

Treatment	Rate/1000 ft ^{2b}	I	II	III	Avg	Tukeys(.05) ^a
EXP 10452A	4 oz.	95	85	20	66.7	ABC
Vigoro 4	12.5 lbs.	95	15	95	68.3	AB
Control	----	90	75	85	83.3	A
Vigoro 3	12.5 lbs.	95	95	75	88.3	A

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

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

Kentucky Bluegrass Melting-Out Fungicide Study - 1994

Hancock Turfgrass Research Center

The 1994 melting-out (*Dreschlera poae*) fungicide trial was conducted at the Hancock Turfgrass Research Center on the MSU campus in East Lansing, MI on irrigated Kenblue Kentucky bluegrass (*Poa pratensis*) turf maintained at 1 1/2" height of cut. The plot area was fertilized dormant in late fall of 1993 at 1 lb. nitrogen/1000 ft² and with .25 lb. actual nitrogen/1000 ft² on 5/24/94. Application procedures were as previously described in this report.

Treatments were applied preventively on May 4, with subsequent applications being made at the intervals listed on the data table (Table 3). By the time of the 6/15/94 rating, the 14 day treatments had been applied three times and the 21 and 28 day treatments had been applied twice.

As the data indicate (Table 3), disease levels were moderate this year with the controls averaging about 45% of maximum disease levels. Statistically, all of the treatments gave significant disease control, compared to the untreated control. No phytotoxicity was observed.

Table 3. Kentucky Bluegrass Melting-Out Fungicide Study - 1994

Hancock Turfgrass Research Center Michigan State University, East Lansing, MI

Rating scale: 1 = no disease, 9 = 90% or more of leaves infected

Rating date: 6/15/94

Treatment	Rate/1000ft ^{2b}	Interval	I	II	III	IV	Avg	Tukeys (.05) ^a
Ch. 26019	4 fl. oz.	21 day	1	1	1	1	1.0	A
ASC 67098-Z	3.6 oz.	14 day	1	1	1	1	1.0	A
ASC 67098-X	2.5 oz.	14 day	1	1	1	2	1.3	A
RH-0611	10 oz.	14 day	1	2	1	1	1.3	A
Fore	6.4 fl. oz.	14 day	1	1	1	2	1.3	A
Curalan	2 oz.	28 day	1	1	2	2	1.5	A
D. 2787	6 fl. oz.	14 day	1	2	1	2	1.5	A
Dac. 825	3.8 oz.	14 day	1	2	1	2	1.5	A
Fluazinam	1 fl. oz.	14 day	2	2	1	2	1.8	A
Control	--	--	4	4	4	5	4.3	B

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

^bRates listed are formulation.

Summer Patch Fungicide Studies - 1994

Fungicide studies for the preventive control of summer patch (*Magnaporthe poae*) on annual bluegrass were initiated when soil temperatures reached 65° F at a 2" soil depth at the Hancock Turfgrass Research center on the MSU campus in East Lansing, MI. Studies were established on irrigated, annual bluegrass (*Poa annua*) fairways on two golf courses in