



Title: Efficacy of fungicides on *Alternaria* leaf spot on *Pittosporum*.

Host: *Pittosporum tobira* 'Wheeleri'

Inoculation: Plants were inoculated by spraying with conidia of a 14-day old culture of *Alternaria pittospori* grown on V-8 agar medium in sterilized water (about 1×10^2 conidia/ml). The conidia were sprayed onto the plants on 16 July, 2007 and the plants were placed in plastic bags for 24 hours under intermittent mist (30 seconds/hour for 12 hours/day). After the bags were removed, the plants remained under mist for the remainder of the trial.

	Treatments:	Rate/100 gal
A.	Water noninoculated	-----
B.	Water inoculated	-----
C.	Pageant	4 oz
D.	Pageant	8 oz
E.	Experimental 1	4.5 oz
F.	Experimental 1	9 oz
G.	Trinity	3 oz
H.	Trinity	6 oz
I.	Palladium	2 oz
J.	Palladium	4 oz
K.	Palladium	8 oz
L.	Medallion	1 oz

Chemical application dates: All treatments were applied as a foliar spray (to drip) on a 10 day interval as listed above on 9, 18 and 30 July and 9 August, 2007.

Treatment	Rate/100 gal.	No. Spots/Pot 8/2/07	No. Spots/Pot 8/14/07
Water - Noninoculated	-----	0.3 a	0.1 a
Water - Inoculated	-----	7.2 b	6.3 b
Pageant	4 oz	0.3 a	0.5 a
Pageant	8 oz	1.2 a	0.9 a
Exp. 1	4.5 oz	1.3 a	0.9 a
Exp. 1	9 oz	0.2 a	0.2 a
Trinity	3 oz	0.1 a	0.2 a
Trinity	6 oz	1.0 a	0.9 a
Palladium	2 oz	1.2 a	1.0 a
Palladium	4 oz	1.5 a	1.7 a
Palladium	8 oz	1.0 a	0.5 a
Medallion	1 oz	0.0 a	0.4 a