

STOP: 9

Helminthosporium Leaf Spot Fungicide Trials - 1977

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The 1977 Helminthosporium leaf spot (melting-out) fungicide trials were conducted at the Michigan State University soils farm on Park Kentucky blue-grass turf maintained at 1 1/2" height of cut. Fungicide treatments were applied bi-weekly on April 29, May 10, May 24 and June 7. The exception was a 6 oz./1000 ft. Cleary's flowable thiram treatment which was applied weekly. All wettable powder formulations were applied with a CO₂ small plot sprayer whereas the granular materials were applied with a Scotts drop type spreader. The plots were 3' x 6' and were replicated three times in a random block design.

The following plot rating was taken on June 14.

Helm. Leaf Spot Reading

Treatment	OZ Rate/100 Ft.	Average Rating Coverages
Tersan 1991 + Rp26019	1 oz + 2 oz	1.31
Rp26019	2 oz	1.70
Tersan 1991 + DPX 4424	2 oz + 2 oz	1.70
Daconil 2787	6 oz	1.71
Tersan 1991 + Dyrene	1 oz + 6 oz	2.0
Scotts F8272	2 oz ai	2.0
GA-1-105	2.5 gm ai	2.0
Rp 26019	1 oz	2.0
Daconil 2787	4 oz	2.0
Dyrene	6 oz	2.31
Tersan 1991 + Daconil	1 oz + 6 oz	2.3
BFN 7711	4 oz	2.3
Spectro	4 oz	2.70
BFN 7711	2 oz	2.7
GA-1-105	5 gm ai	2.7
Scotts F-8272	1 oz	2.7
Scotts F-8197	1 oz	3.0
Tersan 1991 + Ter. 75	1 oz + 6 oz	3.0
BFN 7544	1 oz	3.0
Thiram (flo) Weekly	6 oz	3.0

Treatment	OZ Rate/1000 Ft.	Average Rating Coverages
Actidione TGF + Actidione-RZ	.34 oz + .55 oz	3.0
Cleary 3336	1 oz	3.3
Scotts F-8197	2 oz	3.70
BFN 7711	1 oz	3.7
BFN 7544	4 oz	4.0
Thiram (flo)	6 oz	4.0
Actidione	.44 oz	4.0
Actidione-RZ + Actidione-TGF + Fe ₂ SO ₄	.55 oz + .34 oz + 2 oz	4.31
Bromosan	6 oz	4.31
Actidione-RZ + Fe ₂ SO ₄	.55 oz + 2 oz	4.31
Forma Turf	5 oz	4.7
Check		4.7
BRN 7544	2 oz	5.3
Actidione-TGF + Fe ₂ SO ₄	.34 oz + 1 oz	5.33

Ratings on a 1-9 Scale

1 having least disease, 9 having most disease