

Interaction of Winter Annual Weed Removal on Insects II

Trial ID: NTS01-08  
 Conducted: H5 Soils

Study Dir.: Barnett, Sprague, Di Fonzo  
 Investigator: Christy Sprague

Date Planted: 5/13/08  
 Variety: Asgrow 2107  
 Population: 210,000 seeds/Acre  
 Soil Type: Sandy loam  
 Plot Size: 10 X 35 FT

Row Spacing: 7.5 IN  
 No. of Reps: 3  
 % OM: 2.3  
 pH: 6.3  
 Design: RANDOMIZED COMPLETE BLOCK

Tillage: No-till into standing corn stubble  
 Fertilizer: none at planting

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1.	STEME	CHICKWEED, COMMON	STELLARIA MEDIA (L.)
2.	POAAN	ANNUAL BLUEGRASS	POA ANNUA
3.	THLAR	PENNYCRESS, FIELD	THLASPI ARVENSE L.
4.	VERPG	SPEEDWELL, PURSLANE	VERONICA PEREGRINA L.
5.	TAROF	DANDELION, COMMON	TARAXACUM OFFICINALE
6.	PLAMA	PLANTAIN, BROADLEAF	PLANTAGO MAJOR L.
7.	CAPBP	SHEPHERDSPURSE	CAPSELLA BURSA-PASTORIS (L.)
Crop	Code	Common Name	
1.	GLXMA	SOYBEAN	

Application Description

	A	B	C	D	E
Application Timing:	34 EPP	27 EPP	21 EPP	8 EPP	PRE
Date Treated:	4/8/08	4/15/08	4/21/08	5/5/08	5/13/08
Time Treated:	12:15 pm	5:45 pm	8:00 pm	3:45 pm	9:00 pm
% Cloud Cover:	100	0	30	60	10
Air Temp., Unit:	62 F	60 F	69 F	74 F	60 F
% Relative Humidity:	65	39	50	33	48
Wind Speed/Unit/Dir:	6 mph SE	7 mph NE	9 mph SE	7 mph W	S
Soil Temp., Unit:	49 F	50 F	61 F	67 F	60 F
Soil/Leaf Surface M:	2 5	2 5	3 5	5 5	5 5
Soil Moist (1=w 5=d):	2	2	3	5	4

Crop Stage at Each Application

	A	B	C	D	E
Crop Name:	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
Height (In.):	--	--	--	--	--
Stage (L):	--	--	--	--	--

Weed Stage at Each Application

	A	B	C	D	E
Weed 1 Name:	STEME	STEME	STEME	STEME	STEME
Height (In.):	.25	.5-1	1-3	3-6	6-10
Stage (L):	V-fl wr	V-fl wr	flowering	flowering	flowering
Weed 2 Name:	POAAN	POAAN	POAAN	POAAN	POAAN
Height (In.):	.5-2	1-2	1-3	3-5	4-6
Stage (L):	veg	veg	veg	fl wr	fl wr
Weed 3 Name:	THLAR	THLAR	THLAR	THLAR	THLAR
Height (In.):	--	.5-3 dia	2-4 dia	1-10 ht	8-14
Stage (L):	--	veg	veg-bolt	V-fl wr	FLWR
Weed 4 Name:	VERPG	VERPG	VERPG	VERPG	VERPG
Height (In.):	--	--	1-4 ht	2-5 ht	2-6
Stage (L):	--	--	veg	veg	fl wr
Weed 5 Name:	TAROF	TAROF	TAROF	TAROF	TAROF
Height (In.):	--	--	3-8 dia	3-5 dia	6-10
Stage (L):	--	--	veg	veg	fl wr
Weed 6 Name:	PLAMA	PLAMA	PLAMA	PLAMA	PLAMA
Height (In.):	--	--	2-3 dia	4-10 dia	4-8
Stage (L):	--	--	veg	veg	4-6
Weed 7 Name:	CAPBP	CAPBP	CAPBP	CAPBP	CAPBP
Height (In.):	--	--	2-4 dia	8-24 ht	12-16
Stage (L):	--	--	veg	fl wr	fl wr

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Weed Density (plants/sq. ft.)

	1	2	3	4	5
Date:	7/25/08	7/25/08	7/25/08	7/25/08	7/25/08
Weed Name:	ANGR	ABUTH	VERPG	TAROF	THLAR
Density:	0.67	0.17	0.17	0.33	0.17

Application Equipment

Appl	Sprayer Type	Speed MPH	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width	GPA	Carrier	PSI
A	Cub	3.8	AirMix	11003	25	20	120	19	water	27
B	Cub	3.8	AirMix	11003	25	20	120	19	water	27
C	Cub	3.8	AirMix	11003	25	20	120	19	water	27
D	Cub	3.8	AirMix	11003	25	20	120	19	water	27
E	Cub	3.8	AirMix	11003	25	20	120	19	water	27

Comments: 6/24/08: Roundup WeatherMax + AMS (22 oz + 17 lb/100 gal) applied to all treatments.

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								STEME	ERIST	THLAR	PLAMA
								control	control	control	control
								percent	percent	percent	percent
								5/12/08	5/12/08	5/12/08	5/12/08
								34 DA-A	34 DA-A	34 DA-A	34 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	Canopy EX		X					99	99	99	98
1	Classic	25	DF	2	oz/a	34 EPP	A				
1	Express	50	SG	0.3	oz/a	34 EPP	A				
1	Roundup WeatherMax	4.5	L	22	fl oz/a	34 EPP	A				
1	2,4-D Ester	3.8	L	1	pt/a	34 EPP	A				
1	AMS		DF	17	lb/100 gal	34 EPP	A				
2	Roundup WeatherMax	4.5	L	22	fl oz/a	34 EPP	A	83	99	99	80
2	2,4-D Ester	3.8	L	1	pt/a	34 EPP	A				
2	AMS		DF	17	lb/100 gal	34 EPP	A				
3	Untreated							0	0	0	0
4	Canopy EX		X					99	99	99	99
4	Classic	25	DF	2	oz/a	27 EPP	B				
4	Express	50	SG	0.3	oz/a	27 EPP	B				
4	Roundup WeatherMax	4.5	L	22	fl oz/a	27 EPP	B				
4	2,4-D Ester	3.8	L	1	pt/a	27 EPP	B				
4	AMS		DF	17	lb/100 gal	27 EPP	B				
5	Roundup WeatherMax	4.5	L	22	fl oz/a	27 EPP	B	99	99	99	97
5	2,4-D Ester	3.8	L	1	pt/a	27 EPP	B				
5	AMS		DF	17	lb/100 gal	27 EPP	B				
6	Canopy EX		X					99	99	99	99
6	Classic	25	DF	2	oz/a	21 EPP	C				
6	Express	50	SG	0.3	oz/a	21 EPP	C				
6	Roundup WeatherMax	4.5	L	22	fl oz/a	21 EPP	C				
6	2,4-D Ester	3.8	L	1	pt/a	21 EPP	C				
6	AMS		DF	17	lb/100 gal	21 EPP	C				
7	Roundup WeatherMax	4.5	L	22	fl oz/a	21 EPP	C	99	99	99	96
7	2,4-D Ester	3.8	L	1	pt/a	21 EPP	C				
7	AMS		DF	17	lb/100 gal	21 EPP	C				
8	Canopy EX		X					50	99	70	68
8	Classic	25	DF	2	oz/a	8 EPP	D				
8	Express	50	SG	0.3	oz/a	8 EPP	D				
8	Roundup WeatherMax	4.5	L	22	fl oz/a	8 EPP	D				
8	2,4-D Ester	3.8	L	1	pt/a	8 EPP	D				
8	AMS		DF	17	lb/100 gal	8 EPP	D				
9	Roundup WeatherMax	4.5	L	22	fl oz/a	8 EPP	D	50	99	80	85
9	2,4-D Ester	3.8	L	1	pt/a	8 EPP	D				
9	AMS		DF	17	lb/100 gal	8 EPP	D				
10	Classic	25	DF	2	oz/a	PRE	E	0	0	0	0
10	Roundup WeatherMax	4.5	L	22	fl oz/a	PRE	E				
10	AMS		DF	17	lb/100 gal	PRE	E				

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Weed Code	STEME	ERIST	THLAR	PLAMA
Crop Code				
Rating Data Type	control	control	control	control
Rating Unit	percent	percent	percent	percent
Rating Date	5/12/08	5/12/08	5/12/08	5/12/08
Trt-Eval Interval	34 DA-A	34 DA-A	34 DA-A	34 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
11	Roundup WeatherMax	4.5	L	22	fl oz/a	PRE	E	0	0	0	0
11	AMS		DF	17	lb/100 gal	PRE	E				
12	Untreated							0	0	0	0

LSD (P=.10)	15.5	0.0	7.6	10.4
Standard Deviation	11.1	0.0	5.4	7.4
CV	19.63	0.0	8.76	12.33

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								ANGR		THLAR	STEME
									GLXMA		
								control	injury	control	control
								percent	percent	percent	percent
								5/12/08	6/13/08	6/13/08	6/13/08
								34 DA-A	66 DA-A	66 DA-A	66 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	Canopy EX		X					90	0	99	99
1	Classic	25	DF	2	oz/a	34 EPP	A				
1	Express	50	SG	0.3	oz/a	34 EPP	A				
1	Roundup WeatherMax	4.5	L	22	fl oz/a	34 EPP	A				
1	2,4-D Ester	3.8	L	1	pt/a	34 EPP	A				
1	AMS		DF	17	lb/100 gal	34 EPP	A				
2	Roundup WeatherMax	4.5	L	22	fl oz/a	34 EPP	A	80	0	75	67
2	2,4-D Ester	3.8	L	1	pt/a	34 EPP	A				
2	AMS		DF	17	lb/100 gal	34 EPP	A				
3	Untreated							0	0	0	0
4	Canopy EX		X					99	0	99	99
4	Classic	25	DF	2	oz/a	27 EPP	B				
4	Express	50	SG	0.3	oz/a	27 EPP	B				
4	Roundup WeatherMax	4.5	L	22	fl oz/a	27 EPP	B				
4	2,4-D Ester	3.8	L	1	pt/a	27 EPP	B				
4	AMS		DF	17	lb/100 gal	27 EPP	B				
5	Roundup WeatherMax	4.5	L	22	fl oz/a	27 EPP	B	80	0	96	95
5	2,4-D Ester	3.8	L	1	pt/a	27 EPP	B				
5	AMS		DF	17	lb/100 gal	27 EPP	B				
6	Canopy EX		X					99	0	99	99
6	Classic	25	DF	2	oz/a	21 EPP	C				
6	Express	50	SG	0.3	oz/a	21 EPP	C				
6	Roundup WeatherMax	4.5	L	22	fl oz/a	21 EPP	C				
6	2,4-D Ester	3.8	L	1	pt/a	21 EPP	C				
6	AMS		DF	17	lb/100 gal	21 EPP	C				
7	Roundup WeatherMax	4.5	L	22	fl oz/a	21 EPP	C	91	0	93	96
7	2,4-D Ester	3.8	L	1	pt/a	21 EPP	C				
7	AMS		DF	17	lb/100 gal	21 EPP	C				
8	Canopy EX		X					76	0	99	99
8	Classic	25	DF	2	oz/a	8 EPP	D				
8	Express	50	SG	0.3	oz/a	8 EPP	D				
8	Roundup WeatherMax	4.5	L	22	fl oz/a	8 EPP	D				
8	2,4-D Ester	3.8	L	1	pt/a	8 EPP	D				
8	AMS		DF	17	lb/100 gal	8 EPP	D				
9	Roundup WeatherMax	4.5	L	22	fl oz/a	8 EPP	D	76	0	99	99
9	2,4-D Ester	3.8	L	1	pt/a	8 EPP	D				
9	AMS		DF	17	lb/100 gal	8 EPP	D				
10	Classic	25	DF	2	oz/a	PRE	E	33	0	99	98
10	Roundup WeatherMax	4.5	L	22	fl oz/a	PRE	E				
10	AMS		DF	17	lb/100 gal	PRE	E				

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Weed Code	ANGR	THLAR	STEME
Crop Code	GLXMA		
Rating Data Type	control	injury	control
Rating Unit	percent	percent	percent
Rating Date	5/12/08	6/13/08	6/13/08
Trt-Eval Interval	34 DA-A	66 DA-A	66 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	ANGR	GLXMA	THLAR	STEME
11	Roundup WeatherMax	4.5	L	22	fl oz/a	PRE	E	33	0	96	99
11	AMS		DF	17	lb/100 gal	PRE	E				
12	Untreated							33	0	0	0
LSD (P=.10)								41.9	0.0	13.0	13.1
Standard Deviation								29.9	0.0	9.3	9.4
CV								45.48	0.0	11.66	11.84

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Weed Code	AMBEL	CHEAL	PLALA	ANGR
Crop Code				
Rating Data Type	control	control	control	control
Rating Unit	percent	percent	percent	percent
Rating Date	6/13/08	6/13/08	6/13/08	6/13/08
Trt-Eval Interval	66 DA-A	66 DA-A	66 DA-A	66 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	AMBEL	CHEAL	PLALA	ANGR
1	Canopy EX		X					99	99	86	78
1	Classic	25	DF	2	oz/a	34 EPP	A				
1	Express	50	SG	0.3	oz/a	34 EPP	A				
1	Roundup WeatherMax	4.5	L	22	fl oz/a	34 EPP	A				
1	2,4-D Ester	3.8	L	1	pt/a	34 EPP	A				
1	AMS		DF	17	lb/100 gal	34 EPP	A				
2	Roundup WeatherMax	4.5	L	22	fl oz/a	34 EPP	A	33	45	63	12
2	2,4-D Ester	3.8	L	1	pt/a	34 EPP	A				
2	AMS		DF	17	lb/100 gal	34 EPP	A				
3	Untreated							0	0	0	0
4	Canopy EX		X					99	99	99	87
4	Classic	25	DF	2	oz/a	27 EPP	B				
4	Express	50	SG	0.3	oz/a	27 EPP	B				
4	Roundup WeatherMax	4.5	L	22	fl oz/a	27 EPP	B				
4	2,4-D Ester	3.8	L	1	pt/a	27 EPP	B				
4	AMS		DF	17	lb/100 gal	27 EPP	B				
5	Roundup WeatherMax	4.5	L	22	fl oz/a	27 EPP	B	55	92	89	47
5	2,4-D Ester	3.8	L	1	pt/a	27 EPP	B				
5	AMS		DF	17	lb/100 gal	27 EPP	B				
6	Canopy EX		X					98	99	99	87
6	Classic	25	DF	2	oz/a	21 EPP	C				
6	Express	50	SG	0.3	oz/a	21 EPP	C				
6	Roundup WeatherMax	4.5	L	22	fl oz/a	21 EPP	C				
6	2,4-D Ester	3.8	L	1	pt/a	21 EPP	C				
6	AMS		DF	17	lb/100 gal	21 EPP	C				
7	Roundup WeatherMax	4.5	L	22	fl oz/a	21 EPP	C	88	93	99	38
7	2,4-D Ester	3.8	L	1	pt/a	21 EPP	C				
7	AMS		DF	17	lb/100 gal	21 EPP	C				
8	Canopy EX		X					99	99	99	97
8	Classic	25	DF	2	oz/a	8 EPP	D				
8	Express	50	SG	0.3	oz/a	8 EPP	D				
8	Roundup WeatherMax	4.5	L	22	fl oz/a	8 EPP	D				
8	2,4-D Ester	3.8	L	1	pt/a	8 EPP	D				
8	AMS		DF	17	lb/100 gal	8 EPP	D				
9	Roundup WeatherMax	4.5	L	22	fl oz/a	8 EPP	D	95	98	99	84
9	2,4-D Ester	3.8	L	1	pt/a	8 EPP	D				
9	AMS		DF	17	lb/100 gal	8 EPP	D				
10	Classic	25	DF	2	oz/a	PRE	E	99	96	99	96
10	Roundup WeatherMax	4.5	L	22	fl oz/a	PRE	E				
10	AMS		DF	17	lb/100 gal	PRE	E				

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Weed Code	AMBEL	CHEAL	PLALA	ANGR
Crop Code				
Rating Data Type	control	control	control	control
Rating Unit	percent	percent	percent	percent
Rating Date	6/13/08	6/13/08	6/13/08	6/13/08
Trt-Eval Interval	66 DA-A	66 DA-A	66 DA-A	66 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
11	Roundup WeatherMax	4.5	L	22	fl oz/a	PRE	E	95	95	98	78
11	AMS		DF	17	lb/100 gal	PRE	E				
12	Untreated							0	0	0	0
LSD (P=.10)								12.2	19.4	15.1	22.6
Standard Deviation								8.7	13.9	10.8	16.1
CV								12.1	18.19	13.89	27.42



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								POANN		ANGR	CHEAL
									GLXMA		
								control	injury	control	control
								percent	percent	percent	percent
								6/13/08	7/11/08	7/11/08	7/11/08
								66 DA-A	94 DA-A	94 DA-A	94 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	Canopy EX		X					99	2	96	99
1	Classic	25	DF	2	oz/a	34 EPP	A				
1	Express	50	SG	0.3	oz/a	34 EPP	A				
1	Roundup WeatherMax	4.5	L	22	fl oz/a	34 EPP	A				
1	2,4-D Ester	3.8	L	1	pt/a	34 EPP	A				
1	AMS		DF	17	lb/100 gal	34 EPP	A				
2	Roundup WeatherMax	4.5	L	22	fl oz/a	34 EPP	A	70	7	97	96
2	2,4-D Ester	3.8	L	1	pt/a	34 EPP	A				
2	AMS		DF	17	lb/100 gal	34 EPP	A				
3	Untreated							0	13	97	99
4	Canopy EX		X					98	5	94	99
4	Classic	25	DF	2	oz/a	27 EPP	B				
4	Express	50	SG	0.3	oz/a	27 EPP	B				
4	Roundup WeatherMax	4.5	L	22	fl oz/a	27 EPP	B				
4	2,4-D Ester	3.8	L	1	pt/a	27 EPP	B				
4	AMS		DF	17	lb/100 gal	27 EPP	B				
5	Roundup WeatherMax	4.5	L	22	fl oz/a	27 EPP	B	68	0	98	99
5	2,4-D Ester	3.8	L	1	pt/a	27 EPP	B				
5	AMS		DF	17	lb/100 gal	27 EPP	B				
6	Canopy EX		X					99	7	96	99
6	Classic	25	DF	2	oz/a	21 EPP	C				
6	Express	50	SG	0.3	oz/a	21 EPP	C				
6	Roundup WeatherMax	4.5	L	22	fl oz/a	21 EPP	C				
6	2,4-D Ester	3.8	L	1	pt/a	21 EPP	C				
6	AMS		DF	17	lb/100 gal	21 EPP	C				
7	Roundup WeatherMax	4.5	L	22	fl oz/a	21 EPP	C	93	3	97	99
7	2,4-D Ester	3.8	L	1	pt/a	21 EPP	C				
7	AMS		DF	17	lb/100 gal	21 EPP	C				
8	Canopy EX		X					99	33	97	99
8	Classic	25	DF	2	oz/a	8 EPP	D				
8	Express	50	SG	0.3	oz/a	8 EPP	D				
8	Roundup WeatherMax	4.5	L	22	fl oz/a	8 EPP	D				
8	2,4-D Ester	3.8	L	1	pt/a	8 EPP	D				
8	AMS		DF	17	lb/100 gal	8 EPP	D				
9	Roundup WeatherMax	4.5	L	22	fl oz/a	8 EPP	D	99	0	95	99
9	2,4-D Ester	3.8	L	1	pt/a	8 EPP	D				
9	AMS		DF	17	lb/100 gal	8 EPP	D				
10	Classic	25	DF	2	oz/a	PRE	E	99	20	96	99
10	Roundup WeatherMax	4.5	L	22	fl oz/a	PRE	E				
10	AMS		DF	17	lb/100 gal	PRE	E				

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Crop Code									GLXMA		
Rating Data Type								control	injury	control	control
Rating Unit								percent	percent	percent	percent
Rating Date								6/13/08	7/11/08	7/11/08	7/11/08
Trt-Eval Interval								66 DA-A	94 DA-A	94 DA-A	94 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
11	Roundup WeatherMax	4.5	L	22	fl oz/a	PRE	E	88	3	98	99
11	AMS		DF	17	lb/100 gal	PRE	E				
12	Untreated							0	17	98	96
LSD (P=.10)								25.3	11.6	3.0	2.8
Standard Deviation								18.1	8.3	2.1	2.0
CV								23.78	90.2	2.21	2.05

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								AMARE	AMBEL	GLXMA	GLXMA
								control	control	moisture	YIELD
								percent	percent	percent	bu/acre
								7/11/08	7/11/08	10/20/08	10/20/08
								94 DA-A	94 DA-A	195 DA-A	at 13% M
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	Canopy EX		X					96	99	12.3	35.7
1	Classic	25	DF	2	oz/a	34 EPP	A				
1	Express	50	SG	0.3	oz/a	34 EPP	A				
1	Roundup WeatherMax	4.5	L	22	fl oz/a	34 EPP	A				
1	2,4-D Ester	3.8	L	1	pt/a	34 EPP	A				
1	AMS		DF	17	lb/100 gal	34 EPP	A				
2	Roundup WeatherMax	4.5	L	22	fl oz/a	34 EPP	A	99	95	12.3	39.7
2	2,4-D Ester	3.8	L	1	pt/a	34 EPP	A				
2	AMS		DF	17	lb/100 gal	34 EPP	A				
3	Untreated							99	99	12.4	25.7
4	Canopy EX		X					99	99	12.4	40.6
4	Classic	25	DF	2	oz/a	27 EPP	B				
4	Express	50	SG	0.3	oz/a	27 EPP	B				
4	Roundup WeatherMax	4.5	L	22	fl oz/a	27 EPP	B				
4	2,4-D Ester	3.8	L	1	pt/a	27 EPP	B				
4	AMS		DF	17	lb/100 gal	27 EPP	B				
5	Roundup WeatherMax	4.5	L	22	fl oz/a	27 EPP	B	99	99	12.2	44.9
5	2,4-D Ester	3.8	L	1	pt/a	27 EPP	B				
5	AMS		DF	17	lb/100 gal	27 EPP	B				
6	Canopy EX		X					99	99	12.3	40.4
6	Classic	25	DF	2	oz/a	21 EPP	C				
6	Express	50	SG	0.3	oz/a	21 EPP	C				
6	Roundup WeatherMax	4.5	L	22	fl oz/a	21 EPP	C				
6	2,4-D Ester	3.8	L	1	pt/a	21 EPP	C				
6	AMS		DF	17	lb/100 gal	21 EPP	C				
7	Roundup WeatherMax	4.5	L	22	fl oz/a	21 EPP	C	99	99	12.4	36.2
7	2,4-D Ester	3.8	L	1	pt/a	21 EPP	C				
7	AMS		DF	17	lb/100 gal	21 EPP	C				
8	Canopy EX		X					99	99	12.2	35.8
8	Classic	25	DF	2	oz/a	8 EPP	D				
8	Express	50	SG	0.3	oz/a	8 EPP	D				
8	Roundup WeatherMax	4.5	L	22	fl oz/a	8 EPP	D				
8	2,4-D Ester	3.8	L	1	pt/a	8 EPP	D				
8	AMS		DF	17	lb/100 gal	8 EPP	D				
9	Roundup WeatherMax	4.5	L	22	fl oz/a	8 EPP	D	99	99	12.2	43.7
9	2,4-D Ester	3.8	L	1	pt/a	8 EPP	D				
9	AMS		DF	17	lb/100 gal	8 EPP	D				
10	Classic	25	DF	2	oz/a	PRE	E	98	99	12.3	38.7
10	Roundup WeatherMax	4.5	L	22	fl oz/a	PRE	E				
10	AMS		DF	17	lb/100 gal	PRE	E				

**MSU Weed Science Research Program**

Interaction of Winter Annual Weed Removal on Insects II

Trial ID: NTS01-08  
 Conducted: H5 Soils

Study Dir.: Barnett, Sprague, Di Fonzo  
 Investigator: Christy Sprague

								AMARE	AMBEL	GLXMA	GLXMA
								control	control	moisture	YIELD
								percent	percent	percent	bu/acre
								7/11/08	7/11/08	10/20/08	10/20/08
								94 DA-A	94 DA-A	195 DA-A	at 13% M
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code				
11	Roundup WeatherMax	4.5	L	22	fl oz/a	PRE	E	99	98	12.3	42.0
11	AMS		DF	17	lb/100 gal	PRE	E				
12	Untreated							99	98	12.6	37.6
LSD (P=.10)								2.2	2.1	0.50	9.21
Standard Deviation								1.6	1.5	0.35	6.54
CV								1.57	1.56	2.86	17.02