

# Management of Spotted Wing Drosophila in Berry Crops



## Cultural Control

Harvest ripe berries frequently and cool berries quickly after harvest. At cool refrigerator temperatures SWD stops growing in the berry and eventually die. For raspberries, keep rows narrower to reduce favourable habitat for SWD. For all berry crops, if possible, remove unmarketable fruit and crush in alleyways.

## Chemical Control

Weekly applications of approved insecticides are quite effective at controlling SWD and protecting the berry harvest from damage. If SWD are present, then control measures should start when berries begin to colour up. It is important to constantly rotate every application through different insecticide chemical groups to avoid potential insecticide resistance issues with SWD.

**The following insecticide control options are a guide only. Always refer to the product label for usage and rates before applying the product.**

### 2026 Strawberry SWD Management Chart

(products with Pre-Harvest Interval (PHI) of 3 days or less)

Group	Product	REI*	PHI**
1B	Malathion 85 E	12 hours	3 days
3	Up-Cycle 2.5EC	12 hours	2 days
5	Delegate	12 hours	1 day
5	Entrust or Success	When dry	1 day
5	Scorpio Ant and Insect Bait †	12 hours	1 day
28	Exirel	12 hours	1 day
28	Harvanta 50SL	12 hours	1 day

## 2026 Raspberry SWD Management Chart

(products with Pre-Harvest Interval (PHI) of 3 days or less)

Group	Product	REI	PHI
1B	Malathion 85 E	12 hours 24 hours for hand harvest	1 days
3	Up-Cycle 2.5EC	12 hours	2 days
5	Delegate	12 hours	1 day
5	Entrust or Success	When dry	1 day
5	Scorpio Ant and Insect Bait †	12 hours	1 day
28	Exirel	12 hours	1 day
28	Harvanta 50SL	12 hours	1 day

## 2026 Saskatoons SWD Management Chart

(products with Pre-Harvest Interval (PHI) of 3 days or less)

Group	Product	REI	PHI
1B	Malathion 85 E	12 hours	2 days
3	Up-Cycle 2.5EC	12 hours	2 days
5	Delegate	12 hours	1 day
5	Entrust or Success	When dry	1 day
5	Scorpio Ant and Insect Bait †	12 hours	1 day for hand harvest
28	Exirel	12 hours	3 day
28	Harvanta 50SL	12 hours	1 day

**\*REI = re-entry interval, \*\*PHI = pre-harvest interval**

**†Scatter bait on soil near plant avoiding contact with plants/ berries, replace after heavy rain.**

Insecticide information from: [Pesticide Label Search - Health Canada \(hc-sc.gc.ca\)](https://www.healthcanada.gc.ca/pesticides/)

## Contact Us

This fact sheet was developed by Anthony Mintenko, Fruit Crop Specialist, Manitoba Agriculture

For more information, contact the department:

Online: [www.manitoba.ca/agriculture](http://www.manitoba.ca/agriculture)

Email: [crops@gov.mb.ca](mailto:crops@gov.mb.ca)

Phone: 1-844-769-6224