

Home Fruit Insecticides

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Recently, several commonly-used insecticides for the control of insects in home fruit trees and berries have been taken off the market. As a result, it's becoming ever more challenging for home gardeners to find suitable insecticide products at garden centers, discount stores, and hardware stores. This listing will help identify some of the suitable products that may replace products that are no longer available. Please be sure to note the product names carefully as several products have similar names, and make sure you check that the active ingredient on the product label is what you're looking for.

Fruit insecticides that have lost their registration include diazinon and chlorpyrifos (Dursban). The following products are still available and effective for the control of the insects listed. Control recommendations for pests such as aphids, leafrollers, and plum curculio that are common to several tree fruits are listed under apple only.

Apples

Aphids

- Carbaryl, Malathion, Methoxychlor (Bonide Fruit Tree Spray)
- Dimethoate (Hi-Yield Cygon)
- Endosulfan (Hi-Yield Thiodan)
- Esfenvalerate (Ortho Bug-B-Gone)
- Malathion/Methoxychlor (Fertilome Triple Action, Ortho Home Orchard Spray)
- Permethrin (several products)
- Phosmet (Bonide Imidan WP)

Apple Maggot

- Carbaryl (Sevin)
- Esfenvalerate (Ortho Bug-B-Gone)
- Malathion/Methoxychlor (Fertilome Triple Action, Ortho Home Orchard Spray)
- Phosmet (Bonide Imidan WP)

Codling Moth

- Carbaryl (Sevin)
- Carbaryl, Malathion, Methoxychlor (Bonide Fruit Tree Spray)
- Esfenvalerate (Ortho Bug-B-Gone)
- Malathion/Methoxychlor (Fertilome Triple Action, Ortho Home Orchard Spray)
- Permethrin (several products)
- Phosmet (Bonide Imidan WP)

Leafrollers

- *Bacillus thuringiensis* (Dipel, Thuricide, Others)
- Carbaryl (Sevin)
- Carbaryl, Malathion, Methoxychlor (Bonide Fruit Tree Spray)

Leafrollers (Continued)

- Esfenvalerate (Ortho Bug-B-Gone)
- Malathion/Methoxychlor (Fertilome Triple Action, Ortho Home Orchard Spray)
- Permethrin (several products)
- Phosmet (Bonide Imidan WP)

Mites (Includes Pear Rust Mite)

- Dormant Oil
- Insecticidal Soaps

Plum Curculio

- Carbaryl (Sevin)
- Carbaryl, Malathion, Methoxychlor (Bonide Fruit Tree Spray)
- Esfenvalerate (Ortho Bug-B-Gone)
- Malathion/Methoxychlor (Fertilome Triple Action, Ortho Home Orchard Spray)
- Permethrin (several products)
- Phosmet (Bonide Imidan WP)

Scales

- Esfenvalerate (Ortho Bug-B-Gone)
- Insecticidal soap (Safer's, Concern)
- Dormant oil

Pears

Pear Psylla

- Esfenvalerate (Ortho Bug-B-Gone)
- Permethrin (several formulations)

Raspberries

Aphids

- Insecticidal Soap (Safer's, Concern)
- Malathion

Cane Borer

- Carbaryl (Sevin)
- Rotenone

Fruitworm

- Carbaryl (Sevin)
- Rotenone

Leafrollers

- Carbaryl (Sevin)

Picnic Beetles

- Carbaryl (Sevin)
- Malathion
- Rotenone

Sawfly

- Carbaryl (Sevin)
- Malathion
- Rotenone

Stone Fruits

(Apricots, Cherries, Peaches, Plums)

Cherry Fruit Fly

- Carbaryl (Sevin)
- Carbaryl, Malathion, Methoxychlor (Bonide Fruit Tree Spray)
- Phosmet (Bonide Imidan WP)
- Rotenone

Cherry Fruitworm

- Carbaryl (Sevin)
- Phosmet (Bonide Imidan WP)

Peachtree & Lesser Peachtree Borers

- Endosulfan (Hi-Yield Thiodan)
- Esfenvalerate (Ortho Bug-B-Gone)
- Permethrin (several products)

Tarnished Plant Bug & Stink Bug

- Carbaryl (Sevin)
- Endosulfan (Hi-Yield Thiodan)
- Esfenvalerate (Ortho Bug-B-Gone)
- Permethrin (several products)

Strawberries

Aphids

- Endosulfan (Hi-Yield Thiodan)
- Insecticidal Soap (Safer's, Concern)
- Malathion/Methoxychlor (Fertilome Triple Action, Ortho Home Orchard Spray)

Cyclamen Mites

- Endosulfan (Hi-Yield Thiodan)
- Malathion

Leafhoppers

- Endosulfan (Hi-Yield Thiodan)
- Malathion
- Rotenone

Picnic Beetles

- NONE

Plant Bugs

- Carbaryl (Sevin)
- Endosulfan (Hi-Yield Thiodan)
- Malathion/Methoxychlor (Fertilome Triple Action, Ortho Home Orchard Spray)

Slugs

- Iron Phosphate (Escar-Go, Sluggo)
- Metaldehyde bait (several products)

Spittlebugs

- Carbaryl (Sevin)
- Endosulfan (Hi-Yield Thiodan)
- Malathion/Methoxychlor (Fertilome Triple Action, Ortho Home Orchard Spray)

Strawberry Leafroller

- *Bacillus thuringiensis* (Dipel, Thuricide, Others)
- Carbaryl (Sevin)
- Endosulfan (Hi-Yield Thiodan)
- Malathion/Methoxychlor (Fertilome Triple Action, Ortho Home Orchard Spray)
- Rotenone

Strawberry Bud Weevil

- Malathion/Methoxychlor (Fertilome Triple Action, Ortho Home Orchard Spray)

White Grubs

- NONE

For more information on insecticides: See University of Wisconsin Garden Facts X1095, X1096, X1097, or contact your county Extension agent.