

Table 2. Average disease rating and percent mature leaf area diseased (%MLAD) in fungicide treatments for sugarbeet powdery mildew control in Parma, Idaho, 2003.

TREATMENT	Average		Average		Average	
	Rating ¹	% MLAD ²	Rating ¹	% MLAD ²	Rating ¹	% MLAD ²
	July. 15		Aug. 6		Sept. 4	
1. Untreated Check	1.59	25	2.81	59	2.63	54
2. A. Sulfur 10.0 lb	0.99	10	0.60	6	1.26	17
B. Sulfur 10.0 lb						
3. A. Gem 25 WG 7.0 oz	1.52	23	0.53	5	1.23	16
B. Sulfur 10.0 lb						
4. A. Gem 25 WG 7.0 oz + Sulfur 5.0 lb	1.15	14	nd	nd	nd	nd
B. Sulfur 10.0 lb						
5. A. Eminent 125 SL 13.0 fl oz	1.57	24	1.11	13	0.62	6
B. Gem 25 WG 7.0 oz						
6. A. Gem 25 WG 7.0 oz	1.55	24	0.53	5	1.39	20
B. Eminent 125 SL 13.0 fl oz						
7. A. Gem 25 WG 5.0 oz + Sulfur 5.0 lb	1.19	15	0.59	6	1.55	24
B. Sulfur 10.0 lb						
8. A. Headline 250 EC 9.2 fl oz + Sulfur 5.0 lb	1.41	20	0.48	5	1.82	31
B. Sulfur 10.0 lb						
9. A. Headline 250 EC 9.2 fl oz	1.19	15	0.39	4	1.72	28
B. Eminent 125 SL 13.0 fl oz						
10. A. Eminent 125 SL 13.0 fl oz	1.71	28	0.64	6	2.03	36
B. Headline 250 EC 9.2 fl oz						
11. A. Laredo 2 EC 8.0 fl oz	1.89	32	0.90	9	2.15	40
B. Sulfur 10.0 lb						
12. A. Laredo 2 EC 8.0 fl oz + Sulfur 5.0 lb	1.63	26	1.23	16	2.05	37
B. Sulfur 10.0 lb						
13. A. Topsin M 70 WSB 0.5 lb + Sulfur 5.0 lb	1.77	29	0.89	9	2.50	50
B. Sulfur 10.0 lb						
14. A. Topsin M 70 WSB 0.5 lb + Sulfur 5.0 lb	1.57	24	1.21	15	1.77	29
B. Eminent 125 SL 13.0 fl oz						
15. A. Topsin M 70 WSB 0.5 lb + Sulfur 5.0 lb	1.50	23	1.50	23	1.69	27
B. Laredo 2 EC 8.0 fl oz						
16. A. Topsin M 70 WSB 0.5 lb + Sulfur 5.0 lb	1.53	23	1.35	19	0.51	5
B. Gem 25 WG 7.0 oz						
17. A. Topsin M 70 WSB 0.75 lb	1.39	20	1.10	13	1.15	14
B. Eminent 125 SL 13.0 fl oz						
18. A. Eminent 125 SL 13.0 fl oz	1.50	23	1.83	31	2.23	42
B. Sulfur 10.0 lb						
19. A. Eminent 125 SL 13.0 fl oz + Sulfur 5.0 lb	1.63	26	0.34	3	2.18	40
B. Sulfur 10.0 lb						
20. A. Eminent 125 SL 13.0 fl oz	1.10	13	0.63	6	1.55	24
B. Topsin M 70 WSB 0.5 lb + Sulfur 5.0 lb						
21. A. XN -105-174A 0.5 GPA	1.69	27	2.69	56	2.60	53
B. XN -105-174A 0.5 GPA						
22. A. XN -105-174A 1.0 GPA	1.32	18	2.38	46	2.65	55
B. XN -105-174A 1.0 GPA						

A. first application

B. second application

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

²MLAD = Mature Leaf Area Diseased

Sulfur = Microthiol Disperss 80 % wettable sulfur

Experimental design was a randomized complete block with 22 treatments and 6 replications. 25 recently mature leaves from each plot were rated for disease on July 15, August 06, And Sept, 04. Both sides of each leaf were examined. Fungicide applications