



DOLLAR SPOT FUNGICIDE TEST
PENNEAGLE CREEPING BENTGRASS

C. Brown and J.M. Vargas

Dollar spot (Sclerotinia homoeocarpa) is generally the most persistent disease that golf course superintendents must deal with each year. It is also one of the most costly to control since repeated fungicide applications are usually necessary from June through September in Michigan. Because efficient and inexpensive fungicide control of this disease is essential, we screen both experimental and established fungicides for comparative control of this disease each year.

The 1983 bentgrass dollar spot (Sclerotinia homoeocarpa) fungicide control study was established curatively on Penneagle creeping bentgrass on August 2, 1983. All treatments were applied (3 replicates/treatment) on August 2 with subsequent treatments being applied as indicated in the accompanying table. Liquid applications were made with a small plot CO₂ sprayer at a volume of 43 gal/acre and 30 PSI. Granular applications were pre-weighed and applied by hand.

Table 11. Dollar spot fungicide test

Treatment	Rate/1000 ft ² (frequency)	No. of Applications
1. Chipco 26019	1.5 oz. (21 day)	2
2. Vorlan	1 oz. (14 day)	3
3. Vorlan	2 oz. (14 day)	3
4. Duosan	3 oz. (14 day)	3
5. MF 690	1.5 oz. (14 day)	3
6. MF 690	3 oz. (14 day)	3
7. MF 691	1.5 oz. (14 day)	3
8. MF 691	3 oz. (14 day)	3
9. DPX 965-4L	1.2 oz. (14 day)	3
10. DPX H6573	.65 oz. (14 day)	3
11. DPX H6573	1.25 oz. (14 day)	3
12. Tersan 1991	1 oz. (14 day)	3
13. NC 28410	2 oz. ai (1 app. only)	1
14. NC 28410	4 oz. ai (1 app. only)	1
15. BRC 227	1.04 oz. ai (14 day)	3
16. BRC 227	2.08 oz. ai (14 day)	3
17. Dac. 2787 FL	3 fl. oz. (14 day)	3
18. Dac. 2787 FL	6 fl. oz. (14 day)	3
19. Dac. 2787 FL	3 fl. oz. (10 day)	3
20. Dac. 2787 FL	6 fl. oz. (10 day)	3
21. Dac. 2787 FL	1.47 fl. oz. (10 day)	3
22. Dac. 2787 FL	2 fl. oz. (10 day)	3
23. Dac. 2787 FL	8 fl. oz. (21 day)	2
24. Dac. 2787 FL	12 fl. oz. (21 day)	2
25. Dac. 2787 FL	16 fl. oz. (21 day)	2
26. Bayleton (GR)	6.25 lbs. ¹ (30 day)	1
27. Bayleton T.O.	1 oz. (14 day)	3
28. Bayleton T.O.	2 oz. (30 day)	1
29. Banner	1/2 fl. oz. (21 day)	2
30. Banner	1 fl. oz. (21 day)	2
31. Banner	2 fl. oz. (21 day)	2
32. Bayleton (WP)	1 oz. (30 day)	1
33. Bayleton (WP)	2 oz. (30 day)	1
34. Blank	-	-
35. Fungo 50	1 oz. (14 day)	3
36. Cleary 3336	1 oz. (14 day)	3
37. Check	-	-
38. AD-TGF	1 oz. (14 day)	3
39. Bayleton	1/2 oz. (14 day)	3
40. Dac. 2787 Fl.	2.5 fl. oz. (14 day)	3
41. AD-TGF + Bayleton	1 oz. + 1/2 oz. (14 day)	3
42. AD-TGF + Dac. 2787 FL.	1 oz. + 2.5 fl. oz. (14 day)	3