

## MSU Weed Science Research Program

Replanted sugarbeet tolerance to Warrant

Trial ID: SB06-13  
Conducted: SVRECStudy Dir.: Sprague, Powell  
Investigator: Christy Sprague

<b>Date Planted:</b>	May/03/2013	<b>Row Spacing:</b>	30 IN
<b>Variety:</b>	HM-173RR	<b>No. of Reps:</b>	4
<b>Population:</b>	4 3/8" spacing	<b>% OM:</b>	3.2
<b>Soil Type:</b>	Clay loam	<b>pH:</b>	8.0
<b>Plot Size:</b>	10 X 30 FT	<b>Design:</b>	RANDOMIZED COMPLETE BLOCK

**Tillage:** Previous crop wheat. Fall moldboard plow. Spring field cultivate and soil finish.

Crop	Code	Common Name
1.	BETVU	BEET, SUGAR

**Application Description**

	A
<b>Application Timing:</b>	PRE
<b>Date Treated:</b>	May/02/2013
<b>Time Treated:</b>	6:15 PM
<b>% Cloud Cover:</b>	20
<b>Air Temp., Unit:</b>	80 F
<b>% Relative Humidity:</b>	45
<b>Wind Speed/Unit/Dir:</b>	7 mph NE
<b>Soil Temp., Unit:</b>	66 F
<b>Soil/Leaf Surface M:</b>	3 -
<b>Soil Moist (1=w 5=d):</b>	-

**Crop Stage at Each Application**

	A
<b>Crop Name:</b>	BETVU
<b>Height (In.):</b>	-
<b>Stage (L):</b>	-

**Application Equipment**

Appl	Sprayer	Speed	Nozzle	Nozzle	Nozzle	Nozzle	Boom				
	Type	MPH	Type	Size	Height	Spacing	Width	GPA	Carrier	PSI	
A	Cub	3.8	AirMix	11003	22"	20"	100"	19	water	28	

**Comments:** Sugarbeets were planted on:

At PRE - 5/3/13  
 1 week after - 5/8/13  
 2 weeks after - 5/16/13  
 3 weeks after - 5/25/13  
 4 weeks after - 5/31/13  
 5 weeks after - 6/8/13  
 6 weeks after - 6/13/13

visual injury was difficult to assess. Measurements of injury to beets are in the form of stand counts.

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Weed Code								
Crop Code						BETVU	BETVU	BETVU
Rating Data Type						stand count	stand count	stand count
Rating Unit						100' row	100' row	100' row
Rating Date						Jun/03/2013	Jun/27/2013	Jul/17/2013
Trt-Eval Interval						32 DA-A	56 DA-A	76 DA-A
# Subsamples, Dec.						0	0	0
								0
								1

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code				
1	Early Planting - PRE No PRE							233		212	18.3
2	Early Planting - PRE Warrant	3	L	3	pt/a	PRE	A	230		216	20.7
3	Early Planting - PRE Warrant	3	L	6	pt/a	PRE	A	216		208	22.8
4	Early Planting - PRE Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	220		213	22.2
5	Planting - 1 wk after No PRE							225		202	18.4
6	Planting - 1 wk after Warrant	3	L	3	pt/a	PRE	A	188		183	20.5
7	Planting - 1 wk after Warrant	3	L	6	pt/a	PRE	A	174		179	21.6
8	Planting - 1 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	195		186	20.0
9	Planting - 2 wk after No PRE							249		221	17.9
10	Planting - 2 wk after Warrant	3	L	3	pt/a	PRE	A	225		209	19.6
11	Planting - 2 wk after Warrant	3	L	6	pt/a	PRE	A	201		214	21.7
12	Planting - 2 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	225		209	20.4
13	Planting - 3 wk after No PRE								93	88	14.7
14	Planting - 3 wk after Warrant	3	L	3	pt/a	PRE	A		83	83	18.4
15	Planting - 3 wk after Warrant	3	L	6	pt/a	PRE	A		88	89	17.9
16	Planting - 3 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A		101	111	16.9
17	Planting - 4 wk after No PRE								193	179	17.4
18	Planting - 4 wk after Warrant	3	L	3	pt/a	PRE	A		185	187	18.5
19	Planting - 4 wk after Warrant	3	L	6	pt/a	PRE	A		170	175	19.4
20	Planting - 4 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A		172	170	18.5
21	Planting - 5 wk after No PRE								263	240	16.5
22	Planting - 5 wk after Warrant	3	L	3	pt/a	PRE	A		246	233	16.8
23	Planting - 5 wk after Warrant	3	L	6	pt/a	PRE	A		244	230	16.6
24	Planting - 5 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A		260	224	17.5
25	Planting - 6 wk after No PRE								237	226	13.7

## MSU Weed Science Research Program

Weed Code						
Crop Code						
Rating Data Type		BETVU	BETVU	BETVU	BETVU	BETVU
Rating Unit		stand count	stand count	stand count	stand count	yield
Rating Date		100' row	100' row	100' row	100' row	ton/acre
Trt-Eval Interval		Jun/03/2013	Jun/27/2013	Jul/17/2013	Sep/25/2013	Sep/25/2013
# Subsamples, Dec.		32 DA-A	56 DA-A	76 DA-A	146 DA-A	146 DA-A
		0	0	0	0	1

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code						
26	Planting - 6 wk after Warrant	3	L	3	pt/a	PRE	A		214	214	14.9		
27	Planting - 6 wk after Warrant	3	L	6	pt/a	PRE	A		190	189	15.7		
28	Planting - 6 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A		224	218	15.7		
LSD (P=.05)									20.9	21.6	19.5	24.5	2.88
CV									6.74	14.77	6.25	9.13	11.11

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

## MSU Weed Science Research Program

Weed Code										
Crop Code				BETVU	BETVU	BETVU				
Rating Data Type				% sugar	RWST	RWSA				
Rating Unit					# / ton	# / acre				
Rating Date				Sep/25/2013	Sep/25/2013	Sep/25/2013				
Trt-Eval Interval				146 DA-A	146 DA-A	146 DA-A				
# Subsamples, Dec.				1	0	0				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code			
1	Early Planting - PRE No PRE							20.0	303	6079
2	Early Planting - PRE Warrant	3	L	3	pt/a	PRE	A	20.1	304	6108
3	Early Planting - PRE Warrant	3	L	6	pt/a	PRE	A	20.8	313	6508
4	Early Planting - PRE Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	20.1	301	6032
5	Planting - 1 wk after No PRE							20.0	297	5956
6	Planting - 1 wk after Warrant	3	L	3	pt/a	PRE	A	20.1	299	6035
7	Planting - 1 wk after Warrant	3	L	6	pt/a	PRE	A	20.4	303	6171
8	Planting - 1 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	20.7	311	6453
9	Planting - 2 wk after No PRE							20.1	302	6087
10	Planting - 2 wk after Warrant	3	L	3	pt/a	PRE	A	19.7	292	5745
11	Planting - 2 wk after Warrant	3	L	6	pt/a	PRE	A	20.0	296	5919
12	Planting - 2 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	20.5	306	6270
13	Planting - 3 wk after No PRE							18.4	264	4875
14	Planting - 3 wk after Warrant	3	L	3	pt/a	PRE	A	18.7	269	5043
15	Planting - 3 wk after Warrant	3	L	6	pt/a	PRE	A	17.9	256	4596
16	Planting - 3 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	18.8	275	5177
17	Planting - 4 wk after No PRE							19.0	276	5246
18	Planting - 4 wk after Warrant	3	L	3	pt/a	PRE	A	18.5	270	5006
19	Planting - 4 wk after Warrant	3	L	6	pt/a	PRE	A	19.5	285	5557
20	Planting - 4 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	19.0	275	5236
21	Planting - 5 wk after No PRE							19.1	283	5412
22	Planting - 5 wk after Warrant	3	L	3	pt/a	PRE	A	19.3	284	5499
23	Planting - 5 wk after Warrant	3	L	6	pt/a	PRE	A	19.5	287	5609
24	Planting - 5 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	19.4	288	5595
25	Planting - 6 wk after No PRE							18.6	270	5020
26	Planting - 6 wk after Warrant	3	L	3	pt/a	PRE	A	18.8	273	5123
27	Planting - 6 wk after Warrant	3	L	6	pt/a	PRE	A	19.0	276	5240

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Weed Code								
Crop Code						BETVU	BETVU	BETVU
Rating Data Type						% sugar	RWST	RWSA
Rating Unit							# / ton	# / acre
Rating Date						Sep/25/2013	Sep/25/2013	Sep/25/2013
Trt-Eval Interval						146 DA-A	146 DA-A	146 DA-A
# Subsamples, Dec.						1	0	0
Trt No.	Treatment	Form	Form	Rate	Grow	Appl		
28	Planting - 6 wk after	Conc	Type	Rate	Unit	Stg	Code	
	Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	
							19.1	279
								5333
LSD (P=.05)							0.86	14.8
CV							3.13	3.64
								6.58

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

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Weed Code										
Crop Code						BETVU	BETVU	BETVU	BETVU	BETVU
Rating Data Type						stand count	stand count	stand count	stand count	yield
Rating Unit						100' row	100' row	100' row	100' row	ton/acre
Rating Date						Jun/03/2013	Jun/27/2013	Jul/17/2013	Sep/25/2013	Sep/25/2013
Trt-Eval Interval						32 DA-A	56 DA-A	76 DA-A	146 DA-A	146 DA-A
# Subsamples, Dec.						0	0	0	0	1

Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot		
1	Early Planting - PRE							151 240	.	.
	No PRE							254 227	.	.
								351 225	.	.
								454 238	.	.
	Mean =							233	.	.
2	Early Planting - PRE							152 240	.	.
	Warrant	3	L	3	pt/a	PRE	A	253 207	.	.
								352 250	.	.
								453 222	.	.
	Mean =							230	.	.
3	Early Planting - PRE							153 213	.	.
	Warrant	3	L	6	pt/a	PRE	A	252 203	.	.
								353 213	.	.
								452 235	.	.
	Mean =							216	.	.
4	Early Planting - PRE							154 223	.	.
	Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	251 195	.	.
								354 228	.	.
								451 233	.	.
	Mean =							220	.	.
5	Planting - 1 wk after							155 212	.	.
	No PRE							258 225	.	.
								355 245	.	.
								458 217	.	.
	Mean =							225	.	.
6	Planting - 1 wk after							156 180	.	.
	Warrant	3	L	3	pt/a	PRE	A	257 187	.	.
								356 200	.	.
								457 185	.	.
	Mean =							188	.	.
7	Planting - 1 wk after							157 147	.	.
	Warrant	3	L	6	pt/a	PRE	A	256 183	.	.
								357 180	.	.
								456 185	.	.
	Mean =							174	.	.
8	Planting - 1 wk after							158 182	.	.
	Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	255 218	.	.
								358 187	.	.
								455 192	.	.
	Mean =							195	.	.

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Weed Code	Crop Code	BETVU	BETVU	BETVU	BETVU	BETVU
Rating Data Type		stand count	stand count	stand count	stand count	yield
Rating Unit		100' row	100' row	100' row	100' row	ton/acre
Rating Date		Jun/03/2013	Jun/27/2013	Jul/17/2013	Sep/25/2013	Sep/25/2013
Trt-Eval Interval		32 DA-A	56 DA-A	76 DA-A	146 DA-A	146 DA-A
# Subsamples, Dec.		0	0	0	0	1
Trt Treatment	Form Form	Rate	Grow	Appl		
No. Name	Conc Type	Rate	Unit	Stg	Code	Plot
9 Planting - 2 wk after		159	247	.	.	202
No PRE		262	253	.	.	217
		359	252	.	.	242
		462	245	.	.	223
Mean =		249	.	.	.	221
10 Planting - 2 wk after		160	215	.	.	217
Warrant	3 L 3	261	217	.	.	221
		360	217	.	.	187
		461	253	.	.	212
Mean =		225	.	.	.	209
11 Planting - 2 wk after		161	223	.	.	240
Warrant	3 L 6	260	188	.	.	208
		361	200	.	.	198
		460	192	.	.	210
Mean =		201	.	.	.	214
12 Planting - 2 wk after		162	227	.	.	206
Dual II Magnum	7.62 L 1.33	259	228	.	.	233
		362	212	.	.	200
		459	235	.	.	198
Mean =		225	.	.	.	209
13 Planting - 3 wk after		163	.	118	.	115
No PRE		266	.	62	.	52
		363	.	103	.	96
		466	.	90	.	90
Mean =		.	.	93	.	88
14 Planting - 3 wk after		164	.	82	.	83
Warrant	3 L 3	265	.	77	.	85
		364	.	103	.	92
		465	.	72	.	73
Mean =		.	.	83	.	83
15 Planting - 3 wk after		165	.	97	.	96
Warrant	3 L 6	264	.	87	.	83
		365	.	95	.	102
		464	.	73	.	75
Mean =		.	.	88	.	89
16 Planting - 3 wk after		166	.	95	.	100
Dual II Magnum	7.62 L 1.33	263	.	107	.	102
		366	.	103	.	156
		463	.	98	.	85
Mean =		.	.	101	.	111

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Weed Code	Crop Code	BETVU	BETVU	BETVU	BETVU	BETVU
Rating Data Type		stand count	stand count	stand count	stand count	yield
Rating Unit		100' row	100' row	100' row	100' row	ton/acre
Rating Date		Jun/03/2013	Jun/27/2013	Jul/17/2013	Sep/25/2013	Sep/25/2013
Trt-Eval Interval		32 DA-A	56 DA-A	76 DA-A	146 DA-A	146 DA-A
# Subsamples, Dec.		0	0	0	0	1
Trt Treatment	Form Form	Rate	Grow	Appl		
No. Name	Conc Type	Rate Unit	Stg	Code	Plot	
17 Planting - 4 wk after						167 .
No PRE						270 .
						367 .
						470 .
Mean =						. .
18 Planting - 4 wk after						168 .
Warrant	3 L	3 pt/a	PRE	A		269 .
						368 .
						469 .
Mean =						. .
19 Planting - 4 wk after						169 .
Warrant	3 L	6 pt/a	PRE	A		268 .
						369 .
						468 .
Mean =						. .
20 Planting - 4 wk after						170 .
Dual II Magnum	7.62 L	1.33 pt/a	PRE	A		267 .
						370 .
						467 .
Mean =						. .
21 Planting - 5 wk after						171 .
No PRE						274 .
						371 .
						474 .
Mean =						. .
22 Planting - 5 wk after						172 .
Warrant	3 L	3 pt/a	PRE	A		273 .
						372 .
						473 .
Mean =						. .
23 Planting - 5 wk after						173 .
Warrant	3 L	6 pt/a	PRE	A		272 .
						373 .
						472 .
Mean =						. .
24 Planting - 5 wk after						174 .
Dual II Magnum	7.62 L	1.33 pt/a	PRE	A		271 .
						374 .
						471 .
Mean =						. .



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Crop Code	BETVU	BETVU	BETVU	BETVU	BETVU
Rating Data Type	stand count	stand count	stand count	stand count	yield
Rating Unit	100' row	100' row	100' row	100' row	ton/acre
Rating Date	Jun/03/2013	Jun/27/2013	Jul/17/2013	Sep/25/2013	Sep/25/2013
Trt-Eval Interval	32 DA-A	56 DA-A	76 DA-A	146 DA-A	146 DA-A
# Subsamples, Dec.	0	0	0	0	1
Trt Treatment	Form	Form	Rate	Grow	Appl
No. Name	Conc	Type	Rate	Unit	Stg Code Plot
25 Planting - 6 wk after					175 .
No PRE					278 .
					375 .
					478 .
Mean =					. .
26 Planting - 6 wk after					176 .
Warrant	3	L	3	pt/a	PRE A
					277 .
					376 .
					477 .
Mean =					. .
27 Planting - 6 wk after					177 .
Warrant	3	L	6	pt/a	PRE A
					276 .
					377 .
					476 .
Mean =					. .
28 Planting - 6 wk after					178 .
Dual II Magnum	7.62	L	1.33	pt/a	PRE A
					275 .
					378 .
					475 .
Mean =					. .
					190 189 15.7
					178 . 217 215 15.8
					275 . 233 212 15.4
					378 . 220 219 16.7
					475 . 227 227 14.7
Mean =					. . 224 218 15.7

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Weed Code	Crop Code	BETVU	BETVU	BETVU						
Rating Data Type		% sugar	RWST	RWSA						
Rating Unit			# / ton	# / acre						
Rating Date		Sep/25/2013	Sep/25/2013	Sep/25/2013						
Trt-Eval Interval		146 DA-A	146 DA-A	146 DA-A						
# Subsamples, Dec.		1	0	0						
Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot		
1	Early Planting - PRE							151 20.9	316	6593
	No PRE							254 20.0	307	6131
								351 20.2	306	6194
								454 19.0	284	5396
	Mean =							20.0	303	6079
2	Early Planting - PRE							152 20.0	302	6033
	Warrant	3	L	3	pt/a	PRE	A	253 20.9	314	6556
								352 19.1	293	5593
								453 20.3	307	6251
	Mean =							20.1	304	6108
3	Early Planting - PRE							153 20.3	305	6192
	Warrant	3	L	6	pt/a	PRE	A	252 20.8	307	6403
								353 20.9	316	6611
								452 21.2	322	6825
	Mean =							20.8	313	6508
4	Early Planting - PRE							154 20.1	304	6104
	Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	251 20.0	297	5941
								354 20.0	300	6008
								451 20.1	302	6074
	Mean =							20.1	301	6032
5	Planting - 1 wk after							155 20.0	292	5839
	No PRE							258 20.5	309	6333
								355 20.1	305	6126
								458 19.5	283	5524
	Mean =							20.0	297	5956
6	Planting - 1 wk after							156 18.9	280	5305
	Warrant	3	L	3	pt/a	PRE	A	257 20.6	307	6343
								356 20.5	309	6322
								457 20.5	302	6171
	Mean =							20.1	299	6035
7	Planting - 1 wk after							157 19.5	294	5722
	Warrant	3	L	6	pt/a	PRE	A	256 20.9	314	6548
								357 20.7	306	6338
								456 20.3	299	6078
	Mean =							20.4	303	6171
8	Planting - 1 wk after							158 20.4	310	6317
	Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	255 20.8	310	6461
								358 20.9	312	6527
								455 20.8	312	6508
	Mean =							20.7	311	6453

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Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	# Subsamples, Dec.	BETVU % sugar	BETVU RWST # / ton	BETVU RWSA # / acre
				Sep/25/2013	146 DA-A	1			
				Sep/25/2013	146 DA-A	0			
				Sep/25/2013	146 DA-A	0			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	
9	Planting - 2 wk after No PRE								
							159	20.3	302
							262	20.7	314
							359	19.9	300
							462	19.6	291
	Mean =							20.1	302
10	Planting - 2 wk after Warrant	3	L	3	pt/a	PRE	A		
							160	18.9	281
							261	19.9	299
							360	19.5	290
							461	20.3	299
	Mean =							19.7	292
11	Planting - 2 wk after Warrant	3	L	6	pt/a	PRE	A		
							161	19.6	289
							260	19.5	286
							361	20.7	310
							460	20.3	298
	Mean =							20.0	296
12	Planting - 2 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A		
							162	20.1	304
							259	20.0	297
							362	20.4	304
							459	21.4	319
	Mean =							20.5	306
13	Planting - 3 wk after No PRE								
							163	18.7	271
							266	18.2	257
							363	19.1	277
							466	17.7	252
	Mean =							18.4	264
14	Planting - 3 wk after Warrant	3	L	3	pt/a	PRE	A		
							164	18.1	258
							265	18.6	268
							364	19.3	282
							465	18.8	269
	Mean =							18.7	269
15	Planting - 3 wk after Warrant	3	L	6	pt/a	PRE	A		
							165	18.6	267
							264	18.3	262
							365	18.9	270
							464	15.7	223
	Mean =							17.9	256
16	Planting - 3 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A		
							166	18.4	268
							263	19.3	284
							366	18.6	269
							463	19.1	277
	Mean =							18.8	275

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Weed Code	Crop Code	BETVU % sugar	BETVU RWST # / ton	BETVU RWSA # / acre							
Rating Data Type	Rating Unit	Sep/25/2013	Sep/25/2013	Sep/25/2013							
Rating Date	Trt-Eval Interval	146 DA-A	146 DA-A	146 DA-A							
# Subsamples, Dec.		1	0	0							
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot			
17	Planting - 4 wk after No PRE								167 18.8	274	5157
									270 19.9	296	5904
									367 19.2	283	5428
									470 18.0	250	4495
	Mean =								19.0	276	5246
18	Planting - 4 wk after Warrant	3	L	3	pt/a	PRE	A		168 18.3	.	.
									269 18.3	265	4848
									368 19.9	290	5780
									469 17.3	254	4390
	Mean =								18.5	270	5006
19	Planting - 4 wk after Warrant	3	L	6	pt/a	PRE	A		169 19.4	284	5510
									268 19.4	287	5578
									369 20.3	297	6032
									468 18.8	271	5111
	Mean =								19.5	285	5557
20	Planting - 4 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A		170 18.9	277	5245
									267 19.1	279	5338
									370 18.8	270	5069
									467 19.3	275	5293
	Mean =								19.0	275	5236
21	Planting - 5 wk after No PRE								171 18.9	277	5237
									274 20.1	304	6126
									371 19.0	284	5403
									474 18.4	265	4884
	Mean =								19.1	283	5412
22	Planting - 5 wk after Warrant	3	L	3	pt/a	PRE	A		172 18.9	276	5217
									273 19.8	292	5799
									372 19.5	289	5634
									473 19.1	280	5347
	Mean =								19.3	284	5499
23	Planting - 5 wk after Warrant	3	L	6	pt/a	PRE	A		173 19.1	279	5327
									272 19.1	280	5361
									373 20.0	294	5877
									472 19.9	295	5872
	Mean =								19.5	287	5609
24	Planting - 5 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A		174 19.4	286	5540
									271 19.2	284	5456
									374 20.3	306	6204
									471 18.7	278	5179
	Mean =								19.4	288	5595

MSU Weed Science Research Program

Weed Code			
Crop Code	BETVU	BETVU	BETVU
Rating Data Type	% sugar	RWST	RWSA
Rating Unit		# / ton	# / acre
Rating Date	Sep/25/2013	Sep/25/2013	Sep/25/2013
Trt-Eval Interval	146 DA-A	146 DA-A	146 DA-A
# Subsamples, Dec.	1	0	0

Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot		
25	Planting - 6 wk after No PRE							175 18.3	261	4774
								278 18.7	274	5106
								375 18.8	273	5146
								478 18.7	271	5053
	Mean =							18.6	270	5020
26	Planting - 6 wk after Warrant	3	L	3	pt/a	PRE	A	176 19.1	280	5346
								277 18.9	273	5146
								376 18.9	278	5267
								477 18.1	261	4734
	Mean =							18.8	273	5123
27	Planting - 6 wk after Warrant	3	L	6	pt/a	PRE	A	177 18.8	275	5187
								276 18.6	268	4976
								377 19.8	290	5739
								476 18.6	272	5060
	Mean =							19.0	276	5240
28	Planting - 6 wk after Dual II Magnum	7.62	L	1.33	pt/a	PRE	A	178 20.1	300	6019
								275 19.0	278	5292
								378 18.8	272	5112
								475 18.4	267	4910
	Mean =							19.1	279	5333