

They act in different ways to prevent drought stress from occurring which is the key to symptom development. The nematicides act indirectly by killing the nematodes that predispose the plants to infection by *Fusarium* and damage the root systems of plants already infected. The study was conducted on a heavy clay soil and the wetting agent Aqua-Gro probably allowed better moisture penetration into the heavy soil allowing deeper root penetration, thereby reducing drought stress.

#### Sclerotinia Dollar Spot Study

The *Sclerotinia* dollar spot (*Sclerotinia homeocarpa*) study was conducted on the MSU Crop Science Research Farm on an intensively maintained Toronto bentgrass green. The plots were laid out in three replications in a randomized block design. The dollar spot infestation was allowed to spread freely until the first applications were made on August 11. All fungicide applications were made foliarly with a CO<sub>2</sub> small-plot sprayer at a volume of about 40 gallons/acre. Subsequent applications were made on a bi-weekly basis on August 27 and September 14.

Readings in Table 4 were taken on September 14.

TABLE 4. MSU Crop Science Field Laboratory Dollar Spot Study.  
Number of Spots

Treatment	Rate/1000ft <sup>2</sup>	I	II	III	AVE	(DMR)
RP 26019	1/2 oz	0	0	0	0	A
Tersan 1991	1/2 oz	0	0	0	0	A
Tersan 1991	1 oz	0	0	0	0	A
Acti-dione Thiram #4	2 oz	0	0	0	0	A
Acti-dione-RZ #1	2 oz	0	0	0	0	A
Bromosan	3 oz	0	0	0	0	A
RP 26019	2 oz	0	0	0	0	A
RP 26019	1 oz	1	0	0	.3	A
Acti-dione Thiram	2 oz	0	1	0	.3	A
Acti-dione Thiram #2	2 oz	1	0	0	.3	A
Acti-dione-RZ #4	2 oz	0	0	1	.3	A
EL 222	.4 oz	0	0	1	.3	A
Fungo	1 oz	1	0	0	.3	A
Daconil 2787	6 oz	0	0	1	.3	A
Cleary's 3336	1 oz	0	2	0	.7	A
Acti-dione Thiram #1	2 oz	0	0	2	.7	A
Acti-dione Thiram #3	2 oz	0	3	0	1	A
Acti-dione-RZ #2	2 oz	2	2	0	1	A
Acti-dione-RZ	2 oz	2	2	0	1.3	A
EL 222	.8 oz	5	0	0	1.7	A
Acti-dione-RZ #3	2 oz	5	0	0	1.7	A
Thiram (Flo)	6 oz	0	0	7	2.3	A
Check	-	0	22	6	9.3	AB
Maneb-Zineb	8 oz	0	37	1	12.7	B

Results: Dollar Spot. M.S.U. Crop Science Field Laboratory.

Table 4 shows that while there was not severe disease pressure, all the materials tested control dollar spot when compared to the untreated check except Maneb-Zineb at 8 oz.

Note: Upjohn experimentals on chart are numbered according to the last digit of reference number on label.