



Title: Effect of anthracnose on Cyclamen.

Host: *Cyclamen persicum* (cyclamen) 'Sierra White'

Inoculation: Plants were inoculated by spraying with spores of *Colletotrichum gloeosporioides* mixed with sterilized water on 9 November and December 1, 2009. The plants were placed into clear plastic bags under mist conditions after inoculation for 48 hours. The bags were removed and the plants remained under mist for the duration of the trial.

	Treatments:	Rate/100 gal
A.	Water	-----
B.	Pageant	18 oz
C.	Exp. 1	494 grams
D.	Exp. 1	618 grams
E.	Exp. 1	865 grams
F.	Exp. 1	1730 grams
G.	Cease/MilStop	1.5% and 2.5 lbs
H.	Disarm 480SC	2 oz
I.	Disarm 480SC	4 oz

Chemical application dates: All treatments were applied as a foliar spray (to drip) as listed above on 30 October, 6, 13, 20 and 30 November and 14 December, 2009.

Treatment	Rate/100 gal.	Residue 11-19-09	Residue 12-1-09	# of Spots 12-14-09	# of Spots 12-18-09
Water	-----	1.1 a	1.2 a	0.4 a	7.2 b
Pageant	18 oz	1.4 a	1.7 a	1.3 a	0.5 a
Exp. 1	494 grams	1.5 a	1.2 a	0.1 a	1.8 a
Exp. 1	618 grams	1.5 a	1.6 a	0.4 a	3.0 a
Exp. 1	865 grams	1.2 a	1.3 a	0.2 a	2.8 a
Exp. 1	1730 grams	1.7 a	1.8 a	0.3 a	0.8 a
Cease and MilStop	1.5% and 2.5 lbs	1.3 a	1.3 a	3.2 b	3.7 a
Disarm 480SC	2 oz	1.2 a	1.3 a	0.5 a	2.2 a
Disarm 480SC	4 oz	1.3 a	1.3 a	0.1 a	1.1 a

Residue severity was recorded using the following scale: 1 – no residue, 2 – slight, 3 – moderate, 4 – severe to 5 – extreme residue completely covering the plant.