



Title: Effect of fungicides on prevention of *Alternaria* on Impatiens.

Host: *Impatiens Wallerana* (double impatiens) 'Fiesta Ole Frost' plugs

Inoculation: Plants were inoculated with a culture of *Alternaria alternata* mixed with sterilized water. The inoculum was sprayed onto the plants with a hand-pump spray bottle on 12 March, 2008. The plants were then placed into clear plastic bags (high humidity) under mist for 24 hours and kept under mist conditions for the remainder of the trial.

	Treatments:	Rate/100 gal
A.	Water - noninoculated	-----
B.	Water – inoculated	-----
C.	Eagle 40WP	1 oz
D.	Eagle 40 WP	2 oz
E.	Eagle 40 WP	4 oz
F.	Banner MAXX	4 oz
G.	Banner MAXX	6 oz
H.	Banner MAXX	8 oz
I.	Terraguard SC	6 oz
J.	Terraguard SC	8 oz
K.	Terraguard SC	10 oz
L.	Trinity	4 oz
M.	Trinity	8 oz
N.	Trinity	12 oz
O.	Chipco 26019	16 oz

Chemical application dates: All treatments were applied as a foliar spray (to drip) on a 10 day interval as listed above on 10 and 20 March, 2008.

Treatment	Rate/100 gal.	# of spots per plant 3-21-08	Height (cm) 3-21-08
Water noninoculated	-----	0.0 a	13.5 a
Water inoculated	-----	54.6 d	14.3 a
Eagle 40WP	1 oz	11.4 bc	13.5 a
Eagle 40WP	2 oz	13.8 c	13.7 a
Eagle 40WP	4 oz	4.2 ab	14.2 a
Banner MAXX	4 oz	8.0 abc	14.4 a
Banner MAXX	6 oz	3.3 ab	14.0 a
Banner MAXX	8 oz	4.0 ab	13.5 a
Terraguard SC	6 oz	0.0 a	12.4 a
Terraguard SC	8 oz	0.8 ab	13.4 a
Terraguard SC	10 oz	1.3 ab	13.7 a
Trinity	4 oz	6.7 abc	14.1 a
Trinity	8 oz	3.0 ab	14.2 a
Trinity	12 oz	2.7 ab	12.9 a
Chipco 26019	16 oz	0.6 ab	14.7 a