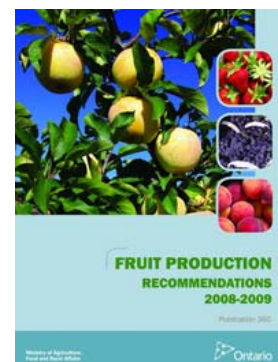


Fruit Production Recommendations 2008-2009

Ontario Ministry of Agriculture, Food and Rural Affairs



Chapter 8: Tree Nuts

Walnut Calendar

Read the label and follow all safety precautions.

Consult the product label for suggested water volumes. Otherwise, use enough water to ensure thorough spray coverage. Where the product rate is listed in amount per 1,000 L and if a water volume is not provided on the label, use enough water to wet the foliage to the near drip point.

Diseases and Insects	Materials	Amount	Comments
Prebloom			
Leafrollers	• Dipel 2X DF	1.12 kg/ha	Apply when small larvae are present. Apply in 600–800 L/ha using an orchard air-blast sprayer. Repeat in 7–10 days or after bloom if populations are large. Although Dipel is not toxic to bees, avoid application during bloom. Use 1.6 kg/ha for large or mature trees.
1st pistillate flower			
Butternut curculio	• Surround WP	50.00 kg/ha	Apply when visual inspection shows adult feeding and egg laying scars on new flower shoots. See <i>Particle film technology</i> , on page 10.
Walnut blight	• Copper Spray	4.00 kg/1,000 L	Apply in sufficient water to ensure complete coverage.
Summer sprays			
Codling moth	• Surround WP	50.00 kg/ha	Apply when pheromone traps indicate adult activity. See <i>Particle film technology</i> , on page 10.
Husk maggot	• Surround WP	50.00 kg/ha	Apply when sticky traps show adult activity, typically August to mid September. See <i>Particle film technology</i> , on page 10.
Walnut blight	• Copper Spray	4.00 kg/1,000 L	Apply in sufficient water to ensure complete coverage. Apply monthly until husks split, but not after husks split. Do not apply more than four times per season. Do not apply within 40 days of harvest.

Aphids

• Malathion 500 EC

2.50 L/1,000 L

For use on young non-bearing trees only. When aphid colonies are still young, apply in enough water to thoroughly wet the leaves throughout the canopy.