

Permanent and Emergency use registrations for spotted wing drosophila control on stone fruit and grapes in British Columbia (¹Emergency registrations are valid from June 1, 2017 until November 30, 2017).

Check MRL requirements for fruit exports. Tighten up spray intervals close to harvest. Rotate Group 5 insecticides with other groups for resistance management.

Trade Name (active ingredient)	Group	Registered Crop	Rate	Maximum Number of Sprays	Pre-harvest Interval (days)	Worker Re-entry	Label Spray Interval (days)	Other Pests Controlled	Precautions and Notes
Delegate (spinetoram)	5	Stone fruit	420 g/ha (170 g/acre)	3	5 (cherry) 3 (prune, plum, apricot) 1 (peach, nectarine)	12h	7	Leafrollers Cherry fruit fly	Label spray timings for 3 applications on cherries are 30, 12, and 5 days before harvest.
Entrust (spinosad)	5	Stone fruit	364 mL/ha (147 mL/acre)	3	3 (cherry)	dry	see notes	Leafrollers Cherry fruit fly, Peach twig borer	Label spray timings for 3 applications on cherries are 28, 10, and 3 days before harvest.
					1 (peach, nectarine)	dry	7 - 10		
					3 (plum, prune, apricot)	dry	7 -10		
Success (spinosad)	5	Stone fruit	182 mL/ha (74 mL/acre)	3	3(cherry)	dry	see notes	Leafrollers Peach twig borer	Entrust is allowed in organic production.
					1 (peach, nectarine)	dry	7 - 10		
					3 (plum, prune, apricot)	dry	7 - 10		
Exirel (cyantraniliprole)	28	Stone fruit	1000 - 1500 mL/ha (405 - 607mL/acre)	4	3	12 h	7	Aphids Leafrollers Cherry fruit fly	Do not tank mix with Flint, Pristine, Cabrio, Copper or Captan fungicides.
¹ Malathion 85 E (malathion)	1B	Stone fruit	610-855 mL/1000 L water / ha (247 - 346 mL/405 L water/acre)	2	3	12 h	7 - 10	Aphids	May be effective for 5 days. May cause leaf drop or fruit finish problems on cherries, particularly when hot, or in lower water volumes. More effective above 20°C.
		Grape	880 mL/ 1000 L water / ha (356 mL/405 L water/acre)	1	3	12 h - 3 days (see label)			
¹ Mako Insecticide (cypermethrin) Formerly known as Ripcord	3	Stone fruit	150 mL/ha (61 mL/acre)	1	2	12 h			Suppression of SWD. Short residual (3-5 days) when temperatures are above 25°C. May cause mite flare-ups.
		Grape	150 mL/ha (61 mL/acre)	1	2 (mechanical harvest) 6 (hand harvest)	12 h -14 days (see label)			
Imidan 70 WP (phosmet)	1B	Stone fruit (except sweet cherries)	2.68 kg/ha (1.08 kg/ac)	4 (sour cherry, peach) 3 (plum)	7 (sour cherry) 14 (peach, plum)	3 (sour cherry) 7 (peach, plum)		Peach twig borer, Cherry fruit fly	Use a spray interval of 7-10 days. Phytotoxic to sweet cherries.
		Grape	2.2 kg/ha (0.9 kg/ac)	3	14	14			Use a spray interval of 7-10 days.

¹Emergency registrations

The product below is not registered for spotted wing drosophila control in Canada, but is registered for other insects.

Trade Name (active ingredient)	Group	Registered Crop	Maximum Number of Sprays	Pre- harvest Interval (days)	Worker Re-entry	Pest(s) Controlled	Precautions and Notes
Cygon 480 EC / Lagon 480 E (dimethoate)	1B	Cherry	1	21 45 (export cherries)	24 h*	Cherry fruit fly Aphids	Effective on SWD adults. Some systemic activity against SWD eggs and larvae. Phytotoxic to some cherry varieties, particularly Lapins and varieties with Lapins parentage.

Note: **Admire, Assail and GF-120** registered for other pests will NOT control spotted wing drosophila.

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