

Results: Benzimidazole Resistant Dollarspot

The following treatments all gave significant control when compared to the untreated control: Daconil 2787 (6F) 6 fl oz, Daconil 2787 (WP) 4 oz, Daconil 2787 (500 FL) 6 fl oz, DPX 4424 1 oz ai, DPX 4424 1 oz ai + Tersan 75 3 oz, Bayleton (25 WP) 1 oz ai, Bayleton (50 WP) 1 oz ai, BFN 8006 (GR) 10 lbs., BFN 8090 10 oz, BFN 8077 10 fl oz, Rp 26019 1 oz, BFN 7789 10 fl oz, CGA 64251 (EC) 8 gms ai, Acti-dione Plus 2 oz, Acti-dione TGF 2 oz + FeSO₄ 2 oz, Acti-dione TGF 2 oz, Lesco 2887 3 oz and Spectro 3 oz. As expected, the benzimidazole systemic fungicides did not control this strain of Sclerotinia homeocarpa.

Many benzimidazole - resistant strains of Sclerotinia homeocarpa are very vigorous and repeated applications are necessary to achieve control with the fungicides that are available at this time.

Anthracnose - Fungicide Study # 1 - 1978

The 1978 anthracnose (Colletotrichum graminicola) fungicide study #1 was conducted on the Bay Pointe Golf Club in West Bloomfield, Mi., on an irrigated annual bluegrass fairway maintained at a 1/2" height of cut. The plot was laid out in 3 replications in a randomized block design.

The liquid applications were made with a CO₂ small-plot sprayer at a volume of 40 gal/acre while the granular formulations were applied with a 3' Scotts drop-type spreader.

All treatments were applied to the plots on August 3 and August 17, except as noted on the data charts. The ratings were taken on August 31.

Anthracnose - Fungicide Study #1
 Bay Pointe Golf Course, Union Lake, MI
 % area diseased

Treatment	Rate/1000 ft ²	% anthracnose/plot			AVE	(DMR)
		I	II	III		
Lesco 2887	3 oz	0	0	5	1.7	A
FDS Fert. + BRS Fung. 2X	5 lbs	10	5	5	6.7	AB
FDS Fert. 20-4-12+BRS Fung.	5.5 lbs	5	10	5	6.7	AB
DPX 4424	1 oz ai	10	5	5	6.7	AB
DPX 4424	2 oz ai	2	5	15	7.3	ABC
Fungo 50	1 oz	20	0	5	8.3	ABCD
Lesco 2887	2 oz	2	5	20	9	ABCD
Tersan 1991	1 oz	2	2	25	9.7	ABCD
Rp 26019	.75 oz	0	8	25	11	ABCD
Acti-dione TGF	.34 oz	30	2	2	11.3	ABCD
Rp 26019	.5 oz	2	2	30	11.3	ABCD
BFN 8006*	5 lbs	5	10	20	11.7	ABCD
Caddy	1 fl oz	30	2	8	13.3	ABCDE
BFN 8077	10 fl oz	25	10	7	14	ABCDE
BFN 7789	5 fl oz	25	2	15	14	ABCDE
DPX 4424	.5 oz ai	25	10	10	15	ABCDE
BFN 8090	10 oz	10	35	5	16.7	ABCDE
Acti-dione Plus	.69 oz	20	5	25	16.7	ABCDE
Rp 26019	1 oz	5	8	40	17.7	ABCDE
Daconil 2787 - 500 FL	6 fl oz	20	8	25	17.7	ABCDE
Cleary 3336 - FL	1 fl oz	15	2	40	19	ABCDE
BFN 8077	5 fl oz	25	2	30	19	ABCDE
FDS Fert. + BRS Fung. 1X	5.5 lbs	20	25	15	20	ABCDE
Daconil 2787-6F	6 fl oz	40	5	15	20	ABCDE
Acti-dione Plus	.34 oz	30	5	30	21.7	ABCDE
LLSE	1:10 dilution	40	20	5	21.7	ABCDE
Bromosan WP	3 oz	40	0	30	23.3	ABCDE
Bayleton 50 WP	1 oz ai	20	20	30	23.3	ABCDE
CGA-64251-EC	4 gm ai	50	5	20	25	ABCDE
Acti-dione TGF	.69 oz	40	5	30	25	ABCDE
Check	-	20	10	50	26.7	ABCDE
Daconil 2787 - WP	4 oz	45	25	15	28.3	BCDE
BFN 7789	10 fl oz	30	20	35	28.3	BCDE
Bromosan - FL	4 fl oz	50	2	35	29	BCDE
CGA-64251-EC	8 gm ai	70	15	2	29	BCDE
Bromosan FL + Caddy	4 fl oz + 1 fl oz	30	35	25	30	BCDE
Kromad	4 oz	40	25	25	30	BCDE
LLSE	1:100 dilution	30	30	30	30	BCDE
MF 598	4 oz	25	40	30	31.7	BCDE
BFN 8006	10 lbs.	50	25	25	33.3	CDE
Cleary 3336 WP	1 oz	30	30	40	33.3	CDE
BFN 8090	5 oz	60	2	40	34	DE
Bayleton 25 WP	1 oz ai	45	40	30	38.3	E

*BFN 8006 applied only once during season.

NOTE: All treatments followed by the same letter are not significantly different at the 5% level.