

NET WEIGHT

ARCADIAN®

50 POUNDS

50% THIODAN®

WETTABLE POWDER

CODE 9654

U.S. Patent No. 2,799,685

USDA Reg. No. 218-483

ACTIVE INGREDIENT:

*Endosulfan50.0%

INERT INGREDIENTS50.0%

*Hexachloro-hexahydro-methano-2,4,3-benzodioxathiepin oxide

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ALLIED CHEMICAL CORPORATION
DEPARTMENT AG
40 RECTOR STREET
NEW YORK, N. Y. U.S.A.

DIRECTIONS

Apply when insects first appear and repeat as needed, unless otherwise indicated. Use in 100 gallons of water, unless otherwise indicated.

APPLES: For control of Apple Aphid, Woolly Apple Aphid, and Apple Rust Mite, use one pound. Do Not use more than 5 pounds per acre for Apple Aphid, not more than 8 pounds per acre for Woolly Apple Aphid or Apple Rust Mite.

Do Not apply within 30 days of harvest nor make more than 2 applications during fruiting period for Woolly Apple Aphid and Apple Rust Mite.

Do Not apply within 21 days of harvest nor make more than 3 applications during fruiting period or Do Not apply within 30 days of harvest for Apple Aphid.

Fruit from treated apples should not be fed to livestock.

PEACHES, APRICOTS, NECTARINES, PLUMS AND PRUNES, AND CHERRIES: On Peach, Apricot and Nectarine for control of Cat-facing Insects, Green Peach Aphid, and Peach Twig Borer, use one pound per acre. For Peach Tree Borer, use 1½ pounds, thoroughly wetting trunks and main branches.

Do Not apply within 30 days of harvest nor make more than 2 applications during fruiting period.

For Black Cherry Aphid, use one pound. Do Not make more than 2

GRAPES: For Grape Leafhopper and Rose Chafer, use one pound in 100 gallons of water. Do Not use on Concord variety since injury is likely to occur. Do Not apply within 7 days of harvest.

On vegetable and other crops below apply when insects first appear and repeat as needed, unless otherwise indicated. Use enough water to give good coverage, unless otherwise indicated.

VEGETABLES

POTATOES: For Flea Beetle, Colorado Potato Beetle, Leafhopper, and Aphids in Eastern areas, use one pound per acre; in Western areas, use 1 to 2 pounds per acre. For Southern Armyworm, Green Stink Bug, Plant Bugs, Potato Tuberworm, and Whitefly, use 1 to 2 pounds per acre.

For Three-lined Potato Beetle, use one pound per acre, for Potato Psyllid and European Corn Borer, use 1½ to 2 pounds per acre, for False Chinch Bug, use 2 pounds per acre. Apply as needed, up to harvest.

EGGPLANT AND TOMATOES: For Aphids, Colorado Potato Beetle, Flea Beetle, Green Stink Bug, Blister Beetle, and Whitefly, use one pound per acre. For Hornworm on Tomato, use 1 to 2 pounds per acre. Do Not apply within 1 day of harvest.

CAULIFLOWER: For control of Cabbage Looper, Diamond-back Moth Larvae, and Cabbage Worms, use 1 to 1½ pounds per acre; for Flea Beetle, Harlequin Bug, and Stink Bug, use 1½ pounds per

SAFFLOWER: For control of Green Peach Aphid, use 2 pounds per acre. Do Not apply after flower heads open.

SOYBEANS: For control of Green Stink Bug and Mexican Bean Beetle, use one pound per acre. Do Not apply after pods begin to form. Do Not feed threshings to livestock.



SEED PEAS: For Pea Aphid and Pea Weevil, use 1 to 1½ pounds per acre. Do Not feed treated vines or threshings to dairy or meat animals.

COMPATIBILITY

THIODAN is incompatible with the following: Calcium Arsenate, Lime, and Zinc Sulfate plus Lime.

WARNING: Keep out of reach of children

Hazardous if swallowed, inhaled, or absorbed through the skin. Do Not breathe spray mist or vapor. Do Not get on skin, in eyes, or on clothing.

Apply when insects first appear and repeat as needed, unless otherwise indicated. Use in 100 gallons of water, unless otherwise indicated.

APPLES: For control of Apple Aphid, Woolly Apple Aphid, and Apple Rust Mite, use one pound. Do Not use more than 5 pounds per acre for Apple Aphid, not more than 8 pounds per acre for Woolly Apple Aphid or Apple Rust Mite.

Do Not apply within 30 days of harvest nor make more than 2 applications during fruiting period for Woolly Apple Aphid and Apple Rust Mite.

Do Not apply within 21 days of harvest nor make more than 3 applications during fruiting period or Do Not apply within 30 days of harvest for Apple Aphid.

Pomace from treated apples should not be fed to livestock.

PEACHES, APRICOTS, NECTARINES, PLUMS AND PRUNES, AND CHERRIES: On Peach, Apricot and Nectarine for control of Cat-facing Insects, Green Peach Aphid, and Peach Twig Borer, use one pound. For Lesser Peach Tree Borer, use 1½ pounds, thoroughly wetting trunks and main branches.

Do Not apply within 30 days of harvest nor make more than 2 applications during fruiting period.

For Black Cherry Aphid, use one pound. Do Not make more than 2 applications after shuck split. Do Not apply within 21 days of harvest.

For Peach Tree Borer, use one pound in the West, 1½ pounds in other areas. Spray all bark areas from ground to scaffold limbs, as needed. Do Not apply within 21 days of harvest.

PEAR: For control of Pear Leaf Blister Mite, use ½ to 1 pound. Apply as a post-harvest or dormant treatment. For Conspicuous Stink Bug, use one pound. Do Not apply within 7 days of harvest nor make more than 2 applications during fruiting period.

PECAN: For control of Pecan Nut Case Bearer, use 1 to 1½ pounds. Apply when eggs of first generation appear on tips of young nuts, and after second-generation eggs are deposited, if needed. For Black Pecan Aphid, use 1½ pounds. Do Not apply after shuck split. Do Not graze meat or dairy animals in treated groves.

WALNUTS: For control of Walnut Aphid, use 3 to 4 pounds per acre in enough water for good coverage. Apply when Aphids first appear and repeat as needed. Do Not apply after husk split.

STRAWBERRIES: For Cyclamen Mite, use 8 pounds in 800 gallons of water per acre for Western areas, 4 pounds in 400 gallons of water per acre for Eastern areas. Do Not apply at intervals of less than 35 days. For Strawberry Aphid and Meadow Spittlebug, use 1 to 2 pounds per acre. Do Not apply at intervals of less than 15 days, or more than twice during any 35-day period when fruit is

100 gallons of water. Do Not use on Concord variety since injury is likely to occur. Do Not apply within 7 days of harvest.

On vegetable and other crops below apply when insects first appear and repeat as needed, unless otherwise indicated. Use enough water to give good coverage, unless otherwise indicated.

VEGETABLES

POTATOES: For Flea Beetle, Colorado Potato Beetle, Leafhopper, and Aphids in Eastern areas, use one pound per acre; in Western areas, use 1 to 2 pounds per acre. For Southern Armyworm, Green Stink Bug, Plant Bugs, Potato Tuberworm, and Whitefly, use 1 to 2 pounds per acre.

For Three-lined Potato Beetle, use one pound per acre, for Potato Psyllid and European Corn Borer, use 1½ to 2 pounds per acre, for False Chinch Bug, use 2 pounds per acre. Apply as needed, up to harvest.

EGGPLANT AND TOMATOES: For Aphids, Colorado Potato Beetle, Flea Beetle, Green Stink Bug, Blister Beetle, and Whitefly, use one pound per acre. For Hornworm on Tomato, use 1 to 2 pounds per acre. Do Not apply within 1 day of harvest.

CAULIFLOWER: For control of Cabbage Looper, Diamond-back Moth Larvae, and Cabbage Worms, use 1 to 1½ pounds per acre; for Flea Beetle, Harlequin Bug, and Stink Bug, use 1½ pounds per acre. Do Not apply after edible parts start to form.

BROCCOLI AND CABBAGE: For control of Cabbage Aphids, Cabbage Looper, Diamond-back Moth Larvae, Cabbage Worms, Flea Beetle, Harlequin Bug, and Stink Bug, use 1½ to 2 pounds per acre. Do Not apply within 7 days of harvest.

MELONS: For control of Aphids, Cucumber Beetles, and Striped Cabbage Flea Beetle, use 1 to 2 pounds per acre; for Cabbage Looper, use 2 pounds per acre. Apply up to day of harvest.

CUCUMBER, PUMPKIN AND SQUASH: For control of Aphids, Cucumber Beetles, Striped Cabbage Flea Beetle, and Squash Vine Borer, use 1 to 2 pounds per acre. For Vine Borer, apply weekly to flower buds, stems, and vines, beginning when moths first appear. Apply up to day of harvest.

HEAD LETTUCE: For control of Cabbage Looper, Green Peach Aphid, Diamond-back Moth Larvae, or Imported Cabbage Worm, use 1½ to 2 pounds per acre. Do Not make more than 3 applications after thinning. Do Not apply within 14 days of harvest. Remove wrapper leaves. Do Not feed refuse to livestock.

PEPPER: For Hornworm, Flea Beetle, and Green Peach Aphid, use one pound per acre. Do Not apply within one day of harvest.

BEANS: For Mexican Bean Beetle, use one pound per acre. Do Not apply after pods begin to form and Do Not feed threshings to livestock.

OTHER CROPS

SUGAR BEETS: For control of Green Peach Aphid, use 1 to 2 pounds per acre, for Sugar Beet Webworm, use 1½ to 2 pounds per acre.

acre. Do Not apply after flower heads open.

SOYBEANS: For control of Green Stink Bug and Mexican Bean Beetle, use one pound per acre. Do Not apply after pods begin to form. Do Not feed threshings to livestock.

SEED PEAS: For Pea Aphid and Pea Weevil, use 1 to 1½ pounds per acre. Do Not feed treated vines or threshings to dairy or meat animals.

COMPATIBILITY

THIODAN is incompatible with the following: Calcium Arsenate, Lime, and Zinc Sulfate plus Lime.

WARNING: Keep out of reach of children

Hazardous if swallowed, inhaled, or absorbed through the skin. Do Not breathe spray mist or vapor.

Do Not get on skin, in eyes, or on clothing.

In case of contact, remove contaminated clothing and wash skin with plenty of soap and water; for eyes, flush with water and get medical attention promptly.

Do Not apply or allow to drift to areas occupied by unprotected humans or beneficial animals.

Use clean clothing and wash thoroughly with soap and water after handling and before eating or smoking. During commercial or prolonged exposure to spray mixing, dipping, and loading operations, wear clean synthetic rubber gloves and a mask or respirator of a type passed by the U.S. Department of Agriculture for THIODAN protection.

Workers entering treated areas the day of application should wear protective clothing.

Highly toxic to fish and wildlife. Do Not contaminate any body of water by direct application, cleaning of equipment, or disposal of waste and containers. Do Not apply to any area not specified on the label.

DISPOSAL WARNING: Rinse equipment and containers and dispose of wastes by burying in non-crop areas away from water supplies. Containers should be disposed of by burying with wastes or by burning (use caution and keep out of smoke).

Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

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