

Burroughs Farms Daconil 2787 WDG - Fairway Dollarspot Study - 1981

Establishment

The 1981 Daconil 2787 WDG study was conducted on an irrigated Poa annua (annual bluegrass) fairway on the Burroughs Farms Golf Course in Brighton, MI. Treatments were applied in three replications of a random block design to an area which already was suffering a severe dollarspot (Sclerotinia homeocarpa) infection. All treatments were applied on August 4, August 19 and September 1 using a CO₂ small-plot sprayer delivering a volume of 40 gal/acre (Table 8). Plot size was 6' x 9'.

Ratings were taken on August 19, September 1, September 8 and September 15, as reported on the following data charts.

Results

All treatments gave significant management of Sclerotinia dollarspot throughout the study (Table 8). The 7 qts/acre rate of Daconil 2787 gave the most effective management, reducing the disease incidence to almost 0% after the third application. The flowable formulation gave better management of the disease when compared to the corresponding wettable dispersable granular formulations.

Table 8. Burroughs Farms Daconil 2787 WDG Dollarspot Study - 1981.
Dollarspot Rating 1 (no disease) - 9 (90% infection or greater).

Treatment	Rate/Acre	Replication			AVE	DMR
		I	II	III		
<u>Rating of 8/19/81</u>						
Daconil 2787 FL	7 qts.	3	3	4	3.3	A
Daconil 2787 FL	3.75 qts.	5	3	3	3.7	A
Daconil 2787 WDG	8 lbs.	4	5	4	4.3	A
Daconil 2787 WDG	4.33 lbs.	5	4	6	5	A
Control	---	8	8	9	8.3	B
<u>Rating of 9/1/81</u>						
Daconil 2787 FL	7 qts.	2	2	3	2.3	A
Daconil 2787 WDG	8 lbs.	3	3	4	3.3	B
Daconil 2787 FL	3.75 qts.	4	3	4	3.7	B
Daconil 2787 WDG	4.33 lbs.	4	3	5	4	B
Control	---	9	8	9	8.7	C
<u>Rating of 9/9/81</u>						
Daconil 2787 FL	7 qts.	1	1	2	1.3	A
Daconil 2787 WDG	8 lbs.	2	3	3	2.7	B
Daconil 2787 FL	3.75 qts.	3	3	4	3.3	C
Daconil 2787 WDG	4.33 lbs.	4	4	5	4.3	D
Control	---	9	9	9	9	E
<u>Rating of 9/15/81</u>						
Daconil 2787 FL	7 qts.	1	1	2	1.3	A
Daconil 2787 WDG	8 lbs.	3	4	4	3.7	B
Daconil 2787 FL	3.75 qts.	4	3	4	3.7	B
Daconil 2787 WDG	4.33 lbs.	5	5	6	5.3	C
Control	---	9	8	9	8.7	D
<u>Combined average of individual reading dates</u>						
		8/19	9/1	9/8	9/15	
Daconil 2787 FL	7 qts.	3.3	2.3	1.3	1.3	
Daconil 2787 WDG	8 lbs.	3.7	3.3	2.7	3.7	
Daconil 2787 FL	3.75 qts.	4.3	3.7	3.3	3.7	
Daconil 2787 WDG	4.33 lbs.	5	4	4.3	5.3	
Control	---	8.3	8.7	9	8.7	

Treatments followed by the same letter are not significantly different from each other at the 5% level.