



Title: Effect of fungicides on Alternaria leaf spot on Dusty Miller

Host: *Senecio cineraria* (Dusty Miller) 'Dust Silver'

Pathogen: *Alternaria* sp.

Inoculation: Plants were inoculated with a conidial suspension on 13 December 2001 and 23 January 2002 and placed in plastic bags for one day after the inoculation. They were then misted (1-min/30 minutes from 0800 to 1600 every day).

Treatments:	Rate/100 gal
A. Noninoculated	----
B. Inoculated	----
C. Systhane 40WP	2 oz
D. Systhane 40WP	3 oz
E. Terraguard 50W	4 oz
F. Terraguard 50W	8 oz
G. Cygnus 50WG	1.6 oz
H. Heritage 50WDG	1 oz
I. Compass 50WG	1 oz

Chemical application dates: All treatments were applied as foliar sprays (care was taken to cover the lower leaf surfaces). The following applications were made: 3, 14 and 31 December 2001 and 16 and 25 January 2002.

Treatment	Rate/100 gal	# of Spots/Plant	
		2/5/02	2/6/02
Noninoculated	----	0.4 a	15.2 ab
Inoculated	----	16.5 b	16.1 b
Systhane 40WP	2 oz	5.2 a	14.2 ab
Systhane 40WP	3 oz	1.3 a	13.8 a
Terraguard 50W	4 oz	4.0 a	14.4 ab
Terraguard 50W	8 oz	0.2 a	15.8 ab
Cygnus 50WG	1.6 oz	7.7 a	15.1 ab
Heritage 50WDG	1 oz	4.2 a	15.0 ab
Compass 50WG	1 oz	7.7 a	15.9 ab