

Table 4. Pythium Blight 2003

Location: West Shore Country Club, Grosse Ile, MI.

Rating Scale: Percent area infected (pretreatment rating.)

Rating Scale: Quality (1-10, 7 = acceptable).

Treatment and Rate/1000 sq ft	Interval (Days)	Pretreatment Rating Aug 13, 2003		Percent Area Aug 18, 2003		Quality Aug 18
		Mean	LSD*	Mean	LSD*	Mean
Protect 4 oz + Alude 5.5 oz	14	0.38	a	0.00	a	7.7
Banol 3 fl oz	14	0.25	a	0.08	a	8.0
Alude 6.5 oz	14	1.63	a	0.17	a	7.7
Spectro 5 oz + Alude 5.5 oz	14	1.44	a	0.17	a	7.0
Vital Sign 6 fl oz + Junction 2 fl oz**	14	0.69	a	0.25	a	6.3
Vital Sign 6 fl oz	14	0.31	a	1.67	ab	7.0
Heritage 0.2 oz	14	1.25	a	5.67	b	6.7
Control	---	0.38	a	12.33	c	6.0

*Treatment means followed by the same letter are not significantly different (LSD, 5%).

** Slight phytotoxicity observed.

Anthracnose (*Colletotrichum graminicola*)**Curative Study**

A curative crown rot anthracnose study was set up on an annual bluegrass green at the Hancock Turfgrass Research Center in E. Lansing, MI. It was mowed at 0.130". The design was a randomized complete block with 4 replicates of each treatment. Plots were 6' x 6'. Treatments were applied using a CO₂ backpack sprayer with a double 8002E flat fan TeeJet nozzle boom at 100 GPA and 36 PSI. Plots were fertilized at about 1/4#N/1000 ft²/month. Treatments were applied beginning on 2 July with subsequent applications of the 14-day treatments on 17 July and 29 July. Re-application of the 21-day treatment was made on 23 July, and reapplication of the 28-day treatment was made on 29 July. Plots were rated for percent area with crown rot anthracnose. Data are shown in Table 7 and represent the percent plot area with anthracnose. Data were analyzed using ANOVA and means were separated with LSD (p=0.05).

As can be seen in Table 7, many treatments provided significant disease control compared to the untreated control plots including Banner Maxx, Spectro + Alude, Heritage, Banner Maxx + Medallion, Clearys 3336F, Insignia + Propiconazole Pro, several Andersons prototypes, Lesco T-Storm, and Clearys 3336 + Alude. No phytotoxicity was observed in this study this year.

Table 7. Crown Rot Anthracnose (Curative) Study
Location: Hancock Turfgrass Research Center, E. Lansing, MI
Rating Date: August 9, 2003
Rating Scale: Mean percent area infected with anthracnose.

Treatment and Rate/1000 sq ft	Interval (Days)	I	II	III	IV	Mean	LSD ^a
Banner Maxx 2 fl oz	14	1	0	1	5	1.8	i
Spectro 4 oz + Alude 5.5 fl oz	14	7	5	2	3	4.3	hi
Insignia 20WG 0.5 oz + Propiconazole Pro 1.3MC 1 fl oz	14	1	5	5	7	4.5	hi
Heritage 0.4 oz	28	7	1	5	7	5.0	g-i
Banner Maxx 1 fl oz + Medallion 0.25 oz	14	5	1	5	10	5.3	g-i
AND3125 4 lb	14	7	7	10	5	7.3	g-i
AND3127 4 lb	14	5	5	10	10	7.5	e-i
Insignia 20WG 0.5 oz	14	5	15	2	10	8.0	e-i
Subdue Maxx 0.5 fl oz + Cl 3336 4 oz + Dac. Ultrex 3.2 oz +	2-Jul	7	5	1	20	8.3	e-i
Clearys 3336 4 oz + Daconil Ultrex 1.8 oz +	17-Jul	7	5	1	20	8.3	e-i
Subdue Maxx 1 fl oz + Medallion 0.25 oz + Dac. Ultrex 3.2 oz	29-Jul						
Clearys 3336 Flo 4 fl oz	14	25	7	2	2	9.0	d-i
Spectro 4 oz	14	20	1	10	5	9.0	d-i
Lesco T-Storm 3.55 fl oz	14	15	5	2	15	9.3	d-i
AND3126 4 lb	14	10	15	2	10	9.3	d-i
Daconil Ultrex 3.2 oz + Banner Maxx 1 fl oz	14	2	5	20	15	10.5	d-i
AND3124 4 lb	14	5	5	20	15	11.3	d-i
Heritage 0.2 oz	14	10	5	10	20	11.3	d-i
Medallion 0.5 oz	14	10	7	10	30	14.3	c-i
Endorse 6 oz	14	25	7	20	10	15.5	b-h
Clearys 3336 4 oz + Alude 5.5 fl oz	14	5	3	5	50	15.8	b-h
Daconil Ultrex 3.25 oz alt EcoGuard 20 fl oz	14	10	15	5	35	16.3	b-h
Endorse 4 oz	14	10	20	7	30	16.8	b-h
CJB EXP 0214 2 fl oz	21	25	10	10	25	17.5	a-g
Endorse 4 oz + Alude 5.5 fl oz	14	25	15	15	20	18.8	a-f
Medallion 0.25 oz	14	25	15	15	20	18.8	a-f
Medallion 0.33 oz	14	25	20	25	5	18.8	a-f
EcoGuard 20 fl oz	14	30	15	15	25	21.3	a-d
EcoGuard 20 fl oz alt Daconil Ultrex 3.25 oz	14	50	5	10	35	25.0	a-c
Daconil Ultrex 3.2 oz	14	30	15	15	50	27.5	ab
Control	--	15	20	50	35	30.0	a

^a Means followed by the same letter do not significantly differ (LSD, p=0.05).

^b Treatment applied on 21-July and 29-July only.