

MSU Weed Science Research Program

Weed control programs in non-GMO soybean

Trial ID: SOY05-11 Study Dir.: Sprague, Powell
Conducted: C-14W Crops Investigator: Christy Sprague

Date Planted: 5/10/2011 Row Spacing: 30 IN
Variety: Pioneer 92M61 No. of Reps: 4
Population: 155,000 % OM: 2.8
Soil Type: Silt Loam pH: 6.8
Plot Size: 10 X 30 FT Design: RANDOMIZED COMPLETE BLOCK

Tillage: Fallow 2010- Installed tile drainage, spring soil finish.
Fertilizer: None.

Crop and Weed Description

Table with 4 columns: Weed, Code, Common Name, Scientific Name. Lists weeds 1-4 and crop 1 (GLXMA SOYBEAN).

Application Description

Table with 4 columns: Application Timing, A, B, C. Lists parameters like Date Treated, Time Treated, % Cloud Cover, etc.

Crop Stage at Each Application

Table with 4 columns: Crop Name, A, B, C. Lists Crop Name: GLXMA and Height/Stage for treatments A, B, C.

Weed Stage at Each Application

Table with 4 columns: Weed Name, A, B, C. Lists Weed 1-4 Name, Height (In.), and Stage (L) for treatments A, B, C.

Weed Density (plants/sq. ft.)

Table with 5 columns: Weed Name, 1, 2, 3, 4. Lists Weed Name: ANGR and Density for treatments 1-4.

Application Equipment

Table with 11 columns: Appl, Sprayer Type, Speed MPH, Nozzle Type, Nozzle Size, Nozzle Height, Nozzle Spacing, Boom Width, GPA, Carrier, PSI. Lists equipment for treatments A, B, C.

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Weed Code	ANGR	AMBEL	ABUTH	ANGR	CHEAL
Crop Code	GLXMA			GLXMA	
Rating Data Type	injury	control	control	injury	control
Rating Unit	percent	percent	percent	percent	percent
Rating Date	6/8/2011	6/8/2011	6/8/2011	6/27/2011	6/27/2011
Trt-Eval Interval	29 DA-A	29 DA-A	29 DA-A	48 DA-A	48 DA-A
# Subsamples, Dec.	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
1	Valor	51	WG	2.5	oz/a	PRE	A	34	96	94	99	2	79	99
1	Prowl H2O	3.8	L	2	pt/a	PRE	A							
2	Valor	51	WG	2.5	oz/a	PRE	A	31	96	95	99	0	80	99
2	Prowl H2O	3.8	L	2	pt/a	PRE	A							
2	Flexstar	1.88	L	12	fl oz/a	POST	B							
2	Select Max	0.97	L	9	fl oz/a	POST	B							
2	Herbimax (COC)		L	1	% v/v	POST	B							
3	Boundary	6.5	L	2.4	pt/a	PRE	A	30	99	98	99	3	99	99
4	Boundary	6.5	L	2.4	pt/a	PRE	A	30	99	98	99	5	98	99
4	Flexstar	1.88	L	12	fl oz/a	POST	B							
4	Herbimax (COC)		L	1	% v/v	POST	B							
5	Canopy	75	WG	4	oz/a	PRE	A	33	99	99	99	29	99	99
5	Prefix	5.29	L	2	pt/a	PRE	A							
6	Canopy	75	WG	4	oz/a	PRE	A	35	99	98	99	21	97	99
6	Prefix	5.29	L	2	pt/a	PRE	A							
6	Flexstar	1.88	L	1	pt/a	LPOS	C							
6	Select Max	0.97	L	9	fl oz/a	LPOS	C							
6	Herbimax (COC)		L	1	% v/v	LPOS	C							
7	Authority MTZ	45	WG	10	oz/a	PRE	A	38	99	98	99	28	94	99
7	Valor XLT	40.3	WG	3	oz/a	PRE	A							
8	Authority MTZ	45	WG	10	oz/a	PRE	A	48	99	99	99	35	95	99
8	Valor XLT	40.3	WG	3	oz/a	PRE	A							
8	Flexstar	1.88	L	1	pt/a	LPOS	C							
8	Select Max	0.97	L	9	fl oz/a	LPOS	C							
8	Herbimax (COC)		L	1	% v/v	LPOS	C							
9	Untreated						A	0	0	0	0	0	0	0
10	Valor XLT	40.3	WG	4	oz/a	PRE	A	36	99	98	99	24	87	99
10	Metribuzin	75	WG	4	oz/a	PRE	A							
11	Valor XLT	40.3	WG	4	oz/a	PRE	A	36	99	99	99	28	95	99
11	Metribuzin	75	WG	4	oz/a	PRE	A							
11	Flexstar	1.88	L	1	pt/a	LPOS	C							
11	Select Max	0.97	L	9	fl oz/a	LPOS	C							
11	Herbimax (COC)		L	1	% v/v	LPOS	C							
12	Canopy	75	WG	5.5	oz/a	PRE	A	31	99	98	99	23	96	99
12	IntRRo	4	L	2	qt/a	PRE	A							
13	Canopy	75	WG	5.5	oz/a	PRE	A	31	99	98	99	24	99	99
13	IntRRo	4	L	2	qt/a	PRE	A							
13	Flexstar	1.88	L	1	pt/a	LPOS	C							
13	Select Max	0.97	L	9	fl oz/a	LPOS	C							
13	Herbimax (COC)		L	1	% v/v	LPOS	C							
14	Python	80	WG	0.8	oz/a	PRE	A	41	99	99	99	29	99	99
14	Metribuzin	75	WG	8	oz/a	PRE	A							
14	Outlook	6	L	18	fl oz/a	PRE	A							

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Weed Code	ANGR	AMBEL	ABUTH	ANGR	CHEAL
Crop Code	GLXMA			GLXMA	
Rating Data Type	injury	control	control	injury	control
Rating Unit	percent	percent	percent	percent	percent
Rating Date	6/8/2011	6/8/2011	6/8/2011	6/27/2011	6/27/2011
Trt-Eval Interval	29 DA-A	29 DA-A	29 DA-A	48 DA-A	48 DA-A
# Subsamples, Dec.	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
15	Python	80	WG	0.8	oz/a	PRE	A	45	99	99	99	31	96	99
15	Metribuzin	75	WG	8	oz/a	PRE	A							
15	Outlook	6	L	18	fl oz/a	PRE	A							
15	Flexstar	1.88	L	1	pt/a	LPOS	C							
15	Select Max	0.97	L	9	fl oz/a	LPOS	C							
15	Herbimax (COC)		L	1	% v/v	LPOS	C							
16	Authority XL	70	WG	3.8	oz/a	PRE	A	30	99	99	99	16	99	99
16	Boundary	6.5	L	2	pt/a	PRE	A							
17	Authority XL	70	WG	3.8	oz/a	PRE	A	34	99	99	99	16	99	99
17	Boundary	6.5	L	2	pt/a	PRE	A							
17	Flexstar	1.88	L	1	pt/a	LPOS	C							
17	Herbimax (COC)		L	1	% v/v	LPOS	C							
18	Optill	68	WG	2	oz/a	PRE	A	30	99	96	99	6	99	99
18	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A							
19	Optill	68	WG	2	oz/a	PRE	A	25	99	93	99	11	99	99
19	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A							
19	Flexstar	1.88	L	1	pt/a	POST	B							
19	Herbimax (COC)		L	1	% v/v	POST	B							
20	Envive (3.5 oz)					PRE	A	40	99	97	99	13	80	99
20	Classic	25	WG	1.28	oz/a	PRE	A							
20	Harmony SG	50	WG	0.208	oz/a	PRE	A							
20	Valor	51	WG	2	oz/a	PRE	A							
20	Prowl H2O	3.8	L	2	pt/a	PRE	A							
21	Envive (3.5 oz)					PRE	A	38	99	98	99	21	90	99
21	Classic	25	WG	1.28	oz/a	PRE	A							
21	Harmony SG	50	WG	0.208	oz/a	PRE	A							
21	Valor	51	WG	2	oz/a	PRE	A							
21	Prowl H2O	3.8	L	2	pt/a	PRE	A							
21	Flexstar	1.88	L	12	fl oz/a	POST	B							
21	Select Max	0.97	L	9	fl oz/a	POST	B							
21	Herbimax (COC)		L	1	% v/v	POST	B							
22	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A	30	99	99	99	6	98	99
22	Linex	4	L	1	pt/a	PRE	A							
22	Metribuzin	75	WG	5	oz/a	PRE	A							
23	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A	31	99	98	99	2	99	99
23	Linex	4	L	1	pt/a	PRE	A							
23	Metribuzin	75	WG	5	oz/a	PRE	A							
23	Flexstar	1.88	L	1	pt/a	POST	B							
23	Herbimax (COC)		L	1	% v/v	POST	B							
24	Dual 8E	8	L	2	pt/a	PRE	A	24	99	96	99	4	99	99
24	Metribuzin	75	WG	6	oz/a	PRE	A							
24	Pursuit	2	L	4	fl oz/a	PRE	A							
25	Dual 8E	8	L	2	pt/a	PRE	A	24	99	98	99	6	98	99
25	Metribuzin	75	WG	6	oz/a	PRE	A							
25	Pursuit	2	L	4	fl oz/a	PRE	A							
25	Flexstar	1.88	L	1	pt/a	POST	B							
25	Herbimax (COC)		L	1	% v/v	POST	B							

LSD (P=.05)	8.4	1.7	2.5	0.0	8.5	5.1	0.0
Standard Deviation	6.0	1.2	1.8	0.0	6.0	3.6	0.0
CV	18.52	1.25	1.91	0.0	39.69	3.99	0.0

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Weed Code								AMBEL	ABUTH	GLXMA	GLXMA	ANGR	CHEAL	AMBEL
Crop Code														
Rating Data Type								control	control	injury	injury	control	control	control
Rating Unit								percent	percent	percent	percent	percent	percent	percent
Rating Date								6/27/2011	6/27/2011	7/6/2011	7/13/2011	7/13/2011	7/13/2011	7/13/2011
Trt-Eval Interval								48 DA-A	48 DA-A	9 DA-B	16 DA-B	16 DA-B	16 DA-B	16 DA-B
# Subsamples, Dec.								0	0	0	0	0	0	0
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
1	Valor	51	WG	2.5	oz/a	PRE	A	76	99	1	0	82	99	62
1	Prowl H2O	3.8	L	2	pt/a	PRE	A							
2	Valor	51	WG	2.5	oz/a	PRE	A	77	99	16	4	95	99	86
2	Prowl H2O	3.8	L	2	pt/a	PRE	A							
2	Flexstar	1.88	L	12	fl oz/a	POST	B							
2	Select Max	0.97	L	9	fl oz/a	POST	B							
2	Herbimax (COC)		L	1	% v/v	POST	B							
3	Boundary	6.5	L	2.4	pt/a	PRE	A	89	99	8	0	95	99	82
4	Boundary	6.5	L	2.4	pt/a	PRE	A	88	99	18	5	99	99	95
4	Flexstar	1.88	L	12	fl oz/a	POST	B							
4	Herbimax (COC)		L	1	% v/v	POST	B							
5	Canopy	75	WG	4	oz/a	PRE	A	98	99	24	25	98	99	96
5	Prefix	5.29	L	2	pt/a	PRE	A							
6	Canopy	75	WG	4	oz/a	PRE	A	92	99	18	26	98	99	99
6	Prefix	5.29	L	2	pt/a	PRE	A							
6	Flexstar	1.88	L	1	pt/a	LPOS	C							
6	Select Max	0.97	L	9	fl oz/a	LPOS	C							
6	Herbimax (COC)		L	1	% v/v	LPOS	C							
7	Authority MTZ	45	WG	10	oz/a	PRE	A	87	99	20	16	91	99	83
7	Valor XLT	40.3	WG	3	oz/a	PRE	A							
8	Authority MTZ	45	WG	10	oz/a	PRE	A	92	99	29	35	97	99	98
8	Valor XLT	40.3	WG	3	oz/a	PRE	A							
8	Flexstar	1.88	L	1	pt/a	LPOS	C							
8	Select Max	0.97	L	9	fl oz/a	LPOS	C							
8	Herbimax (COC)		L	1	% v/v	LPOS	C							
9	Untreated						A	0	0	0	0	0	0	0
10	Valor XLT	40.3	WG	4	oz/a	PRE	A	90	99	23	11	85	99	84
10	Metribuzin	75	WG	4	oz/a	PRE	A							
11	Valor XLT	40.3	WG	4	oz/a	PRE	A	95	99	29	33	94	99	99
11	Metribuzin	75	WG	4	oz/a	PRE	A							
11	Flexstar	1.88	L	1	pt/a	LPOS	C							
11	Select Max	0.97	L	9	fl oz/a	LPOS	C							
11	Herbimax (COC)		L	1	% v/v	LPOS	C							
12	Canopy	75	WG	5.5	oz/a	PRE	A	90	99	25	16	93	99	81
12	IntRRo	4	L	2	qt/a	PRE	A							
13	Canopy	75	WG	5.5	oz/a	PRE	A	92	99	23	29	98	99	99
13	IntRRo	4	L	2	qt/a	PRE	A							
13	Flexstar	1.88	L	1	pt/a	LPOS	C							
13	Select Max	0.97	L	9	fl oz/a	LPOS	C							
13	Herbimax (COC)		L	1	% v/v	LPOS	C							
14	Python	80	WG	0.8	oz/a	PRE	A	98	99	25	18	97	99	92
14	Metribuzin	75	WG	8	oz/a	PRE	A							
14	Outlook	6	L	18	fl oz/a	PRE	A							

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Weed Code	AMBEL	ABUTH	GLXMA	GLXMA	ANGR	CHEAL	AMBEL
Crop Code							
Rating Data Type	control	control	injury	injury	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent	percent
Rating Date	6/27/2011	6/27/2011	7/6/2011	7/13/2011	7/13/2011	7/13/2011	7/13/2011
Trt-Eval Interval	48 DA-A	48 DA-A	9 DA-B	16 DA-B	16 DA-B	16 DA-B	16 DA-B
# Subsamples, Dec.	0	0	0	0	0	0	0

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
15	Python	80	WG	0.8	oz/a	PRE	A	97	99	23	31	97	99	98
15	Metribuzin	75	WG	8	oz/a	PRE	A							
15	Outlook	6	L	18	fl oz/a	PRE	A							
15	Flexstar	1.88	L	1	pt/a	LPOS	C							
15	Select Max	0.97	L	9	fl oz/a	LPOS	C							
15	Herbimax (COC)		L	1	% v/v	LPOS	C							
16	Authority XL	70	WG	3.8	oz/a	PRE	A	92	99	20	5	99	99	85
16	Boundary	6.5	L	2	pt/a	PRE	A							
17	Authority XL	70	WG	3.8	oz/a	PRE	A	93	99	20	21	99	99	99
17	Boundary	6.5	L	2	pt/a	PRE	A							
17	Flexstar	1.88	L	1	pt/a	LPOS	C							
17	Herbimax (COC)		L	1	% v/v	LPOS	C							
18	Optill	68	WG	2	oz/a	PRE	A	82	99	8	0	99	99	70
18	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A							
19	Optill	68	WG	2	oz/a	PRE	A	78	99	22	10	99	99	88
19	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A							
19	Flexstar	1.88	L	1	pt/a	POST	B							
19	Herbimax (COC)		L	1	% v/v	POST	B							
20	Envive (3.5 oz)					PRE	A	82	99	16	4	80	99	71
20	Classic	25	WG	1.28	oz/a	PRE	A							
20	Harmony SG	50	WG	0.208	oz/a	PRE	A							
20	Valor	51	WG	2	oz/a	PRE	A							
20	Prowl H2O	3.8	L	2	pt/a	PRE	A							
21	Envive (3.5 oz)					PRE	A	84	99	28	16	99	99	87
21	Classic	25	WG	1.28	oz/a	PRE	A							
21	Harmony SG	50	WG	0.208	oz/a	PRE	A							
21	Valor	51	WG	2	oz/a	PRE	A							
21	Prowl H2O	3.8	L	2	pt/a	PRE	A							
21	Flexstar	1.88	L	12	fl oz/a	POST	B							
21	Select Max	0.97	L	9	fl oz/a	POST	B							
21	Herbimax (COC)		L	1	% v/v	POST	B							
22	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A	88	97	8	0	98	99	80
22	Linex	4	L	1	pt/a	PRE	A							
22	Metribuzin	75	WG	5	oz/a	PRE	A							
23	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A	83	99	18	5	98	99	91
23	Linex	4	L	1	pt/a	PRE	A							
23	Metribuzin	75	WG	5	oz/a	PRE	A							
23	Flexstar	1.88	L	1	pt/a	POST	B							
23	Herbimax (COC)		L	1	% v/v	POST	B							
24	Dual 8E	8	L	2	pt/a	PRE	A	86	99	11	0	98	99	79
24	Metribuzin	75	WG	6	oz/a	PRE	A							
24	Pursuit	2	L	4	fl oz/a	PRE	A							
25	Dual 8E	8	L	2	pt/a	PRE	A	90	99	19	8	98	99	97
25	Metribuzin	75	WG	6	oz/a	PRE	A							
25	Pursuit	2	L	4	fl oz/a	PRE	A							
25	Flexstar	1.88	L	1	pt/a	POST	B							
25	Herbimax (COC)		L	1	% v/v	POST	B							

LSD (P=.05)	6.9	1.3	7.7	8.9	4.1	0.0	7.4
Standard Deviation	4.9	0.9	5.4	6.3	2.9	0.0	5.2
CV	5.74	0.98	30.31	49.88	3.2	0.0	6.21

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Weed Code		ABUTH		ANGR		CHEAL		AMBEL		ABUTH		GLXMA		
Crop Code		GLXMA		control		control		control		control		yield		
Rating Data Type		injury		percent		percent		percent		percent		bu/acre		
Rating Unit		8/4/2011		8/4/2011		8/4/2011		8/4/2011		8/4/2011		11/1/2011		
Rating Date		7/13/2011		28 DA-C		28 DA-C		28 DA-C		28 DA-C		at 13% M		
Trt-Eval Interval		16 DA-B		28 DA-C		28 DA-C		28 DA-C		28 DA-C		1		
# Subsamples, Dec.		0		0		0		0		0		1		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code							
1	Valor	51	WG	2.5	oz/a	PRE	A	90	0	73	99	54	85	37.5
1	Prowl H2O	3.8	L	2	pt/a	PRE	A							
2	Valor	51	WG	2.5	oz/a	PRE	A	99	0	96	99	82	99	63.1
2	Prowl H2O	3.8	L	2	pt/a	PRE	A							
2	Flexstar	1.88	L	12	fl oz/a	POST	B							
2	Select Max	0.97	L	9	fl oz/a	POST	B							
2	Herbimax (COC)		L	1	% v/v	POST	B							
3	Boundary	6.5	L	2.4	pt/a	PRE	A	95	0	93	99	73	90	58.3
4	Boundary	6.5	L	2.4	pt/a	PRE	A	99	2	98	99	90	99	65.9
4	Flexstar	1.88	L	12	fl oz/a	POST	B							
4	Herbimax (COC)		L	1	% v/v	POST	B							
5	Canopy	75	WG	4	oz/a	PRE	A	99	6	98	99	94	99	60.4
5	Prefix	5.29	L	2	pt/a	PRE	A							
6	Canopy	75	WG	4	oz/a	PRE	A	99	5	99	99	98	99	65.0
6	Prefix	5.29	L	2	pt/a	PRE	A							
6	Flexstar	1.88	L	1	pt/a	LPOS	C							
6	Select Max	0.97	L	9	fl oz/a	LPOS	C							
6	Herbimax (COC)		L	1	% v/v	LPOS	C							
7	Authority MTZ	45	WG	10	oz/a	PRE	A	99	2	84	99	74	99	48.7
7	Valor XLT	40.3	WG	3	oz/a	PRE	A							
8	Authority MTZ	45	WG	10	oz/a	PRE	A	99	8	99	99	99	99	54.3
8	Valor XLT	40.3	WG	3	oz/a	PRE	A							
8	Flexstar	1.88	L	1	pt/a	LPOS	C							
8	Select Max	0.97	L	9	fl oz/a	LPOS	C							
8	Herbimax (COC)		L	1	% v/v	LPOS	C							
9	Untreated						A	0	0	0	0	0	0	7.4
10	Valor XLT	40.3	WG	4	oz/a	PRE	A	98	0	73	99	68	96	45.7
10	Metribuzin	75	WG	4	oz/a	PRE	A							
11	Valor XLT	40.3	WG	4	oz/a	PRE	A	99	7	96	99	99	99	57.6
11	Metribuzin	75	WG	4	oz/a	PRE	A							
11	Flexstar	1.88	L	1	pt/a	LPOS	C							
11	Select Max	0.97	L	9	fl oz/a	LPOS	C							
11	Herbimax (COC)		L	1	% v/v	LPOS	C							
12	Canopy	75	WG	5.5	oz/a	PRE	A	99	0	88	99	71	99	51.1
12	IntRRo	4	L	2	qt/a	PRE	A							
13	Canopy	75	WG	5.5	oz/a	PRE	A	99	2	99	99	98	99	59.1
13	IntRRo	4	L	2	qt/a	PRE	A							
13	Flexstar	1.88	L	1	pt/a	LPOS	C							
13	Select Max	0.97	L	9	fl oz/a	LPOS	C							
13	Herbimax (COC)		L	1	% v/v	LPOS	C							
14	Python	80	WG	0.8	oz/a	PRE	A	99	4	95	99	87	99	57.5
14	Metribuzin	75	WG	8	oz/a	PRE	A							
14	Outlook	6	L	18	fl oz/a	PRE	A							

MSU Weed Science Research Program

Weed control programs in non-GMO soybean

Trial ID: SOY05-11 Study Dir.: Sprague, Powell
 Conducted: C-14W Crops Investigator: Christy Sprague

Weed Code								ABUTH		ANGR	CHEAL	AMBEL	ABUTH		
Crop Code								control	GLXMA	control	control	control	control	GLXMA	
Rating Data Type								percent	injury	percent	percent	percent	percent	yield	
Rating Unit								7/13/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011	8/4/2011	11/1/2011	
Rating Date								16 DA-B	28 DA-C	28 DA-C	28 DA-C	28 DA-C	28 DA-C	at 13% M	
Trt-Eval Interval								0	0	0	0	0	0	1	
# Subsamples, Dec.															
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code								
15	Python	80	WG	0.8	oz/a	PRE	A	99	5	99	99	99	99	61.2	
15	Metribuzin	75	WG	8	oz/a	PRE	A								
15	Outlook	6	L	18	fl oz/a	PRE	A								
15	Flexstar	1.88	L	1	pt/a	LPOS	C								
15	Select Max	0.97	L	9	fl oz/a	LPOS	C								
15	Herbimax (COC)		L	1	% v/v	LPOS	C								
16	Authority XL	70	WG	3.8	oz/a	PRE	A	99	0	97	99	77	99	59.4	
16	Boundary	6.5	L	2	pt/a	PRE	A								
17	Authority XL	70	WG	3.8	oz/a	PRE	A	99	3	99	99	99	99	62.5	
17	Boundary	6.5	L	2	pt/a	PRE	A								
17	Flexstar	1.88	L	1	pt/a	LPOS	C								
17	Herbimax (COC)		L	1	% v/v	LPOS	C								
18	Optill	68	WG	2	oz/a	PRE	A	99	2	99	99	57	99	43.9	
18	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A								
19	Optill	68	WG	2	oz/a	PRE	A	99	0	91	99	77	99	59.7	
19	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A								
19	Flexstar	1.88	L	1	pt/a	POST	B								
19	Herbimax (COC)		L	1	% v/v	POST	B								
20	Envive (3.5 oz)					PRE	A	99	0	76	99	59	97	38.9	
20	Classic	25	WG	1.28	oz/a	PRE	A								
20	Harmony SG	50	WG	0.208	oz/a	PRE	A								
20	Valor	51	WG	2	oz/a	PRE	A								
20	Prowl H2O	3.8	L	2	pt/a	PRE	A								
21	Envive (3.5 oz)					PRE	A	99	3	97	99	81	99	56.6	
21	Classic	25	WG	1.28	oz/a	PRE	A								
21	Harmony SG	50	WG	0.208	oz/a	PRE	A								
21	Valor	51	WG	2	oz/a	PRE	A								
21	Prowl H2O	3.8	L	2	pt/a	PRE	A								
21	Flexstar	1.88	L	12	fl oz/a	POST	B								
21	Select Max	0.97	L	9	fl oz/a	POST	B								
21	Herbimax (COC)		L	1	% v/v	POST	B								
22	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A	97	0	93	99	70	87	54.9	
22	Linex	4	L	1	pt/a	PRE	A								
22	Metribuzin	75	WG	5	oz/a	PRE	A								
23	Dual II Magnum	7.64	L	1.33	pt/a	PRE	A	99	0	96	99	90	99	63.3	
23	Linex	4	L	1	pt/a	PRE	A								
23	Metribuzin	75	WG	5	oz/a	PRE	A								
23	Flexstar	1.88	L	1	pt/a	POST	B								
23	Herbimax (COC)		L	1	% v/v	POST	B								
24	Dual 8E	8	L	2	pt/a	PRE	A	99	0	96	99	67	99	52.5	
24	Metribuzin	75	WG	6	oz/a	PRE	A								
24	Pursuit	2	L	4	fl oz/a	PRE	A								
25	Dual 8E	8	L	2	pt/a	PRE	A	99	0	97	99	94	99	64.7	
25	Metribuzin	75	WG	6	oz/a	PRE	A								
25	Pursuit	2	L	4	fl oz/a	PRE	A								
25	Flexstar	1.88	L	1	pt/a	POST	B								
25	Herbimax (COC)		L	1	% v/v	POST	B								
LSD (P=.05)								2.4	4.6	9.0	0.0	12.2	4.2	9.26	
Standard Deviation								1.7	3.3	6.4	0.0	8.6	3.0	6.55	
CV								1.81	178.41	7.13	0.0	11.04	3.17	12.13	