



Title: Effect of fungicides on eradication of pansy downy mildew

Host: *Viola x wittrockiana* (Crown purple)

Pathogen: *Peronospora violae*

Inoculation: Plants were naturally infected at tests initiation.

Treatments:	Rate/100 gal
A. Water	----
B. Aliette	16 oz
C. Aliette	32 oz
D. Aliette/Dithane Rainshield	16 oz each
E. Dithane Rainshield	16 oz
F. Phyton 27	25 oz
G. Heritage	2 oz
H. Heritage/Latron B	2 oz/0.06%
I. Stature	1.75 lb
J. Insignia	0.8 lb

Chemical application dates: All treatments were applied as foliar sprays on 13, 16, 20, 23, 27, and 30 November 2001.

Treatment	Rate/100 gal	% of Sporulation 12/3/01	Residue 12/3/01	Phytotoxicity 12/3/01
Water	----	11.8 ab	1.0 a	1.0 a
Aliette	16 oz	8.6 ab	1.0 a	1.0 a
Aliette	32 oz	13.1 b	1.0 a	1.0 a
Aliette/Dithane Rainshield	16 oz each	9.7 ab	2.2 b	1.4 b
Dithane Rainshield	16 oz	8.3 ab	2.3 b	1.2 ab
Phyton 27	25 oz	7.9 ab	1.0 a	1.7 c
Heritage	2 oz	7.8 ab	1.0 a	1.1 a
Heritage/Latron B	2 oz/0.06%	9.2 ab	1.0 a	1.2 ab
Stature	1.75 lb	7.5 ab	2.5 c	1.0 a
Insignia	0.8 lb	5.3 a	2.2 b	1.1 a

Residue was rated using the following scale: 1 (none), 2 (slight), 3 (moderate), 4 (heavy) and 5 (severe).

Phytotoxicity was rated using the following scale: 1 (none), 2 (slight), 3 (moderate), 4 (severe) and 5 (dead).