



Title: Efficacy of fungicides in prevention of Alternaria leaf spot on Impatiens

Host: *Impatiens x Wallerana* (common impatiens) 'Super-seeded Pink'

Inoculation: On 11 September 2006, plants were inoculated with a spore suspension of a culture of *Alternaria alternata* mixed with sterilized water. The slurry was sprayed onto the plants and the plants were placed under intermittent mist into plastic bags (high humidity) for 48 hours. The bags were removed and the plants were kept under mist conditions for the remainder of the trial.

Treatments:	Rate/100 gal
A. Water – noninoculated	-----
B. Water – inoculated	-----
C. Palladium	2 oz
D. Palladium	4 oz
E. Vanguard	2 oz
F. Medallion	2 oz
G. Heritage	1 oz
H. Daconil Ultrex	1.4 lb
I. Insignia	2 oz
J. Insignia	4 oz
K. Pageant	8 oz
L. Experimental 1	7 oz

Chemical application dates: All treatments were applied as a foliar spray (to drip) as listed above on 6, 13 and 20 September, 2006.

Treatment	Rate	No. of Spots 9/25/06
Water – noninoculated	-----	0.0 a
Water- inoculated	-----	12.3 b
Palladium	2 oz	0.0 a
Palladium	4 oz	0.0 a
Vanguard	2 oz	1.2 a
Medallion	2 oz	0.5 a
Heritage	1 oz	1.8 a
Daconil Ultrex	1.4 lb	0.4 a
Insignia	2 oz	0.1 a
Insignia	4 oz	0.4 a
Pageant	8 oz	0.7 a
Exp. 1	7 oz	2.7 a

