
3	Clarity	4	L	16	fl oz/a	PRE	A					
3	Surfactant		L	0.25	% v/v	PRE	A					
3	Cobra	2	L	12.5	fl oz/a	POST	B					
3	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
3	Clarity	4	L	16	fl oz/a	POST	B					
3	Crop oil concentrate		L	0.25	% v/v	POST	B					
4	Valor	51	WG	2.5	oz/a	PRE	A	98	99	87	98	99
4	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
4	Clarity	4	L	16	fl oz/a	PRE	A					
4	Surfactant		L	0.25	% v/v	PRE	A					
4	Cobra	2	L	12.5	fl oz/a	POST	B					
4	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
4	Clarity	4	L	16	fl oz/a	POST	B					
4	Crop oil concentrate		L	0.25	% v/v	POST	B					
5	Untreated							0	0	0	0	0
6	Fierce	76	WG	3	oz/a	PRE	A	98	99	97	99	99
6	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
6	Clarity	4	L	16	fl oz/a	PRE	A					
6	Surfactant		L	0.25	% v/v	PRE	A					
6	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
6	Clarity	4	L	16	fl oz/a	POST	B					
6	Surfactant		L	0.25	% v/v	POST	B					
7	Fierce	76	WG	3	oz/a	PRE	A	99	99	94	99	99
7	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
7	Clarity	4	L	16	fl oz/a	PRE	A					
7	Surfactant		L	0.25	% v/v	PRE	A					
7	Cobra	2	L	12.5	fl oz/a	POST	B					
7	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
7	Clarity	4	L	16	fl oz/a	POST	B					
7	Crop oil concentrate		L	0.25	% v/v	POST	B					
8	V-10404	3.02	L	30	fl oz/a	PRE	A	99	99	80	97	98
8	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
8	Surfactant		L	0.25	% v/v	PRE	A					
8	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
8	Clarity	4	L	16	fl oz/a	POST	B					
8	Crop oil concentrate		L	0.25	% v/v	POST	B					
LSD (P=.05)								1.5	0.0	16.6	1.7	1.0
CV								1.17	0.0	20.56	1.83	1.15

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

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Trial ID: NC01-15
 Conducted: Campus B-8

Study Dir.: Sprague and Powell
 Investigator: Christy Sprague

								AMBEL	ABUTH	ANGR	CHEAL	AMBEL
								control	control	control	control	control
								percent	percent	percent	percent	percent
								Jul/06/2015	Jul/06/2015	Jul/20/2015	Jul/20/2015	Jul/20/2015
								0 DA-B	0 DA-B	14 DA-B	14 DA-B	14 DA-B
								0	0	0	0	0
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code					
1	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A	0	0	97	99	99
1	Clarity	4	L	16	fl oz/a	PRE	A					
1	Surfactant		L	0.25	% v/v	PRE	A					
1	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
1	Clarity	4	L	16	fl oz/a	POST	B					
1	Surfactant		L	0.25	% v/v	POST	B					
2	Valor	51	WG	2.5	oz/a	PRE	A	99	99	93	99	99
2	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
2	Clarity	4	L	16	fl oz/a	PRE	A					
2	Surfactant		L	0.25	% v/v	PRE	A					
2	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
2	Clarity	4	L	16	fl oz/a	POST	B					
2	Surfactant		L	0.25	% v/v	POST	B					
3	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A	0	0	95	99	99
3	Clarity	4	L	16	fl oz/a	PRE	A					
3	Surfactant		L	0.25	% v/v	PRE	A					
3	Cobra	2	L	12.5	fl oz/a	POST	B					
3	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
3	Clarity	4	L	16	fl oz/a	POST	B					
3	Crop oil concentrate		L	0.25	% v/v	POST	B					
4	Valor	51	WG	2.5	oz/a	PRE	A	98	99	98	99	99
4	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
4	Clarity	4	L	16	fl oz/a	PRE	A					
4	Surfactant		L	0.25	% v/v	PRE	A					
4	Cobra	2	L	12.5	fl oz/a	POST	B					
4	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
4	Clarity	4	L	16	fl oz/a	POST	B					
4	Crop oil concentrate		L	0.25	% v/v	POST	B					
5	Untreated							0	0	0	0	0
6	Fierce	76	WG	3	oz/a	PRE	A	98	98	96	99	99
6	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
6	Clarity	4	L	16	fl oz/a	PRE	A					
6	Surfactant		L	0.25	% v/v	PRE	A					
6	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
6	Clarity	4	L	16	fl oz/a	POST	B					
6	Surfactant		L	0.25	% v/v	POST	B					
7	Fierce	76	WG	3	oz/a	PRE	A	99	98	98	99	99
7	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
7	Clarity	4	L	16	fl oz/a	PRE	A					
7	Surfactant		L	0.25	% v/v	PRE	A					
7	Cobra	2	L	12.5	fl oz/a	POST	B					
7	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
7	Clarity	4	L	16	fl oz/a	POST	B					
7	Crop oil concentrate		L	0.25	% v/v	POST	B					
8	V-10404	3.02	L	30	fl oz/a	PRE	A	87	98	94	99	99
8	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
8	Surfactant		L	0.25	% v/v	PRE	A					
8	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
8	Clarity	4	L	16	fl oz/a	POST	B					
8	Crop oil concentrate		L	0.25	% v/v	POST	B					
LSD (P=.05)								9.4	1.8	3.9	0.0	0.0
CV								10.65	1.96	3.16	0.0	0.0

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

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Trial ID: NC01-15
 Conducted: Campus B-8

Study Dir.: Sprague and Powell
 Investigator: Christy Sprague

								ABUTH	ANGR	CHEAL	AMBEL	ABUTH
Weed Code								control	control	control	control	control
Crop Code								percent	percent	percent	percent	percent
Rating Data Type								Jul/20/2015	Aug/03/2015	Aug/03/2015	Aug/03/2015	Aug/03/2015
Rating Unit								14 DA-B	28 DA-B	28 DA-B	28 DA-B	28 DA-B
Rating Date								0	0	0	0	0
Trt-Eval Interval												
# Subsamples, Dec.												
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
1	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A	99	74	74	83	69
1	Clarity	4	L	16	fl oz/a	PRE	A					
1	Surfactant		L	0.25	% v/v	PRE	A					
1	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
1	Clarity	4	L	16	fl oz/a	POST	B					
1	Surfactant		L	0.25	% v/v	POST	B					
2	Valor	51	WG	2.5	oz/a	PRE	A	99	79	76	83	76
2	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
2	Clarity	4	L	16	fl oz/a	PRE	A					
2	Surfactant		L	0.25	% v/v	PRE	A					
2	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
2	Clarity	4	L	16	fl oz/a	POST	B					
2	Surfactant		L	0.25	% v/v	POST	B					
3	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A	99	84	84	99	78
3	Clarity	4	L	16	fl oz/a	PRE	A					
3	Surfactant		L	0.25	% v/v	PRE	A					
3	Cobra	2	L	12.5	fl oz/a	POST	B					
3	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
3	Clarity	4	L	16	fl oz/a	POST	B					
3	Crop oil concentrate		L	0.25	% v/v	POST	B					
4	Valor	51	WG	2.5	oz/a	PRE	A	99	84	85	99	87
4	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
4	Clarity	4	L	16	fl oz/a	PRE	A					
4	Surfactant		L	0.25	% v/v	PRE	A					
4	Cobra	2	L	12.5	fl oz/a	POST	B					
4	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
4	Clarity	4	L	16	fl oz/a	POST	B					
4	Crop oil concentrate		L	0.25	% v/v	POST	B					
5	Untreated							0	0	0	0	0
6	Fierce	76	WG	3	oz/a	PRE	A	99	95	78	99	90
6	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
6	Clarity	4	L	16	fl oz/a	PRE	A					
6	Surfactant		L	0.25	% v/v	PRE	A					
6	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
6	Clarity	4	L	16	fl oz/a	POST	B					
6	Surfactant		L	0.25	% v/v	POST	B					
7	Fierce	76	WG	3	oz/a	PRE	A	99	98	78	99	91
7	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
7	Clarity	4	L	16	fl oz/a	PRE	A					
7	Surfactant		L	0.25	% v/v	PRE	A					
7	Cobra	2	L	12.5	fl oz/a	POST	B					
7	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
7	Clarity	4	L	16	fl oz/a	POST	B					
7	Crop oil concentrate		L	0.25	% v/v	POST	B					
8	V-10404	3.02	L	30	fl oz/a	PRE	A	99	92	80	99	91
8	Roundup PowerMax	4.5	SL	32	fl oz/a	PRE	A					
8	Surfactant		L	0.25	% v/v	PRE	A					
8	Roundup PowerMax	4.5	SL	32	fl oz/a	POST	B					
8	Clarity	4	L	16	fl oz/a	POST	B					
8	Crop oil concentrate		L	0.25	% v/v	POST	B					
LSD (P=.05)								0.7	7.6	6.7	2.2	6.9
CV								0.54	6.86	6.58	1.8	6.48

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