

MSU Weed Science Research Program

COMMON LAMBSQUARTER CONTROL WITH GLYPHOSATE, 2010

Trial ID: S0110 Protocol ID: S0110
 Location: Campus, C-26 Study Director: Andy Chomas
 Project ID: Investigator: Wesley Everman

Pest Code	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL	CHEAL
Crop Code								
Rating Date	Jun-17-10	Jun-17-10	Jun-29-10	Jun-29-10	Jul-7-10	Jul-7-10	Jul-1-10	Jul-13-10
Rating Type	HGT	#LF/PLNT	HGT	#LF/PLNT	HGT	#LF/PLNT	CTRL	CTRL
Rating Unit	IN	count	IN	count	IN	count	%	%
Trt-Eval Interval	at A/D APP		at B/E APP		at C/F APP		14 DA A/D	14 DA B/E

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Growth Stage	1	2	3	4	5	6	7	8
1	Roundup PowerMAX	4.5 L		0.75 lb ae/a		3-4:WD	3.5	7					100	
1	Ammonium Sulfate	100 DF		2 % w/w		3-4:WD								
2	Roundup PowerMAX	4.5 L		0.75 lb ae/a		10-12:WD			10.7	11				100
2	Ammonium Sulfate	100 DF		2 % w/w		10-12:WD								
3	Roundup PowerMAX	4.5 L		0.75 lb ae/a		16-18:WD					16.9	12		
3	Ammonium Sulfate	100 DF		2 % w/w		16-18:WD								
4	Roundup PowerMAX	4.5 L		0.75 lb ae/a		3-4:WD	4.0	6					100	
4	Ammonium Sulfate	100 DF		2 % w/w		3-4:WD								
5	Roundup PowerMAX	4.5 L		0.75 lb ae/a		10-12:WD			10.7	12				100
5	Ammonium Sulfate	100 DF		2 % w/w		10-12:WD								
6	Roundup PowerMAX	4.5 L		0.75 lb ae/a		16-18:WD					17.1	12		
6	Ammonium Sulfate	100 DF		2 % w/w		16-18:WD								
7	Roundup PowerMAX	4.5 L		0.75 lb ae/a		3-4:WD	3.9	7					100	
7	Raptor	1 L		0.04 lb ai/a		3-4:WD								
7	Ammonium Sulfate	100 DF		2 % w/w		3-4:WD								
8	Roundup PowerMAX	4.5 L		0.75 lb ae/a		10-12:WD			10.7	11				99
8	Raptor	1 L		0.04 lb ai/a		10-12:WD								
8	Ammonium Sulfate	100 DF		2 % w/w		10-12:WD								
9	Roundup PowerMAX	4.5 L		0.75 lb ae/a		3-4:WD	3.5	7					100	
9	Raptor	1 L		0.04 lb ai/a		3-4:WD								
9	Ammonium Sulfate	100 DF		2 % w/w		3-4:WD								
10	Roundup PowerMAX	4.5 L		0.75 lb ae/a		10-12:WD			10.5	13				98
10	Raptor	1 L		0.04 lb ai/a		10-12:WD								
10	Ammonium Sulfate	100 DF		2 % w/w		10-12:WD								
	LSD (P=.05)						0.45	0.9	1.08	2.7	0.43	2.5	0.0	3.3
	Standard Deviation						0.23	0.4	0.54	1.3	0.12	0.7	0.0	1.6
	CV						6.07	6.38	5.1	11.36	0.72	5.89	0.0	1.65

MSU Weed Science Research Program

COMMON LAMBSQUARTER CONTROL WITH GLYPHOSATE, 2010

Trial ID: S0110 Protocol ID: S0110
 Location: Campus, C-26 Study Director: Andy Chomas
 Project ID: Investigator: Wesley Everman

	CHEAL	CHEAL	CHEAL	CHEAL
	Jul-23-10	Jul-29-10	Aug-10-10	Aug-19-10
	CTRL	HGT	HGT	HGT
	%	IN	IN	IN
Trt-Eval Interval	14 DA C/F	42 DA A/D	42 DA B/E	42 DA C/F

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Growth Stage	9	10	11	12
1	Roundup PowerMAX	4.5 L		0.75 lb ae/a		3-4:WD		0.0		
1	Ammonium Sulfate	100 DF		2 % w/w		3-4:WD				
2	Roundup PowerMAX	4.5 L		0.75 lb ae/a		10-12:WD			4.1	
2	Ammonium Sulfate	100 DF		2 % w/w		10-12:WD				
3	Roundup PowerMAX	4.5 L		0.75 lb ae/a		16-18:WD	90			10.2
3	Ammonium Sulfate	100 DF		2 % w/w		16-18:WD				
4	Roundup PowerMAX	4.5 L		0.75 lb ae/a		3-4:WD		0.0		
4	Ammonium Sulfate	100 DF		2 % w/w		3-4:WD				
5	Roundup PowerMAX	4.5 L		0.75 lb ae/a		10-12:WD			4.8	
5	Ammonium Sulfate	100 DF		2 % w/w		10-12:WD				
6	Roundup PowerMAX	4.5 L		0.75 lb ae/a		16-18:WD	93			12.3
6	Ammonium Sulfate	100 DF		2 % w/w		16-18:WD				
7	Roundup PowerMAX	4.5 L		0.75 lb ae/a		3-4:WD		0.0		
7	Raptor	1 L		0.04 lb ai/a		3-4:WD				
7	Ammonium Sulfate	100 DF		2 % w/w		3-4:WD				
8	Roundup PowerMAX	4.5 L		0.75 lb ae/a		10-12:WD			4.6	
8	Raptor	1 L		0.04 lb ai/a		10-12:WD				
8	Ammonium Sulfate	100 DF		2 % w/w		10-12:WD				
9	Roundup PowerMAX	4.5 L		0.75 lb ae/a		3-4:WD		0.0		
9	Raptor	1 L		0.04 lb ai/a		3-4:WD				
9	Ammonium Sulfate	100 DF		2 % w/w		3-4:WD				
10	Roundup PowerMAX	4.5 L		0.75 lb ae/a		10-12:WD			4.0	
10	Raptor	1 L		0.04 lb ai/a		10-12:WD				
10	Ammonium Sulfate	100 DF		2 % w/w		10-12:WD				
LSD (P=.05)							19.0	0.00	1.38	7.46
Standard Deviation							5.4	0.00	0.69	2.12
CV							5.9	0.0	15.72	18.88