

Kentucky Bluegrass Melting-Out Fungicide Study - 1995

Hancock Turfgrass Research Center

The 1995 melting-out (*Dreschlera poae*) fungicide trial was conducted at the Hancock Turfgrass Research Center on the MSU campus in E. Lansing, MI on irrigated Kenblue Kentucky bluegrass (*Poa pratensis*) turf maintained at 1 1/2 inch height of cut. The plot area was fertilized dormant in late fall of 1995 at 1 lb nitrogen/1000 ft², on 5/27/95 at 0.25 lb nitrogen/1000 ft², and on 6/7/95 at 0.125 lb nitrogen/1000 ft². Application procedures were as previously described in this report (see snow mold report).

Preventive treatments were applied initially on May 5, with subsequent applications being made at intervals listed on the data table (Table 3). At the time of the June 14 rating, the 14 day treatments had been applied three times and the 21 day treatments were applied twice.

As the data (Table 3) indicates, most of the treatments gave significant control of melting-out disease, compared to the untreated control. No phytotoxicity was observed.

Table 3. Melting-Out Fungicide Study - 1995 Hancock Turfgrass Research Center, MSU, E. Lansing, MI

Rating Scale: 1 = 10% or less of leaves infected, 9 - 90% or more of leaves infected.

Rating Date: June 14 1995

Treatment	Rate/1000 ft ^{2b}	Applic. Interval	I	II	III	IV
IB-11924	6 fl oz	14 day	1	1	1	1
IB-10222	4 fl oz	14 day	1	1	1	1
Thalonil (F)	6 fl oz	14 day	1	1	1	1
CH. 26019 (FLO)	6 fl oz	21 day	1	1	1	1
Thalonil (DF)	3.5 oz	14 day	1	1	2	1
Curalan	1 oz	21 day	2	2	2	1
RCO2	0.3 oz ai	14 day	3	3	4	5
RCO1	0.15 oz ai	14 day	3	5	4	4
Control	--	--	5	4	6	5

^aTreatments followed by same letter are not significantly different from each other at the 5% level (Tukeys Honestly Significance Differences Test).

^bRates are formulation, unless listed as active ingredient (ai).