

Spectrum®

Spectracide

lawn & garden
insect
control

Active Ingredients:
O,O-diethyl O-(2-
isopropyl-6-
methyl-4-pyrimid-
inyl) phosphorothioate 25.0%
Xylene range
aromatic solvent 56.3%
Inert Ingredients: 18.7%
Total: 100.0%

Contains
Diazinon[®] insecticide.
Spray concentrate.

WARNING:
Keep out of reach of children.
See end of label for additional warnings.

Protects
Lawns
Vegetables
Fruits & Nuts
Roses
Flowers
Trees
Shrubs

Controls
Ants, Aphids
Chinch Bugs
Cutworms
Flea Beetles
Grubs, Mites
Sod Webworms
and many others

See Directions for
Applying Spectracide for
specific recommendations.

Kills many outdoor insects which destroy lawns, roses, flowers, trees, and shrubs, or annoy pets and people. (Refer to label directions for specific insects controlled.) Contains Diazinon[®] insecticide which provides positive control of many "hard-to-kill" sucking and chewing insects. Spectracide works fast and remains effective for an extended period of time.

How to Mix and Apply:

Step #1: Determine size of spraying job. For lawns and vegetables, measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear, or in advance of an expected infestation. Repeat applications as needed or as noted in the rate chart.

Step #2: Use clean sprayer. Carefully measure and mix the amount of Spectracide and water as suggested in the rate chart.

Step #3: Spray as directed in rate chart. Use coarse drenching sprays for lawns, soil and other surface applications. Use medium-fine mist sprays for trees and plants. Thorough coverage is important. Flush sprayer with clean water after each use.

Use contents within 6 months after opening.

See chart for complete insect list. Use rates shown unless otherwise indicated.

1 fl. oz. = 6 teaspoons or 2 tablespoons
8 fl. oz. = 1 pt. or 1 cup.
1 fl. oz. in 3 gals. of water =
2 teaspoons in 1 gal. of water
or 8 fl. oz. in 24 gals.

Note: Do not use on ferns, poinsettia, hibiscus, papaya, pilea, gardenia and orchids since injury may occur.

Directions For Applying Spectracide

Problem Areas	Pests — Rates and Directions
Lawns Bent, Bermuda, Bluegrass, Dichondra, Fescue, Merion, St. Augustine	Ants, Armyworms, Bermudagrass Thrips, Brown Dog Ticks*, Chiggers, Crickets, Cutworms, Earwigs, Fleas, Frit Flies, Lawn Billbugs**, Chinch Bugs*, Lawn Moths (Sod Webworms), Leafhoppers, Mites (Bermuda, Clover), Sowbugs (Pillbugs), Springtails (Collembola) 1 fl. oz. in 3 gals. of water covers 125 sq. ft. 8 fl. oz. in 24 gals. of water covers 1,000 sq. ft. Thoroughly wet down grass a few hours before applying. *Brown Dog Ticks: Do not apply to animals. In particular, spray under shrubbery and the grass next to house. **Lawn Billbugs: Water the lawn thoroughly immediately after treatment. †In the North, if Chinch Bugs are the only lawn insect problem, a lower rate of application can be used: ½ fl. oz. in 3 gals. of water covers 125 sq. ft.
	Millipedes 2 fl. oz. in 3 gals. of water covers 125 sq. ft. Thoroughly wet grass a few hours before applying.
	Rhodesgrass Scales 1 fl. oz. in 3 gals. of water covers 100 sq. ft. Apply when Scale Crawlers first emerge.
	Ants, Digger Wasps* 1 fl. oz. in 3 gals. of water covers 125 sq. ft. Spot spray ant hills and wasp ground nest openings. *Make the application when the wasps are not active.
	Billbugs*, White Grubs** of Japanese Beetle, European Chaffer, Southern Chaffer 1 fl. oz. in 3 gals. of water covers 125 sq. ft. Water grass thoroughly after application. *Billbug control: Apply when activity is first observed or when chewed or brown grass is present, indicating damage from the insect. **Grub control: Make application any time between late July and early October.
	Hyperodes Weevil (New York only) ¾ fl. oz. in 3 gals. of water covers 125 sq. ft. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.
	Fire Ants To aid in the control of fire ants in lawns and other recreation areas, apply 1 fl. oz. (2 tsp.) in a minimum of 1 gal. of water as a drench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted product as a gentle rain at the rate of 1 gal. per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness. Note: For best results, apply in cool weather, 65-80° F, or in early morning or late evening hours. Treat new mounds as they appear.

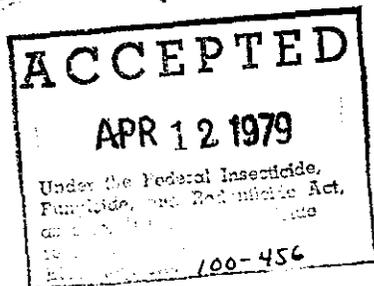
Trees & Shrubs

Arborvitae, Azalea,
Birch, Boxwood,
Camellia, Douglas Fir,
Elm, Hawthorn,
Holly, Juniper, Lilac,
Locust, Maple,
Mimosa, Oak, Pine,
Plum, Poplar,
Rhododendron,
Spruce, Willow

Wet leaves and branches to the dripping point. Try to penetrate dense foliage.

Aphids, Bagworms, European Pine Shoot Moths, Holly Bud Moths, Dip-
terous Leafminers (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak),
Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European Red,
Privet, Twospotted Spider), Obscure Root Weevils, Omnivorous Leaf-
tiers, Scale Crawlers (Colony-cushion, Euonymus, Lecanium, Pine
Needle, Pit Scale, San Jose, Soft)

1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.



	Webworms (Juniper, Mimosa*), Whiteflies 1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray. *Mimosa Webworms: Apply as a thorough foliar spray when adults first appear. Make two additional applications at 4-5 week intervals. Apple-and-Thorn Skeletonizers, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars, Webworms (Cotoneaster, Fall) 3 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.
Roses & Flowers	Wet the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.
Azaleas, Camellias, Chrysanthemums, Carnations, Gladiol, Lilac, Rhododendron, Roses	Aphids, Euonymus Scale Crawlers, Flea Beetles, Dipterous Leafminers, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Twospotted Spider), Thrips, Whiteflies 1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.
Fruits & Nuts	Start spraying after blooming. Applications should be made according to infestation or when aphids, mites, and crawler stages of scale insects are first noted. If infestations warrant, repeat applications at 7 to 10-day intervals.
Almonds, Filberts, Pecans, Walnuts	Aphids, Nut Casemakers (pecans), Scale Crawlers, Spider Mites 1/2 fl. oz. in 3 gals. of water. Apply as a full cover spray. Do not apply after husks open or split.
Apples, Pears	Aphids, Codling Moths, Eyespotted Bud Moths, Fruitree Leafrollers, Leafhoppers, Tentiform Leafminers (pears), Maggots (apples), Mealybugs, Mites (European Red, Clover [brown], Pacific, Twospotted Spider), Psylla (pears), Scale Crawlers (Cottony cushion, San Jose, Forbes, Soft) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray. On apples, slight russeting may occur on some varieties such as Golden Delicious.
Apricots, Peaches, Nectarines	Aphids, Apricot Mealybugs (apricot), Mites (Clover [brown], Twospotted Spider), Scale Crawlers (Olive, San Jose) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Cherries	Black Cherry Aphids, Cherry Fruitflies, Cherry Fruitworms (Maggots), Fruitree Leafrollers, Mites (Cherry Rust), Scale Crawlers (San Jose) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Figs	Dried Fruit Beetles, Vinegar Flies (<i>Drosophila</i> spp.) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Plums, Prunes	Aphids (Leafcurl, Plum, Mealy Plum, Thistle), Mites (Clover [brown], European Red) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Caneberries (blackberries, boysenberries, dewberries, loganberries, raspberries)	Aphids, Leafhoppers, Raspberry Sawflies, Raspberry Fruitworms, Twospotted Mites, Thrips 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Blueberries	Aphids, Blueberry Maggots, Cranberry Fruitworms, Cherry Fruitworms, Cherry Fruitworms (Maggots), Twospotted Mites, Thrips 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Strawberries	Aphids, Twospotted Mites, Strawberry Leafrollers 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Grapes	Aphids, Grape Berry Moths, Grape Leafrollers, Leafhoppers, Scale Crawlers 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Grapfruit, Lemons, Oranges	Citrus Thrips, Scale Crawlers (Citrus Snow**, Cottony cushion) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray. **2 fl. oz. in 3 gals. of water. Apply as a full cover spray after blooming and again in the summer. Thorough spray coverage of tree trunk, limbs and twigs is essential.
<p>1 After spraying, do not pick fruit within: 5 days — Strawberries, Figs 7 days — Blueberries, Caneberries 10 days — Apricots, Cherries, Grapes, Nectarines, Plums, Prunes 14 days — Apples, Pears 21 days — Grapfruit, Lemons, Oranges, Peaches</p>	
Vegetables²	Thoroughly spray all plant parts. Generally, applications at 7 to 10-day intervals may be required. Do not feed treated vines to livestock.
Foliar Application	
Beans, Peas	Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetles, Mites 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Cabbage, Cauliflower, Collards, Broccoli, Kale, Radishes, Turnips	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbageworms, Dipterous Leafminers 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Carrots, Celery, Endive, Lettuce, Parsnip, Spinach	Aphids, Flea Beetles, Leafhoppers, Dipterous Leafminers, Mites 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Cantaloupes, Cucumbers, Muskmelon, Squash (summer, winter), Watermelon	Aphids, Thrips, Mites 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Peppers, Potatoes, Tomatoes	Aphids, Colorado Potato Beetles, Fall Armyworms (tomato), Flea Beetles, Leafhoppers, Southern Armyworms (potato and tomato), Vinegar Flies (<i>Drosophila</i> spp. (tomato)) 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Onions	Onion Thrips 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.
Sweet Corn	Aphids, Flea Beetles, Grasshoppers, Mites 1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

² See footnote for vegetables on back.

Directions For Applying Spectracide

Problem Areas	Pests — Rates and Directions
Vegetables² Preplant Soil Application	
Cabbage	Cutworms (Surface, Subterranean)
Carrots, Corn, Lettuce, Peas, Pole Beans, Radishes, Red Beets, Snap Beans, Tomatoes, Turnips	6 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Immediately work into soil 2-3 inches for Surface Cutworms. 3-6 inches for Subterranean Cutworms. Garden Symphylans (Garden Centipedes) 15 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Immediately work into soil 4-8 inches. Mole Crickets, Carrots, Corn, Peas, Pole Beans, Red Beets, and Snap Beans Only 1.5 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Apply 1-2 days before sowing or transplanting. Immediately work into soil 1-2 inches. Root Maggots, Cabbage Only 4.5 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Immediately work into soil 3-4 inches before seeding either in seed bed or in field or before transplanting. Wireworms: Cabbage, Carrots, Corn, Lettuce, Peas, Snap Beans, and Tomatoes Only 6 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage. Apply broadcast just before planting. Immediately work into soil 4-8 inches.

- ² After spraying, do not pick vegetables within
- 1 day — Peas, Tomatoes, Sweet Corn
 - 3 days — Cantaloupes, Muskmelons, Winter Squash, Watermelons
 - 5 days — Broccoli, Cauliflower, Peppers
 - 7 days — Beans, Cabbage, Cucumbers, Summer Squash
 - 10 days — Carrots, Celery, Collards, Endive, Kale, Lettuce, Onions, Parsnips, Radishes, Spinach, Turnips
 - 35 days — Potatoes

Nuisance Pests in Outside Areas

Ants**, Boxelder Bugs, Brown Dog Ticks**, Chiggers†, Clover Mites**, Cockroaches, Crickets**, Earwigs**, Fleas**, Flies**, Millipedes**, Sowbugs (Pillbugs)**†, Spiders, Springtails (Collembola)**†
8 fl. oz. in 3 gals. of water
Thoroughly spray window and door screens, sills, foundations, porch and patio walls and ceilings, entranceways, walks, garbage cans, tree trunks, and into cracks and other places where insects can hide.
Do not treat plants or animals.
*Spray a 5 ft. band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet.
†See lawn recommendations for other control measures for these pests.

Fire Ants

See lawn recommendations for rates and directions.

Warning:

Keep out of reach of children.
May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not permit children or pets to go onto the sprayed grass until the spray has completely dried. Keep out of reach of domestic animals. Do not use, pour, spill or store near heat or open flame. **DO NOT USE IN THE HOME.** Do not contaminate ornamental fish ponds.

Fish and Wildlife Caution:

This product is toxic to fish, shrimp, crab, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

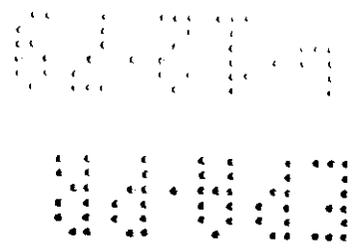
This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Disposal:

Do not reuse empty container. Wrap container and put in trash collection.
Spectrum®, Diazinon®, and Spectracide® trademarks of CIBA-GEIGY
EPA Reg. No. 100-456

Spectrum Home and Garden Products
Agricultural Division
CIBA-GEIGY Corporation
Greensboro, N.C. 27409

CGA A19LC



Proposed Sticker For Cap
Spectracide® Lawn and Garden Insect Control
EPA Reg. No. 100-456



AIDS IN THE CONTROL
OF FIRE ANTS

000000

000000