

Table 2. Average disease rating and percent mature leaf area diseased (%MLAD) in fungicide treatments for sugarbeet powdery mildew control at the University of Idaho, Parma R&E Center, Parma, Idaho, 2004.

TREATMENT	Mean	% Mature	Mean	% Mature	Mean	% Mature
	Disease	Leaf Area	Disease	Leaf Area	Disease	Leaf Area
	Rating ¹	Diseased	Rating ¹	Diseased	Rating ¹	Diseased
	7/13/2004		8/2/2004		9/8/2004	
1. Untreated Control	0.38	4	3.30	73	2.98	60
2. A. Sulfur 10lb/A B. Sulfur 10lb/A	0.26	3	2.86	61	1.89	32
3. A. Gem 7.0 oz/A + Sulfur 5lb/A B. Sulfur 10lb/A	0.28	3	0.32	3	1.40	20
4. A. Headline 9.0 oz/A + Sulfur 5 lb/A B. Topsin M 0.5 lb/A + Sulfur 5 lb/A	0.32	3	1.03	11	1.36	19
5. A. Topsin M 0.5 lb/A + Sulfur 5 lb/A B. Laredo 8.0 fl oz/A	0.29	3	2.17	40	1.82	31
6. A. Enable 2F 8.0 oz/A B. Sulfur 10 lb/A	0.49	5	2.37	46	2.21	41
7. A. Eminent 13 fl oz/A B. Sulfur 10 lb/A	0.35	4	1.91	33	2.24	41
8. A. Gem 7.0 oz/A B. Eminent 13 fl oz/A	0.50	5	0.13	1	2.17	39
9. A. Rubigan 6.0 oz/A B. Rubigan 6.0 oz/A	0.49	5	2.81	59	2.17	39
10. A. Rubigan 8.5 oz/A B. Rubigan 8.5 oz/A	0.54	5	2.64	54	2.00	35
11. A. Rubigan 6.0 oz/A + Sulfur 5lb/A B. Sulfur 10 lb/A	0.44	4	3.02	66	1.92	33
LSD (0.05)	NS		1.05		0.72	
LSD (0.10)	NS		0.88		0.60	
CV (%)	66.23		90.54		28.03	
Pr>F	0.6586		<.0001		0.0061	

A. First Application: July 14, 2004

B. Second Application: August 2, 2004

¹Disease Rating Scale 0=0%; 1= 1-10%; 2= 11-35%; 3= 36-65%; 4= 66-90%; 5= 91-100%

Sulfur = Microthiol Disperss 80% wettable sulfur

Experimental design was a randomized complete block with 7 treatments and 6 replications.

25 recently mature leaves from each plot were rated for disease on July 13, August 2, and September 8.

Both sides of each leaf were examined.