

R. Chase, Plant Pathologist and President, Chase Research Gardens, Inc.,
8031 Mt. Aukum Rd. Suite F, Mt. Aukum, CA 95656. (530) 620-1624

Title: Effect of fungicides on eradication of downy mildew on Snapdragon

Host: On 20 February, 2006 *Antirrhinum majus* (snapdragon) plants (six pack size) were set up into a trial in an experimental design with 5 blocks of 3 plants each. The test was conducted in a \ unheated greenhouse with poly and shade cloth covering the top and sides.

Inoculation: Plants were naturally infected with *Peronospora antirrhini* at test initiation.

Treatments:	Rate/100 gal
A. Water	-----
B. Imazalil TR	10-12 g/288 sq. ft
C. Aliette 80WDG	16 oz
D. Bano16F	15 oz
E. Fenstar	5.50z
F. Fenstar and Banol	5.5 oz and 15 oz
G. Fenstar and Banol	5.5 oz and 30 oz
H. Fenstar and Aliette	5.5 oz and 16 oz
I. Fenstar and Aliette	5.5 oz and 32 oz
J. Moisturin	10%

Summary for the effect of fungicides on Downy mildew on Snapdragon

Treatment	Rate 100 gal.	% Sporulation			Available Chemical Residue
		28 February	7 March	13 March	
Water	----	6.3 a	6.0 a	5.3 b	1.1a
Imazilil TR	1 0-12g/ 288 sq. ft.	4.6 a	5.7 a	2.3 a	1.6 be
Aliette 80WDG	160z	4.7 a	6.7 a	2.0 a	2.3 d
Banol6F	150z	4.3 a	4.7 a	1.3 a	1.7 be
Fenstar	5.50z	4.3 a	5.3 a	1.7 a	1.3 ab
Fenstar and Banol	5.5 oz and 15oz	3.6 a	2.7 a	0.8 a	1.9 c
Fenstar and Banol	5.5 oz and 30oz	3.9 a	2.8 a	1.8a	1.7 be
Fenstar and Aliette	5.5 oz and 16oz	3.3 a	5.0 a	1.4 a	2.6 d
Fenstar and Aliette	5.5 oz and 32oz	3.2 a	2.5 a	1.1a	2.6 d
Moisturin	10%	2.0 a	3.0 a	1.0 a	2.5 d

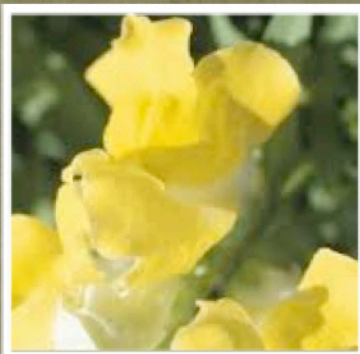
Control (water)



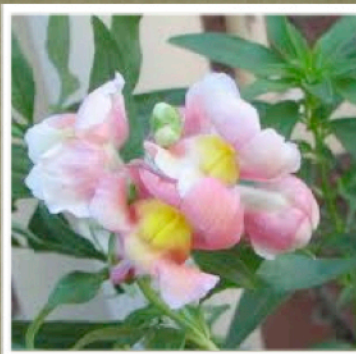
Control (water)



Moisturin 10%



Moisturin 10%



Control (water)



Control (water)



ANNE CHASE TEST RESULTS

Effect of fungicides on eradication of downey mildew on snapdragon