

Dollar Spot Trial 1975

BENTGRASS - Agrostis palustris
 'Penncross'
 DOLLAR SPOT - Sclerotinia homoeocarpa

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The investigation reported here was conducted at the University Turf Research Area. 'Penncross' creeping bentgrass was maintained at 1/4 inch height of cut under putting green conditions. Experimental design was a randomized complete block with four replications. Each fungicide plot measured 4 x 11 ft. Fungicides were applied in 5 gal of water per 1000 ft² using a carbon dioxide powered, wheel mounted, boom sprayer at 40 PSI pressure. Fungicides were applied July 29, August 12 and September 2 on a curative basis after the appearance of dollar spot symptoms in mid-July. The plots were evaluated weekly and data as number of infection centers are reported for September 2 and 16.

<u>Treatments</u>	<u>Rate/1000 ft²</u>	<u>Ave. Number Sept. 2</u>	<u>Infection Centers Sept. 16</u>
Tersan 1991*	1 oz	.75	15.25
Fungo*	1 oz	3.5	40.00
Clearys 3336*	1 oz	2.75	15.5
Daconil 6F	4 Foz	11.5	.5
"	5 Foz	6.5	0
"	6 Foz	7.25	.25
"	8 Foz	5.5	0
Dyrene	4 oz	13.8	3.25
"	5 oz	10.2	3.5
"	6 oz	8.75	.5
"	8 oz	11.25	2.25
Actidione Thiram	2 oz	14.5	13.25
Actidione Thiram TGF	1 oz	14.5	8.25
Fore	6 oz	18.75	29.00
Scotts Fert. & DSB	0.5 oz	2.25	1.5
" Fung. III	4.0 oz	4.25	4.00
" Systemic Fung.	0.5 oz	7.75	.25
BS352	4 oz	1.5	0
BS352	8 oz	.75	.75
RP26109	4 oz	12.00	.25
Check		16.6	34.5

* Material applied once July 29th