



Title: Effects of fungicides on Alternaria flower blight on Zinnia

Host: *Zinnia elegans* 'Dreamland Ivory'

Pathogen: *Alternaria alternata* (zinnia)

Inoculation: Plants were inoculated on 14 July using spores suspensions of the fungi in water. They were sprayed, placed in plastic bags and an overhead mist system was started (2 min every 30 min from 0800 to 2000 hours daily until the test was completed.)

Treatments:	Rate/100 gal
A. Water-noninoculated	----
B. Water-inoculated	----
C. Insignia	4 oz
D. Insignia	8 oz
E. Chipco 26019 50WP	16 oz
F. Phyton 27	25 oz

Chemical application dates: All treatments were applied as foliar sprays. Applications were made on 9, 16 and 23 July 2003.

Treatment	Rate/100 gal	Zinnia Flower Blight 7/25/03
Water-noninoculated	----	1.9 a
Water-inoculated	----	3.0 b
Insignia	4 oz	2.6 b
Insignia	8 oz	2.7 b
Chipco 26019	16 oz	2.9 b
Phyton 27	25 oz	3.0 b

The degree of flower blight severity was rated using the following scale: 1 = none, 2 = slight, 3 = moderate, 4 = severe, 5 = dead.