

Evaluation of selected fungicides for management of powdery mildew of squash, fall 2011.

Treatment, rate/A (application) ^z	Disease severity (%) ^y
	1 Nov
Tolfenpyrad, 21fl oz (1,3,5); Induce, 0.25 % v/v (1,3,5); Bravo WeatherStick, 2 pt (2,4).....	10.4 def ^x
Procure 480SC, 8 fl oz (1,3,5); Bravo WeatherStick, 2 pt (2,4).....	25.6 bc
Luna Privelege, 6.84 oz (drip; 2,4).....	6.18 ef
Luna Privelege, 6.84 oz (drip; 2,4); Procure 480SC, 8 fl oz (1,3,5); Bravo Weatherstick, 2 pt (2,4).....	1.69 f
Luna Privelege, 6.84 oz (2,4); Procure 480SC, 8 fl oz (1,3,5) Bravo WeatherStick, 2 pt (2,4).....	3.00 f
Luna Privelege, 6.84 oz (2,4); Bravo WeatherStick, 2 pt (1,3,5).....	15.0 cde
Seacide, 2% v/v (1-5).....	29.5 b
Procure 480SC, 8 fl oz (1,3,5); Seacide, 1 % v/v (1-5); Bravo WeatherStick, 2 pt (2,4).....	19.8 bcd
Fontelis, 24 fl oz (2,4); Procure 480SC, 8 fl oz (1,3,5); Bravo WeatherStick, 2 pt (2,4).....	1.13 f
Fontelis, 24 fl oz (drip; 2,4); Procure 480SC, 8 fl oz (1,3,5); Bravo WeatherStick, 2 pt (2,4).....	0.75 f
Quintec, 6 fl oz (2,4); Procure 480SC, 8 fl oz (1,3,5).....	1.13 f
Heads-Up, 0.27 oz/gal (1-5).....	86.3 a
Procure 480SC, 8 fl oz (1,3,5); Torino, 3.4 fl oz (2,4); Induce, 0.25% v/v (2,4).....	1.50
Procure 480SC, 8 fl oz (3); Torino, 3.4 fl oz (2,5); Induce, 0.25% v/v (2,5).....	0 f
Torino, 3.4 fl oz (1,3); Induce, 0.25% v/v (1,3); Luna Sensation, 5 oz (5); Quintec, 6 fl oz (2,4).....	0.34 f
Rally 40WSP, 5 oz (1); Torino, 3.4 fl oz (2,4); Induce, 0.25% v/v (2,4); Quintec, 6 fl oz (3,5).....	0 f
Procure 480SC, 8 fl oz (5); Torino, 3.4 fl oz (1-4); Induce, 0.25% v/v (1-4).....	0 f
Non-treated Control.....	79.1 a

$P > F$

<0.0001

^z Listed treatments were applied over a 5 week period (1-5) at a per acre rate basis unless noted otherwise.

^y The severity of bacterial spot was assessed as the percentage of canopy affected.

The Horsfall-Barratt scale was used for all ratings, but values were converted to mid-percentages prior to statistical analyses.

^x Means followed by the same letter are not significantly different according to Fisher's LSD test ($\alpha=0.05$).