

Plum Hollow Snow Mold Fungicide Report - 1977-78, Plum Hollow Golf Course, Livonia, MI. 48150

Establishment:

This snow mold study was established at Plum Hollow Golf Course on a Poa annua fairway maintained at about 1/2" height of cut. Treatments were applied to 6' x 9' plots in three repetitions of a random block design on November 14, 1977. The wettable powders and flowables were applied with a small-plot CO₂ sprayer at a volume of 40 gal/acre. The granular fungicide applications were made with a 3' Scotts drop-type spreader. The readings were taken on March 22, 1978.

Results:

The results in this study are somewhat inconclusive due to a lack of severe disease pressure. The predominant disease was pink snow mold (Fusarium nivale), although a good deal of gray snow mold (Typhula incarnata) was present in certain plots.

Plum Hollow Snow Mold Studies % area infested with pink snow mold, except where otherwise indicated

<u>Treatment</u>	<u>Rate/1000 ft²</u>	<u>I</u>	<u>II</u>	<u>III</u>	<u>AVE</u>	<u>DMR</u>
Daconil 2787	8 oz.	2	2	1	1.67	A
Terraclor (GR)	7.5 lbs.	5	0	2	2.33	A
Tersan SP + Tersan 1991	9 oz. + 6 oz.	5	5	2	4.0	A
Terraclor (wp)	8 oz.	2	2	10	4.67	A
Daconil 2787	4 oz.	5	10	0	5.0	A
Scts. F + F II	1 X	1	2	15	6.0	A
BFN 7544	5 fl. oz.	10	5	5	6.67	AB
Rp 26019	8 oz.	12	8	0	6.67	AB
Daconil 2787	2 oz.	15	5	2	7.33	AB
Calo-Clor	3 oz.	15	5	2	7.33	AB
Tersan SP	9 oz.	5	15	5	8.33	AB
Daconil 2787 + Rp 26019	2 oz. + 4 oz.	20	3	2	8.33	AB
Calo-Gran	6 lbs.	5	20	2	9.0	AB
Tersan SP	6 oz.	5	25	2	10.67	AB
GA-1-105	5 gm ai	25	5	5	11.67	AB
Bromosan	6 oz.	5	20	10	11.67	AB
Rp 26019	4 oz.	30	0	5	11.67	AB
Check	--	5	20	10	11.67	AB
Daconil 2787 + Rp 2619	4 oz + 8 oz.	25	7	5	12.33	AB
Daconil 2787 + Rp 2619	2 oz. + 8 oz.	25	0	12	12.33	AB
DPX 4424	8 oz.	25	5	10	13.33	AB
DPX 4424	4 oz.	20	10	10	13.33	AB
Daconil 2787 + Rp 26019	4 oz. + 2 oz.	40	1	0	13.67	AB
Daconil 2787 + Rp 26019	2 oz. + 2 oz.	25	10	10	15.0	AB
Tersan 1991	6 oz.	7	35	5	15	AB
Rp 26019	2 oz.	45	1	1	15.67	AB
Daconil 2787 + Rp 26019	8 oz. + 2 oz.	35	15	5	18.33	ABC
Daconil 2787 + Rp 26019	4 oz. + 4 oz.	25	15	15	18.33	ABC
BFN 7544	10 fl oz.	20	20	15	18.33	ABC
Daconil 2787 + Rp 26019	8 oz. + 4 oz.	45	15	3	21.0	ABC
GA-1-105	2.5 gm ai	40	10	15	21.67	ABC
Daconil 2787 + Rp 26019	8 oz. + 8 oz.	75	3	0	26.0	ABC
Acti-dione - Thiram	8 oz.	75	10	10	31.67	BC
Acti-dione - RZ	8 oz.	50 ^a	50 ^a	20	40.0	C
Acti-dione - TGF	8 oz..	50 ^a	90 ^a	25	55.0	C

^a -plots infected primarily with gray snow mold

^b -treatments followed by same letter are not significantly different from each other at the 5% level.