



Title: Efficacy of fungicides in preventing Botrytis blight on Gerbera Daisies.

Host: On 1 November, 2010 *Gerbera jamesonii* (gerber daisy) ‘Revolution Mega Mix’ plugs were planted in 4 inch pots containing Fafard Mix 2B. The plants were fertilized with 1/2 tsp. Osmocote Plus 15-9-12 (8-9 month) the same day. The test was conducted in a heated greenhouse with poly and shade cloth covering the top and sides.

Inoculation: Plants were inoculated by spraying with spores of *Botrytis cinerea* mixed with sterilized water on 17 December, 2010. After inoculation the plants were placed into clear plastic bags under mist (high humidity) for 48 hours. The bags were removed and the plants remained under mist conditions for the remainder of the trial.

	Treatments:	Rate/100 gal
A.	Water noninoculated	-----
B.	Water inoculated	-----
C.	Mozart TR	17g/288 sq ft
D.	Pageant TR	17g/288 sq ft
E.	Mozart TR alternated with Pageant TR	17g/288 sq ft each
F.	Pageant	12 oz
G.	Palladium	6 oz
H.	Palladium alternated with Pageant	6 oz and 12 oz

Chemical application dates: All treatments were applied as a foliar spray (to drip) or Total Release as listed above on 9, 16 and 23 December, 2010.

Treatment	Rate/100 gal.	Disease 1-21-11	Phytotoxicity 1-21-11
Water noninoculated	-----	2.2 c	1.0 a
Water inoculated	-----	1.1 b	1.0 a
Mozart TR	17g./288 sq.ft.	0.1 a	1.1 a
Pageant TR	17g./288 sq.ft.	0.2 a	2.5 c
Mozart TR alternated with Pageant TR	17g./288 sq.ft. each	0.0 a	1.9 b
Pageant	12 oz	0.1 a	1.0 a
Palladium	6 oz	0.0 a	1.0 a
Palladium alternated with Pageant	6 oz and 12 oz	0.5 ab	1.0 a

Disease and phytotoxicity were rated on the following scale: 1 (none, healthy), 2 (slight), 3 (moderate), 4 (heavy), 5 (dead).

Numbers in the same column followed by the same letter are not significantly different.