

## 2008-2009 Snow Mold Control Evaluation

Sentryworld Golf Course, Stevens Point, WI and Wawonowin Country Club, Champion, MI

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### OBJECTIVE

To evaluate fungicides for the control of Typhula blight (caused by Typhula incarnata and Typhula ishikariensis) and Microdochium patch (caused by Microdochium nivale).

### MATERIALS AND METHODS

This evaluation was conducted at Sentryworld GC in Stevens Point, WI and Wawonowin CC in Champion, MI. Please refer to the "Materials and Methods" sections of each of those particular reports in the 2008-2009 Wisconsin Snow Mold Research Reports for further information about each site. The auxiliary trials were placed adjacent to the standard trials at both sites. To compare to other treatments in each individual trial, please refer to the data tables for that trial elsewhere in the report. Data obtained was subjected to an analysis of variance to determine significant differences between treatments. The mean disease severity and mean color rating for each individual treatment are located in the tables below.

### RESULTS AND DISCUSSION

Disease pressure was high at Sentryworld GC in Stevens Point, WI and very high at Wawonowin CC in Champion, MI. All treatments in both trials with the exception of treatment 4 at Sentryworld significantly reduced disease compared to the untreated control. Treatments 6 and 7 were the most effective at both sites, although they failed to provide acceptable protection at Wawonowin CC. Treatments 5, 6, and 7 all provided adequate protection at Sentryworld. No differences in turfgrass color were observed.

\* \* \* \* \*

(Editor's Note: Treatment information, more studies and more graphs can be found at [www.mgcsa.org](http://www.mgcsa.org).)

Snow Mold and Color Ratings Recorded on April 16th, 2009 at Wawonowin CC

Treatment	Rate	Timing <sup>a</sup>	Disease severity <sup>b</sup>	Color <sup>c</sup>
1 Untreated Control			96.3 a	3.3 f
10 Emerald	0.13 OZ/M	Late	58.8 a-j	5.8 a-e
T-Methyl 4.5L	3 FL OZ/M	Late		
11 Emerald	0.13 OZ/M	Late	75 a-f	5.8 a-e
T-Methyl 4.5L	4 FL OZ/M	Late		
12 Emerald	0.13 OZ/M	Late	83.8 a-d	6 a-e
T-Methyl 4.5L	0.75 FL OZ/M	Late		
13 Emerald	0.13 OZ/M	Late	61.3 a-i	6.3 a-e
Trinity	1 FL OZ/M	Late		
14 Emerald	0.13 OZ/M	Late	92.5 abc	5.5 b-e
Iprodione Pro	3 FL OZ/M	Late		
15 Emerald	0.13 OZ/M	Late	73.8 a-g	5.8 a-e
Iprodione Pro	4 FL OZ/M	Late		
16 Trinity	1 FL OZ/M	Late	87.5 a-d	6 a-e
Iprodione Pro	2 FL OZ/M	Late		
17 Trinity	1 FL OZ/M	Late	67.5 a-h	6 a-e
Iprodione Pro	3 FL OZ/M	Late	85 a-d	5.8 a-e
19 Trinity	1 FL OZ/M	Late	53.8 c-l	6 a-e
Iprodione Pro	4 FL OZ/M	Late		
20 Curalan EG	1 OZ/M	Late	86.3 a-d	6 a-e
21 Curalan EG	1 OZ/M	Early	42.5 f-n	6 a-e
Daconil Ultrex	3.2 OZ/M	Early		
Insignia	0.5 OZ/M	Late		
Trinity	1 FL OZ/M	Late		
22 Curalan EG	1 OZ/M	Early	57.5 a-j	5.8 a-e
Daconil Ultrex	3.2 OZ/M	Early		
Trinity	1.5 FL OZ/M	Late		
Daconil Ultrex	5 OZ/M	Late		
23 Trinity	1.5 FL OZ/M	Late	61.3 a-i	6 a-e
Insignia	0.5 OZ/M	Late		
Daconil Ultrex	5 OZ/M	Late		

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)  
<sup>a</sup>Early and late fungicide treatments were applied on Oct. 2nd, 2008 and Oct. 28th, 2008, respectively  
<sup>b</sup>Mean % diseased area  
<sup>c</sup>Color was rated on a scale of 1-9 where 1 = straw colored, 6 = acceptable, 9 = dark green

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