

MSU Weed Science Research Program

Weed control programs in no-till soybean

Trial ID: NTS01-13 Study Dir.: Sprague, Powell
 Conducted: Campus C-13E Investigator: Christy Sprague

Date Planted: May/14/2013 **Row Spacing:** 7.5 IN
Variety: Pioneer 92Y51 **No. of Reps:** 4
Population: 200,000 seeds/A **% OM:** 4.2
Soil Type: Silt loam **pH:** 6.4
Plot Size: 10 X 30 FT **Design:** RANDOMIZED COMPLETE BLOCK

Tillage: No-till into standing corn stubble
Fertilizer: None

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1.	STEME	CHICKWEED, COMMON	STELLARIA MEDIA (L.)
2.	CHEAL	LAMBSQUARTERS, COMMON	CHENOPODIUM ALBUM L.
3.	ANGR	mainly foxtail species	SETARIA SP.
4.	AMBEL	RAGWEED, COMMON	AMBROSIA ARTEMISIIFOLIA L.
Crop	Code	Common Name	
1.	GLXMA	SOYBEAN	

Application Description

	A	B
Application Timing:	7EPP	POST
Date Treated:	May/07/2013	Jun/27/2013
Time Treated:	4:30 PM	10:00 AM
% Cloud Cover:	20	0
Air Temp., Unit:	79 F	83 F
% Relative Humidity:	34	62
Wind Speed/Unit/Dir:	8 mph E	1 mph NW
Soil Temp., Unit:	68 F	70 F
Soil/Leaf Surface M:	5 5	2 4
Soil Moist (1=w 5=d):	4	2

Crop Stage at Each Application

	A	B
Crop Name:	GLXMA	GLXMA
Height (In.):	-	11"
Stage (L):	-	V4

Weed Stage at Each Application

	A	B
Weed 1 Name:	STEME	STEME
Height (In.):	4-7"	-
Stage (L):	flower	-
Weed 2 Name:	CHEAL	CHEAL
Height (In.):	1"	4"
Stage (L):	4	16
Weed 3 Name:	ANGR	ANGR
Height (In.):	-	3"
Stage (L):	-	3
Weed 4 Name:	AMBEL	AMBEL
Height (In.):	-	5"
Stage (L):	-	12

Weed Density (plants/sq. ft.)

	1	2	3	4
Date:	Jul/11/2013	Jul/11/2013	Jul/11/2013	Jul/11/2013
Weed Name:	ANGR	CHEAL	AMBEL	STEME
Density:	<1	<1	2	<1

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	22"	20"	100"	19	water	35
B	Cub	3.8	AIXR	11003	26"	20"	120"	19	water	35

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Trial ID: NTS01-13 Study Dir.: Sprague, Powell
 Conducted: Campus C-13E Investigator: Christy Sprague

Weed Code	STEME	STEME	GLXMA	STEME
Crop Code				
Rating Data Type	control	control	injury	control
Rating Unit	percent	percent	percent	percent
Rating Date	May/14/2013	May/21/2013	Jun/26/2013	Jun/26/2013
Trt-Eval Interval	7 DA-A	14 DA-A	50 DA-A	50 DA-A
# Subsamples, Dec.	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Grow Stg	Appl Code	STEME	STEME	GLXMA	STEME
1	2,4-D Ester	4	L	1	pt/a	7 EPP	A	14	99	0	98
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP	A				
	AMS		WG	17	lb/100 gal	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST	B				
	AMS		WG	17	lb/100 gal	POST	B				
2	Valor	51	WG	2	oz/a	7 EPP	A	85	99	0	99
	2,4-D Ester	4	L	1	pt/a	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP	A				
	AMS		WG	17	lb/100 gal	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST	B				
	AMS		WG	17	lb/100 gal	POST	B				
3	Envive (3.5 oz/A)							84	99	0	99
	Classic (Premix)	25	WG	1.28	oz/a	7 EPP	A				
	Harmony SG (Premix)	50	WG	0.2	oz/a	7 EPP	A				
	Valor (Premix)	51	WG	2	oz/a	7 EPP	A				
	2,4-D Ester	4	L	1	pt/a	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP	A				
	AMS		WG	17	lb/100 gal	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST	B				
	AMS		WG	17	lb/100 gal	POST	B				
4	Trivence (8 oz/A)							85	99	0	99
	Classic (Premix)	25	WG	1.25	oz/a	7 EPP	A				
	Sencor (Premix)	75	WG	4.75	oz/a	7 EPP	A				
	Valor (Premix)	51	WG	2	oz/a	7 EPP	A				
	2,4-D Ester	4	L	1	pt/a	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP	A				
	AMS		WG	17	lb/100 gal	7 EPP	A				
5	Untreated							0	0	0	0
6	Trivence (8 oz/A)							88	99	0	99
	Classic (Premix)	25	WG	1.25	oz/a	7 EPP	A				
	Sencor (Premix)	75	WG	4.75	oz/a	7 EPP	A				
	Valor (Premix)	51	WG	2	oz/a	7 EPP	A				
	2,4-D Ester	4	L	1	pt/a	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP	A				
	AMS		WG	17	lb/100 gal	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST	B				
	AMS		WG	17	lb/100 gal	POST	B				
7	Verdict	5.57	L	5	fl oz/a	7 EPP	A	85	99	0	99
	Prowl H2O	3.8	L	2	pt/a	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP	A				
	MSO		L	1	% v/v	7 EPP	A				
	AMS		WG	17	lb/100 gal	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST	B				
	AMS		WG	17	lb/100 gal	POST	B				
8	OpTill	68	WG	2	oz/a	7 EPP	A	86	99	0	99
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP	A				
	MSO		L	1	% v/v	7 EPP	A				
	AMS		WG	17	lb/100 gal	7 EPP	A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST	B				
	AMS		WG	17	lb/100 gal	POST	B				

MSU Weed Science Research Program

Weed Code						STEME	STEME		STEME	
Crop Code						control	control	GLXMA	control	
Rating Data Type						percent	percent	injury	percent	
Rating Unit						May/14/2013	May/21/2013	Jun/26/2013	Jun/26/2013	
Rating Date						7 DA-A	14 DA-A	50 DA-A	50 DA-A	
Trt-Eval Interval						0	0	0	0	
# Subsamples, Dec.										
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code				
9	Optill PRO (co-pack)	68	WG	2 oz/a	7 EPP A		85	99	0	
	OpTill	68	WG	2 oz/a	7 EPP A					
	Outlook	6	L	10 fl oz/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	7 EPP A					
	MSO		L	1 % v/v	7 EPP A					
	AMS		WG	17 lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	POST B					
	AMS		WG	17 lb/100 gal	POST B					
10	Zidua	85	WG	2.5 oz/a	7 EPP A		85	99	0	
	Sharpen	2.85	L	1 fl oz/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	7 EPP A					
	MSO		L	1 % v/v	7 EPP A					
	AMS		WG	17 lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	POST B					
	AMS		WG	17 lb/100 gal	POST B					
11	Fierce	76	WG	3 oz/a	7 EPP A		85	99	0	
	2,4-D Ester	4	L	1 pt/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	7 EPP A					
	AMS		WG	17 lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	POST B					
	AMS		WG	17 lb/100 gal	POST B					
12	Boundary	6.5	L	1.5 pt/a	7 EPP A		85	99	0	
	2,4-D Ester	4	L	1 pt/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	7 EPP A					
	AMS		WG	17 lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	POST B					
	AMS		WG	17 lb/100 gal	POST B					
13	Canopy	75	WG	4 oz/a	7 EPP A		83	99	0	
	Cinch	7.64	L	1 pt/a	7 EPP A					
	2,4-D Ester	4	L	1 pt/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	7 EPP A					
	AMS		WG	17 lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	POST B					
	AMS		WG	17 lb/100 gal	POST B					
14	Prefix	5.29	L	2 pt/a	7 EPP A		31	99	0	
	2,4-D Ester	4	L	1 pt/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	7 EPP A					
	AMS		WG	17 lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22 fl oz/a	POST B					
	AMS		WG	17 lb/100 gal	POST B					
LSD (P=.05)							4.1	0.0	0.0	0.8
CV							4.06	0.0	0.0	0.58

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

MSU Weed Science Research Program

Weed Code							ANGR	CHEAL	AMBEL	GLXMA	STEME
Crop Code											
Rating Data Type							control	control	control	injury	control
Rating Unit							percent	percent	percent	percent	percent
Rating Date							Jun/26/2013	Jun/26/2013	Jun/26/2013	Jul/11/2013	Jul/11/2013
Trt-Eval Interval							50 DA-A	50 DA-A	50 DA-A	14 DA-B	14 DA-B
# Subsamples, Dec.							0	0	0	0	0
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Grow Stg	Appl Code				
1	2,4-D Ester	4	L	1	pt/a	7 EPP A	0	0	0	0	99
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A					
	AMS		WG	17	lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B					
	AMS		WG	17	lb/100 gal	POST B					
2	Valor	51	WG	2	oz/a	7 EPP A	96	99	94	0	99
	2,4-D Ester	4	L	1	pt/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A					
	AMS		WG	17	lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B					
	AMS		WG	17	lb/100 gal	POST B					
3	Envive (3.5 oz/A)						99	99	99	0	99
	Classic (Premix)	25	WG	1.28	oz/a	7 EPP A					
	Harmony SG (Premix)	50	WG	0.2	oz/a	7 EPP A					
	Valor (Premix)	51	WG	2	oz/a	7 EPP A					
	2,4-D Ester	4	L	1	pt/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A					
	AMS		WG	17	lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B					
	AMS		WG	17	lb/100 gal	POST B					
4	Trivence (8 oz/A)						99	99	99	0	99
	Classic (Premix)	25	WG	1.25	oz/a	7 EPP A					
	Sencor (Premix)	75	WG	4.75	oz/a	7 EPP A					
	Valor (Premix)	51	WG	2	oz/a	7 EPP A					
	2,4-D Ester	4	L	1	pt/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A					
	AMS		WG	17	lb/100 gal	7 EPP A					
5	Untreated						0	0	0	0	0
6	Trivence (8 oz/A)						99	99	99	0	99
	Classic (Premix)	25	WG	1.25	oz/a	7 EPP A					
	Sencor (Premix)	75	WG	4.75	oz/a	7 EPP A					
	Valor (Premix)	51	WG	2	oz/a	7 EPP A					
	2,4-D Ester	4	L	1	pt/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A					
	AMS		WG	17	lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B					
	AMS		WG	17	lb/100 gal	POST B					
7	Verdict	5.57	L	5	fl oz/a	7 EPP A	97	99	94	0	99
	Prowl H2O	3.8	L	2	pt/a	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A					
	MSO		L	1	% v/v	7 EPP A					
	AMS		WG	17	lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B					
	AMS		WG	17	lb/100 gal	POST B					
8	OpTill	68	WG	2	oz/a	7 EPP A	98	99	99	0	99
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A					
	MSO		L	1	% v/v	7 EPP A					
	AMS		WG	17	lb/100 gal	7 EPP A					
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B					
	AMS		WG	17	lb/100 gal	POST B					

MSU Weed Science Research Program

Weed Code						ANGR	CHEAL	AMBEL	GLXMA	STEME
Crop Code										
Rating Data Type						control	control	control	injury	control
Rating Unit						percent	percent	percent	percent	percent
Rating Date						Jun/26/2013	Jun/26/2013	Jun/26/2013	Jul/11/2013	Jul/11/2013
Trt-Eval Interval						50 DA-A	50 DA-A	50 DA-A	14 DA-B	14 DA-B
# Subsamples, Dec.						0	0	0	0	0
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl Code			
9	Optill PRO (co-pack)	68	WG	2	oz/a	7 EPP A		99	99	97
	OpTill	68	WG	2	oz/a	7 EPP A				0
	Outlook	6	L	10	fl oz/a	7 EPP A				99
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				
	MSO		L	1	% v/v	7 EPP A				
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
10	Zidua	85	WG	2.5	oz/a	7 EPP A		99	99	99
	Sharpen	2.85	L	1	fl oz/a	7 EPP A				0
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				99
	MSO		L	1	% v/v	7 EPP A				
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
11	Fierce	76	WG	3	oz/a	7 EPP A		99	99	96
	2,4-D Ester	4	L	1	pt/a	7 EPP A				0
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				99
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
12	Boundary	6.5	L	1.5	pt/a	7 EPP A		99	94	92
	2,4-D Ester	4	L	1	pt/a	7 EPP A				0
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				99
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
13	Canopy	75	WG	4	oz/a	7 EPP A		99	99	94
	Cinch	7.64	L	1	pt/a	7 EPP A				0
	2,4-D Ester	4	L	1	pt/a	7 EPP A				99
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
14	Prefix	5.29	L	2	pt/a	7 EPP A		99	99	99
	2,4-D Ester	4	L	1	pt/a	7 EPP A				0
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				99
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
LSD (P=.05)						2.6	3.6	7.3	0.0	0.0
CV						2.16	3.0	6.16	0.0	0.0

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

MSU Weed Science Research Program

Weed Code		ANGR	CHEAL	AMBEL	GLXMA	GLXMA						
Crop Code					moisture	yield						
Rating Data Type		control	control	control	percent	bu/acre						
Rating Unit		percent	percent	percent								
Rating Date		Jul/11/2013	Jul/11/2013	Jul/11/2013	Oct/11/2013	Oct/11/2013						
Trt-Eval Interval		14 DA-B	14 DA-B	14 DA-B	106 DA-B	at 13% M						
# Subsamples, Dec.		0	0	0	1	1						
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl Code					
1	2,4-D Ester	4	L	1	pt/a	7 EPP A		98	99	99	11.2	74.6
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A						
	AMS		WG	17	lb/100 gal	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B						
	AMS		WG	17	lb/100 gal	POST B						
2	Valor	51	WG	2	oz/a	7 EPP A		99	99	99	11.2	74.1
	2,4-D Ester	4	L	1	pt/a	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A						
	AMS		WG	17	lb/100 gal	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B						
	AMS		WG	17	lb/100 gal	POST B						
3	Envive (3.5 oz/A)							99	99	99	11.1	74.6
	Classic (Premix)	25	WG	1.28	oz/a	7 EPP A						
	Harmony SG (Premix)	50	WG	0.2	oz/a	7 EPP A						
	Valor (Premix)	51	WG	2	oz/a	7 EPP A						
	2,4-D Ester	4	L	1	pt/a	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A						
	AMS		WG	17	lb/100 gal	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B						
	AMS		WG	17	lb/100 gal	POST B						
4	Trivence (8 oz/A)							89	99	96	11.1	76.1
	Classic (Premix)	25	WG	1.25	oz/a	7 EPP A						
	Sencor (Premix)	75	WG	4.75	oz/a	7 EPP A						
	Valor (Premix)	51	WG	2	oz/a	7 EPP A						
	2,4-D Ester	4	L	1	pt/a	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A						
	AMS		WG	17	lb/100 gal	7 EPP A						
5	Untreated							0	0	0	11.5	53.4
6	Trivence (8 oz/A)							99	99	99	10.9	72.0
	Classic (Premix)	25	WG	1.25	oz/a	7 EPP A						
	Sencor (Premix)	75	WG	4.75	oz/a	7 EPP A						
	Valor (Premix)	51	WG	2	oz/a	7 EPP A						
	2,4-D Ester	4	L	1	pt/a	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A						
	AMS		WG	17	lb/100 gal	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B						
	AMS		WG	17	lb/100 gal	POST B						
7	Verdict	5.57	L	5	fl oz/a	7 EPP A		99	99	99	11.2	73.8
	Prowl H2O	3.8	L	2	pt/a	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A						
	MSO		L	1	% v/v	7 EPP A						
	AMS		WG	17	lb/100 gal	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B						
	AMS		WG	17	lb/100 gal	POST B						
8	OpTill	68	WG	2	oz/a	7 EPP A		99	99	99	11.2	75.2
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A						
	MSO		L	1	% v/v	7 EPP A						
	AMS		WG	17	lb/100 gal	7 EPP A						
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B						
	AMS		WG	17	lb/100 gal	POST B						

MSU Weed Science Research Program

Weed Code						ANGR	CHEAL	AMBEL	GLXMA	GLXMA
Crop Code									moisture	yield
Rating Data Type						control	control	control	percent	bu/acre
Rating Unit						percent	percent	percent		
Rating Date						Jul/11/2013	Jul/11/2013	Jul/11/2013	Oct/11/2013	Oct/11/2013
Trt-Eval Interval						14 DA-B	14 DA-B	14 DA-B	106 DA-B	at 13% M
# Subsamples, Dec.						0	0	0	1	1
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl Code			
9	Optill PRO (co-pack)							99	99	99
	OpTill	68	WG	2	oz/a	7 EPP A				10.9
	Outlook	6	L	10	fl oz/a	7 EPP A				76.7
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				
	MSO		L	1	% v/v	7 EPP A				
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
10	Zidua	85	WG	2.5	oz/a	7 EPP A		99	99	99
	Sharpen	2.85	L	1	fl oz/a	7 EPP A				10.9
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				74.6
	MSO		L	1	% v/v	7 EPP A				
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
11	Fierce	76	WG	3	oz/a	7 EPP A		99	99	99
	2,4-D Ester	4	L	1	pt/a	7 EPP A				10.9
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				73.6
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
12	Boundary	6.5	L	1.5	pt/a	7 EPP A		99	99	99
	2,4-D Ester	4	L	1	pt/a	7 EPP A				11.1
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				72.5
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
13	Canopy	75	WG	4	oz/a	7 EPP A		99	99	99
	Cinch	7.64	L	1	pt/a	7 EPP A				11.0
	2,4-D Ester	4	L	1	pt/a	7 EPP A				74.7
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
14	Prefix	5.29	L	2	pt/a	7 EPP A		99	99	99
	2,4-D Ester	4	L	1	pt/a	7 EPP A				10.8
	Roundup PowerMax	4.5	SL	22	fl oz/a	7 EPP A				76.5
	AMS		WG	17	lb/100 gal	7 EPP A				
	Roundup PowerMax	4.5	SL	22	fl oz/a	POST B				
	AMS		WG	17	lb/100 gal	POST B				
LSD (P=.05)						3.9	0.0	2.7	0.33	5.43
CV						3.01	0.0	2.04	2.1	5.2

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