

# SNOW MOLD 1978-1979

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The snow mold test plots were conducted on Penncross - Poa putting green nurseries maintained by the cooperating golf course superintendent. Experimental design was a randomized complete block with each treatment replicated four times. The plots measured 4 x 11 feet and sprays were applied in 5 gallons of water/1000 feet<sup>2</sup> using a carbon dioxide powered, wheel mounted boom sprayer at 40PSI. Granular products were applied with

a 3 foot wide Scotts Drop Spreader. The plots were evaluated as soon as the snow melted and in some cases two and three times later for recovery or loss of turf. The data is presented as percent disease.

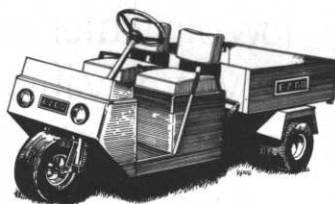
Data is reported from three locations in Minnesota: Duluth, date applied, Oct. 23, date observed, April 25; Hopkins, a Twin City location, November 8 - April 2; and Rochester, November 10 - April 13. Plots were also located at Mendota Heights, a Twin City location, Detroit Lakes, Bemidji, Roseau, International Falls and Pierz. Fungicide results were similar to those reported and the application of one pound of water soluble nitrogen, late fall or early winter improve color and appearance of the green where fungicides were applied. No disease control was noted from any nutrient form N, P or K, while P and P + K increased disease percentage at two locations.

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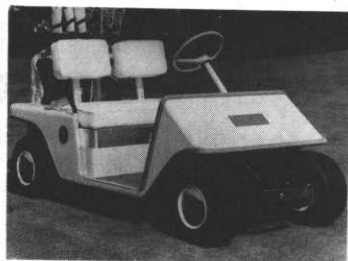


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**SALES-SERVICE-LEASING-PARTS**

See Table on Page 9

Snow Mold 1978-79

<u>Product &amp; Rate</u>	<u>Mean Percent Disease</u>		
	Rochester	Hopkins	Duluth
1. Caloclor 3 oz.	0.25	0.25	40
2. Caloclor 5 oz.	0	0	31.25
3. Tersan SP 4 oz.	32.5	4.25	15.5
4. Tersan 8 oz.	20	0.5	0
5. PCNB 4 oz.	34	30	93.75
6. Daconil 4F 8 oz.	15.75	16.25	63.75
7. Daconil 4F 12 oz.	32.5	9	30
8. Caloclor + Tersan SP 3 oz. + 4 oz.	0	0	1.25
9. Caloclor + PCNB 3 oz. + 4 oz.	0	0	8.75
10. Tersan SP + PCNB 4 oz. + 4 oz.	1.75	0.5	0.25
11. #8 + Daconil 4F 8 F. oz.	0	0	1.25
12. #9 + Daconil 4F 8 F. oz.	0	0	1
13. #10 + Daconil 4F 8 F. oz.	0	0	0
14. Daconil 4F 8 f oz. + Exhalt 800	40	6.75	46.25
15. Daconil 4F 12 f oz. + Exhalt 800	26.25	15.5	36.25
16. RP26019 8 oz.	16.25	61.75	93.75
17. RP26019 16 oz.	21.25	52.5	76.25
18. Ciba Geigy GA1-105 8 gm.	12.5	5.25	8
19. Ciba Geigy GA1-105 16 gm.	26.25	0	4.5
20. BFN 8090 10 oz.	10.25	30	73.75
21. BFN 8077 10 F. oz.	31.25	29.5	97.5
22. BFN 7789 10 F. oz.	17.5	20	93.75
30. Calogran 6 #	2	3.75	57.5
31. Calogran 10 #	2.25	2.75	38.75
32. Scotts FII N	18.25	10	2.5
33. Scotts FII D	15	2.5	3.25
34. PCND 3 oz. ai.	30	61.75	23.
35. Calogran 6 # + Scotts FII N	3.25	1.25	0.5
36. Calogran 6 # + PCNB 3 oz. ai.	0	2.5	0.5
37. Scotts FII + PCNB 3 oz. ai.	3.25	7	0.5
Check	100	73.5	94.2