Insecticides

MOVENTO®
The only two-way systemic insecticide for residual control of a broad range of sucking insect pests including tough-to-control pests like woolly apple aphid and San Jose scale
Group 23

calypso®
Broad-spectrum control of sucking insect pests
Group 4

ADMIRE®
Economical insect control of sucking pests including aphids and leafhoppers
Group 4
decis®
Fast-acting control of several major apple insects
Group 3

env/dor®
Unmatched control of all economically important mites at all growth stages
Group 23

Sevin XLR®
Proven apple thinner and economical control of many apple insects
Group 1A

Fungicides

SCALA®
Systemic fungicide for control of early season leaf scab in cool and warm weather
Group 9

FLINT®
Broad-spectrum fungicide with long-lasting preventative activity
Group 11

Aliette®
Fully systemic fungicide that protects from blister spot, crown and root rot
Group U

Herbicides

Ignite®
Non-selective burndown in orchards
Group 10

sencor®
Reliable, efficient control of a broad spectrum of broadleaf weeds and annual grasses
Group 5

BayerCropScience.ca
1 888-293-6847
or contact your Bayer CropScience representative.

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Plan your apple spray program with Bayer CropScience

At Bayer CropScience, we have a broad range of leading crop protection products to help you improve the productivity and bottom line of your apple operation.

This apple spray guide is arranged in three sections – insects, diseases and weeds. Each section lists problem pests with recommended Bayer CropScience products, including application timing and rates based on apple development stages. We hope this reference guide comes in handy as you plan your spray programs for the coming year.
Insects | Green tip | Half-inch | tight cluster | pink bloom | petal fall/calyx | Fruit set/first cover | Subsequent summer sprays | Pre-harvest | Application rate | Maximum applications | Not more than 1.83 L/ha (740 mL/ac.) per season |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
Aphids (from apple, green apple) | calypso | 365-435 mL/ha (148-176 mL/ac.) | Not more than 1.83 L/ha (740 mL/ac.) per season |
Apple leaf curling midge | decis | 365-435 mL/ha (148-176 mL/ac.) | Not more than 1.83 L/ha (740 mL/ac.) per season |
Apple maggot | calypso | 441 mL/ha (170 mL/ac.) | 365-435 mL/ha (148-176 mL/ac.) | Not more than 1.83 L/ha (740 mL/ac.) per season |
Apple rust mite | enrydor | 500 mL/ha (194 mL/ac.) | 1 |
Codling moth | calypso | 1st generation: 250-340 mL/ha (101-136 mL/ac.) | 2nd generation: 441 mL/ha (170 mL/ac.) | Not more than 1.83 L/ha (740 mL/ac.) per season |
Eastern tent caterpillar | Seen JLA | 0.35 L/ha (2.31 L/ac.) | 3 |
European red mite | enrydor | 365 mL/ha (140 mL/ac.) | 1 |
Leafflower | calypso | 440 mL/ha (170 mL/ac.) | 365-435 mL/ha (148-176 mL/ac.) | Not more than 1.83 L/ha (740 mL/ac.) per season |
McDaniel spider mite | calypso | 365-505 mL/ha (148-202 mL/ac.) | Not more than 1.83 L/ha (740 mL/ac.) per season |
Mealbug | calypso | 141-220 mL/ha (57-85 mL/ac.) | 3 |
Mullein bug | calypso | 365 mL/ha (140 mL/ac.) | 2 |
Oriental fruit moth | calypso | 441 mL/ha (170 mL/ac.) | 200-250 mL/ha (81-101 mL/ac.) | 365 mL/ha (140 mL/ac.) | Not more than 1.83 L/ha (740 mL/ac.) per season |
Plum curculio | calypso | 290-440 mL/ha (117-178 mL/ac.) | 2 |
San Jose scale | calypso | 365-505 mL/ha (148-202 mL/ac.) | Not more than 1.83 L/ha (740 mL/ac.) per season |
Tentiform leafminer | calypso | 141-220 mL/ha (57-85 mL/ac.) | 3 |
Tortoiseshell | calypso | 365 mL/ha (140 mL/ac.) | 235 mL/ha (92 mL/ac.) | 3 |
Winter moth | calypso | 365 mL/ha (140 mL/ac.) | 1 |
Woolly apple aphid | calypso | 365-430 mL/ha (148-176 mL/ac.) | Not more than 1.83 L/ha (740 mL/ac.) per season |

Applicator: tractor and power and hand-held sprayer

Apple scab | 140-175 g/ha (57-71 g/ac.) | 4 |
Blister spot | 750-1000 g/ha (300-400 g/ac.) | 4 |
Bacterial leaf blight | 2 g/ha (0.8 kcal/g) | 3 |
Brown spot | 140-175 g/ha (57-71 g/ac.) | 4 |
Codling moth | 150-210 g/ha (61-81 g/ac.) | 4 |
Ehlichia | 140-210 g/ha (57-85 g/ac.) | 4 |
Pendulum | 1.5-2.2 L/ha (61-810 mL/ac.) | 1 |
Propanil | 140-210 g/ha (57-85 g/ac.) | 4 |
Phytophthora | 3-5 g/ha (1.2-2 kcal/g) | 3 |
Soil rot | 140-210 g/ha (57-85 g/ac.) | 4 |

Applicator: power and tractor sprayer

Grassy and broadleaf weeds | Power and tractor sprayer | 2.75-5 L/ha (1.11-2.02 L/ac.) | 500-1000 g/ha (202-405 g/ac.) | 1 |

Weeds | 140-175 g/ha (57-71 g/ac.) | 4 |

For use in Ontario only.

1 Apply for use in Ontario only.

2 For use in Ontario only.

3 For use in Ontario only.

4 For use in Ontario only.

5 For use in Ontario only.

6 For use in Ontario only.