

## Activity of Fungicides and Bactericides on Stone Fruit Diseases, 2017

Group	Product Name	Blossom blight	Brown rot	Peach scab	Peach leaf curl	Bacterial caker/ spot	Powdery mildew	Rhizopus rot	Cherry leaf spot	Black knot	Apricots		Sweet Cherries		Tart Cherries		Peaches		Plums	
		REI	PHI	REI	PHI	REI	PHI	REI	PHI	REI	PHI	REI	PHI	REI	PHI	REI	PHI	REI	PHI	
M	Bravo ZN	3	NA	4/3	4	0	0	0	4	4	NR	NR	48 h	40 d/ ss <sup>1</sup>	48 hr	40 d/ ss <sup>1</sup>	48 hr	60 d/ss <sup>1</sup>	NR	NR
M	Copper 53W	1	1	0	2	2	0	0	1	0	NR	NR	NR	NR	NR	NR	48 hr	dd <sup>2</sup>	NR	NR
M	Copper Spray	1	1	0	2	2	0	0	1	0	NR	NR	48 h	2 d	48 hr	2 d	48 hr	dd <sup>2</sup>	NR	NR
M	Cueva	2	2	—	2	2	2	0	—	0	4 hr	1 d	4 h	1 d	4 h	1 d	4 hr	1 d	4 hr	1 d
M	Echo 90 DF	3	NA	4/3	4	0	0	0	4	4	NR	NR	NR	NR	48 hr	40 d/ ss <sup>1</sup>	48 hr	60 d/ss <sup>1</sup>	NR	NR
M	Ferbam 76 WDG	3	NA	—	4	0	0	NA	2	0	NR	NR	NR	NR	12 hr	4 d	12 hr	21 d	NR	NR
M	Granuflo-T	3	3	3/2	3	0	0	0	—	3	NR	NR	NR	NR	NR	NR	24 hr	Prebl	NR	NR
M	Guardman Copper Oxychloride	1	1	0	2	2	0	0	1	0	NR	NR	48 hr	2 d	48 hr	2 d	48 hr	dd	NR	NR
<b>M</b>	<b>Cosavet</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>NR</b>	<b>NR</b>	<b>24 hr</b>	<b>1 d</b>	<b>24 hr</b>	<b>1 d</b>	<b>24 hr</b>	<b>1 d</b>	<b>24 hr</b>	<b>1 d</b>
M	Kumuluf DF	2	1	3	0	0	2	0	1	1	NR	NR	24 hr	1 d	24 hr	1 d	24 hr	1 d	24 hr	1 d
M	Maestro 80 DF	3	3	4/3	2	0	0	1	3	2	48 hr	2 d	48 hr	2 d	48 hr	5 d	48 hr	2 d	48 hr	2 d
M	Microscopic Sulphur WP	2	1	3/3	0	0	2	0	1	1	NR	NR	NR	NR	NR	NR	24 hr	1 d	24 hr	1 d
M	Microthiol Disperss	2	1	3/3	0	0	2	0	1	1	NR	NR	NR	NR	24 hr	1 d	24 hr	1 d	24 hr	1 d
M	Supra Captan 80 WDG	3	3	4/3	2	0	0	1	3	2	48 hr	2 d	48 hr	2 d	48 hr	2 d	48 hr	2 d	28 hr	2 d
1	Senator 70 WP	3	3	-/3	2	0	3	—	3	—	NR	NR	12 hr	1 d	12 hr	1 d	12 hr	1 d	12 hr	1 d
2	Rovral WDG	4	4	0	0	0	0	2	2	0	12 hr	1 d	12 hr	1 d	12 hr	1 d	12 hr	1 d	12 hr	1 d
3	Bumper 418EC	4	4	3	0	0	3	4	3	1	72 hr	3 d	72 hr	3 d	72 hr	3 d	72 hr	3 d	72 hr	3 d
<b>3</b>	<b>Fitness</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>3 d</b>	<b>3 d</b>	<b>3 d</b>	<b>3 d</b>	<b>3 d</b>	<b>3 d</b>	<b>3 d</b>	<b>3 d</b>	<b>3 d</b>	<b>3 d</b>
3	Funginex DC	3	NA	0	0	0	3	—	3	0	NR	NR	48 hr	Prebl	48 hr	Prebl	48 hr	Prebl	48 hr	Prebl
3	Indar	4	4	3	0	0	3	0	3	2	12 hr	1 d	12 hr	1 d	12 hr	1 d	12 hr	1 d	12 hr	1 d
3	Jade	4	4	3	0	0	3	4	3	1	72 hr	3 d	72 hr	3 d	72 hr	3 d	72 hr	3 d	72 hr	3 d
3	Nova	3	NA	2	0	0	4	0	3	0	NR	NR	12 hr <sup>3</sup> / 12 d <sup>4</sup>	1 d	12 hr <sup>3</sup> / 12 d <sup>4</sup>	1 d	12 hr <sup>3</sup> / 12 d <sup>4</sup>	1 d	NR	NR
<b>3</b>	<b>Quash</b>	<b>4</b>	<b>4</b>	<b>2-3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>?</b>	<b>3</b>	<b>1?</b>	<b>9d<sup>4</sup>/ 12hr<sup>3</sup></b>	<b>14 d</b>	<b>9d<sup>4</sup>/ 12hr<sup>3</sup></b>	<b>14 d</b>	<b>9d<sup>4</sup>/ 12hr<sup>3</sup></b>	<b>14 d</b>	<b>9d<sup>4</sup>/12hr<sup>3</sup></b>	<b>14 d</b>	<b>9d<sup>4</sup>/ 12hr<sup>3</sup></b>	<b>14 d</b>

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											REI	PHI	REI	PHI	REI	PHI	REI	PHI	REI	PHI
3	Tilt 250 E	4	4	3	0	0	3	4	3	1	72 hr	3 d	72 hr	3 d	72 hr	3 d	72 hr	3 d	72 hr	3 d
7	Cantus WDG	4	4	—	0	NA	2	0	—	—	12 hr	0 d	12 hr	0 d	12 hr	0 d	12 hr	0 d	12 hr	0 d
7	Fontelis	4	4	4/2	0	0	2	0	1	—	12 hr	0 d	12 hr	0 d	12 hr	0 d	12 hr	0 d	12 hr	0 d
7	Kenja	4	4	—	—	—	0	—	—	—	12 hr	1 d	12 hr	1 d	12 hr	1 d	12 hr	1 d	12 hr	1 d
7	Sercadis	4	4	—	0	0	2	—	—	—	12 hr	0 d	12 hr	0 d	12 hr	0 d	12 hr	0 d	12 hr	0 d
7+11	Pristine WG	4	4	4/2	0	NA	2	4	4	—	When dry <sup>3</sup> / 10 d <sup>4</sup> / 24 hr <sup>5</sup>	0 d	When dry <sup>3</sup> / 10 d <sup>4</sup> / 24 hr <sup>5</sup>	1 d	When dry <sup>2</sup> / 24 hr <sup>4</sup>	0 d/ 1 d <sup>6</sup>	When dry <sup>3</sup> / 10 d <sup>4</sup> / 24 hr <sup>5</sup>	0 d	When dry <sup>3</sup> / 10 d <sup>4</sup> / 24 hr <sup>5</sup>	0 d
9	Vanguard	4	4					3			72 hr	2 d	NR	NR	NR	NR	72 hr	2 d	NR	NR
11	Flint	0	0	3	0	0	1	0	4	0	NR	NR	12 hr <sup>3</sup> / 4 d <sup>4</sup>	1 d	12 hr <sup>3</sup> / 4 d <sup>4</sup>	1 d	12 hr <sup>3</sup> / 4 d <sup>4</sup>	1 d	NR	NR
11	Cabrio EG	1	1	1	0	0	4	4	4	—	NR	NR	NR	NR	12 hr <sup>2</sup> / 9 d <sup>3</sup>	10 d	NR	NR	NR	NR
13	Quintec	0	0	0	0	0	4	0	0	0	NR	NR	NR	NR	12 hr	7 d	12 hr	7 d	NR	NR
17	Elevate 50 WDG	4	4	0	0	0	0	0	0	0	NR	NR	4 hr	1 d	4 hr	1 d	4 hr	1 d	NR	NR
24	Kasumin	0	0	0	0	1	0	0	0	0	NR	NR	12 hr	1 d	12 hr	1 d	NR	NR	NR	NR
44	Serenade OPTI	1	1	—	1?	—	1	—	—	—	When dry	0 d	When dry	0 d	When dry	0 d	When dry	0 d	When dry	0 d
M	Fracture	1	1	—	—	—	1	—	—	—	12 hr	0 d	12 hr	0 d	12 hr	0 d	12 hr	0 d	12 hr	0 d
P5	Regalia Maxx	1	1	—	—	—	1	—	1	—	When dry	0 d	When dry	0 d	When dry	0 d	When dry	0 d	When dry	0 d
NC	Purespray Green Spray Oil 13E	0	0	0	0	0	2	0	0	0	12 hr	Until term bud set <sup>7</sup>	NR	NR	12 hr	Prebl	NR	NR	NR	NR
NC	Vegol	0	0	0	0	0	2	0	0	0	12 hr	12 hr	12 hr	12 hr	12 hr	12 hr	12 hr	12 hr	12 hr	12 hr
U8	Vivando SC	0	0	0	0	0	3	0	0	0	NR	NR	NR	NR	12 hr	7 d	12 hr	7 d	NR	NR
U12	Equal 65 WP	—	—	NR	NR	0	0	—	3	—	NR	NR	48 hr	7 d	48 hr	7 d	NR	NR	NR	NR

Ratings for peach scab control in red are according according to presentation at OFVC 2016 by Dr. Lalancette, Rutgers University

<sup>1</sup> ss = shuck split; <sup>2</sup> dd = delayed dormant; <sup>3</sup>General entry; <sup>4</sup> Hand thinning; <sup>5</sup> Hand harvest; <sup>6</sup> 0 d mechanical harvest, 1 d hand harvest; <sup>7</sup> Do not use after terminal bud set; NR = Not Registered on the crop

**Green cell** On Canadian Organic Approved List      **Yellow cell** Registered Use      **White cell** Not registered for that use