

85.12.31

NET WEIGHT 2 kg

CODE X107

SEVIN 50-W

CARBARYL INSECTICIDE
WETTABLE POWDER

AGRICULTURAL

GUARANTEE: CARBARYL 50%

REGISTRATION NO. 17185
PEST CONTROL PRODUCTS ACT

WARNING
POISON

READ THE LABEL BEFORE USING

PRECAUTION: KEEP OUT OF REACH OF CHILDREN

Hazardous if swallowed, inhaled or absorbed through the skin. After handling, wash thoroughly with soap and water before eating or smoking and change to clean clothing. Do not apply or allow to drift to areas occupied by unprotected persons and animals or to streams, lakes or ponds to protect wildlife. Avoid contamination of feed or food, including such crops on which residue is unsafe. For protection of bees avoid use during periods when honeybees are visiting the crop. When necessary to use during such periods, warn beekeepers in advance to locate hives at a safe distance until one week after application.

FIRST AID:

If swallowed, drink enough water to induce vomiting; repeat until vomit fluid is clear. Take patient to nearest hospital taking

this labelled container with you. In case of skin contact, remove contaminated clothing and wash skin with soap and water. If in eyes, flush with plenty of water for 15 minutes and get medical attention.

STORAGE AND DISPOSAL:

Store in cool, dry place away from food and feed. Burn empty bags; stay out of smoke.

COMPATIBILITY: This product is compatible with most commonly used insecticides and fungicides. It is not compatible with Bordeaux mixture, hydrated lime, cassein lime spreaders and liquid fertilizers.

Physical compatibility of SEVIN with spray formulations of other pesticides is not fully known. Before preparing large amounts, combinations should be tested by sully dispersing SEVIN, then adding the other pesticide and the remaining portion of water. DO NOT USE MIXTURES THAT CURDLE OR PRECIPITATE. Incompatibility will reduce insect control and may cause mechanical difficulties or plant injury.

NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label and subject thereto the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

DIRECTIONS FOR USE

GENERAL INFORMATION:

All rates "per 1000 litres" are on basis of dilute spray. If rates are given "per hectare", use sufficient water for thorough coverage, depending on type of sprayer and foliage development. For time of application, follow Provincial Spray Guides or when insects first appear. Repeat as necessary to maintain control.

When a range in rates is given, use the lower rate on young vegetable plants, the higher rate on mature plants or when insect infestation is severe. Some phytotoxicity may occur on tender foliage in the presence of rain or high humidity of seven days duration following spraying. THIS PRODUCT IS VERY POISONOUS TO BEES.

INTERVALS BEFORE HARVEST:

Do not apply to crops within the following intervals before harvest:

- 1- day interval for cherry, peach, plum, strawberry, blueberry, carrot, corn, eggplant, pepper, tomato and asparagus.
- 3- day interval for apricot, nectarine, grape, cabbage, cauliflower, broccoli, Brussel sprouts, beans, kohlrabi, head-lettuce, celery, cucumber, melon, squash and pumpkin.
- 7- day interval for apple, pear, raspberry, loganberry, potato, parsnip, horseradish and radish.
- 14- day interval for beet, Chinese cabbage, leaf-lettuce, endive, kale, parsley, salsify, spinach, Swiss chard, turnip, wheat, barley, oats and rye.

Treated forage (alfalfa and clover) may be fed to dairy animals and any animals being finished for slaughter; livestock must be removed from the area during spraying forage fields.

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GAROX CHEMICALS INC.
R.R. No. 1, Caledonia
Ontario NOA 1A0

DIRECTIONS FOR USE

APPLES AND PEARS: Use 3.25 kg per hectare for Codling Moth, Eye-spotted Bud Moth, Redbanded Leafroller (1st brood). Apple Leafhopper, Apple Mealy Bug. Use 6.75 kg per hectare for Plum Curculio, Lecanium Scale. Fruit Tree Leafroller, Apple Maggot,

Red-banded Leafroller (2nd brood), Tent Caterpillar, Tarnished Plant Bug, Tentiform Leaf Miner, Green Fruitworm, San Jose Scale, Pear Leaf Blister Mite. Pear Psylla, Oystershell Scale, Rust Mite, Woolly Apple Aphid, Pistol Casebearer, Pear Slug. For scale control, apply when crawlers are present. For psylla control, apply when eggs hatch or when young nymphs are present. For maggot control, apply at 10-day intervals. Application on apple before Second Cover may cause fruit thinning.

APPLE THINNING: Many factors influence the degree of apple thinning obtained with SEVIN. These include tree age, variety and nutrition, previous crop, pruning, degree of set, bloom, weather and use of other chemical thinners. When any of these favour reduced fruit set, caution should be observed in applying SEVIN so that excessive thinning and possible yield reduction will not occur. Recommended dosages refer to kilograms of SEVIN 50W per 1000 litres dilute spray. Use 0.5 to 1 kilogram on easily-thinned varieties. Apply for full coverage. On hard-to-thin varieties, use 1 - 2 kilograms. Apply in one spray, timed varieties include Cortland, Jonathan, McIntosh, Red Delicious, Winesap and Yellow Newton. Difficult-to-thin varieties include Baldwin, Ben Davis, Duchess, Early McIntosh, Golden Delicious, Northern Spy, Rhode Island Greening, Wealthy, Yellow Transparent and York Imperial.

PEACHES, APRICOTS, PLUMS, CHERRIES:

Use 6.75 kg per hectare for Oriental Fruit Moth, Plum Curculio, Scale Insects, Peach Twig Borer, Peach Silver Mite, Cat-Facing Insects, Lesser Peach Tree Borer, Cherry Fruit Fly, Apple Maggot, Cherry Fruitworm, Fruit Tree Leafroller.

For scale control, apply when crawlers are present. For Lesser Peach Tree Borer control, spray limbs and trunk thoroughly.

GRAPES: Use 4.5 kg per hectare for Grape Berry Moth and Leafhoppers. Apply in 2000 L per hectare.

STRAWBERRIES: Use 2.25 - 4.5 kg per hectare for Meadow Spittlebug and Strawberry Leafroller. Apply in 1000 - 2000 L per hectare.

BLUEBERRIES: Use 3.25 kg per hectare for Cranberry Fruitworm, Blueberry Maggot, Lecanium Scale. Apply in 1250 - 1500 L per hectare 3 weeks before harvest and repeat 10 days later or as necessary.

RASPBERRIES, LOGANBERRIES: Use 4.5 kg per hectare for Leaf Rollers, Leafhoppers, Raspberry Aphid, Rose Stem Girdler. Apply in 1000 - 2000 L per hectare.

FIELD AND SWEET CORN: Use 2.25 - 3.25 kg per hectare Corn Earworm, European Corn Borer, Fall Armyworm. Consult Provincial spray guides for proper timing. To control Climbing Cutworms apply 0.45 kg per 1000 metres of row in a 25 - 30 cm band over the row when this insect or its damage appears; use at least 200 - 250 L of water per hectare. To control Cereal Leaf Beetle apply 2.25 kg per hectare according to the directions in your Provincial spray guide.

POTATO, TOMATO, EGGPLANT, PEPPERS: Use 1.1 kg per hectare for Colorado Potato Beetle; 2.25 kg per hectare for Potato Flea Beetle, Leafhopper; 2.25 - 4.5 kg per hectare for Tomato Fruitworm, Tomato Hornworm, Fall Armyworm, European Corn Borer; 4.5 - 5.5 kg per hectare for Stink Bug and Tarnished Plant Bug.

BEANS: Use 1.1 kg per hectare for Mexican Bean Beetle; 2.25 kg per hectare for Leafhoppers and Flea Beetles; 4.5 kg per hectare for Lygus and Stink Bugs; 3.25 - 4.5 kg per hectare for Climbing Cutworm.

CUCUMBER, SQUASH, MELONS, PUMPKINS: Use 2.25 kg per hectare for Cucumber Beetles, Squash Bugs, Flea Beetles, Climbing Cutworm and Leafhoppers. Some leaf injury may occur if treatments are made when tender foliage is wet or in the presence of prolonged high humidity.

ASPARAGUS:

Use 2.25 - 5.5 kg per hectare for Asparagus Beetle and Climbing Cutworm on seedlings or spears. Use 4.5 - 9 kg per hectare for Asparagus Beetle on ferns or brush growth in the post harvest period. Do not apply more than once every three days. CARROTS, BEETS, LETTUCE, CABBAGE, BRUSSEL SPROUTS, BROCCOLI, CAULIFLOWER, CHINESE CABBAGE, ENDIVE (ESCAROLE), HORSERADISH, KALE, KOHLRABI, PARSLEY, PARSNIPS, RADISH, SALSIFY, SPINACH, SWISS CHARD, TURNIP:

Use 1.1 - 2.5 kg per hectare for Flea Beetles and Leafhoppers. To control Six-spotted Leafhopper (aster yellow vector), apply 2.25 - 3.35 kg per hectare on a 5 to 7 day schedule. Use 2.25 - 4.5 kg per hectare for Corn Earworm, Armyworms, Cabbage Caterpillars, Spittle Bugs, Lygus and Stink Bugs and Cabbage Looper. For control of Cabbage Looper in commercial plantings

after edible portions begin to form, apply at 5 to 7 days schedule. Where Cabbage Looper is a problem, use another insecticide after heads begin to form.

TOBACCO: In Plant Beds - For Tobacco Flea Beetle, 135 - 170 grams in 33 L per 100 m². In Fields - For Cutworms, mix 2 kg in 25 kg of bran and spread bait at rate of 25 kg per hectare. For Hornworm, Budworms and Flea Beetles, use 1.75 - 2.25 kg per hectare in 500 - 1000 litres of water. Avoid excessive applications in bud of plant as plant injury may result. If late applications are necessary, allow three days before priming or cutting.

ALFALFA, CLOVER, WHEAT, BARLEY, OATS and RYE: For Cereal Leaf Beetles apply 2.25 kg per hectare; this treatment is effective against eggs, larvae and adults if applied at 7 - 24 day intervals. For alfalfa weevil larvae apply 3.25 kg per hectare when noticed; if damage is extensive harvest the crop and apply to stubble. For armyworm and Sweet Clover Weevil apply 2.25 - 4.5 per hectare. For Climbing Cutworm apply 2.25 - 4.5 kg per hectare in at least 500 litres of water. For all these field crop insects repeat treatment in 7 to 14 days if necessary.

ORNAMENTALS: Use 2 - 3 kg per 1000 litres when following insects appear and repeat as needed: Bagworm, Blister Beetles, Boxelder Bug, Elm Leaf Aphid, Elm Leaf Beetle, Flea Beetles, Japanese Beetle, Lace Bug, Leafhoppers; Leaf Miners on Birch, Oak, Boxwood; Leafrollers, Plant Bugs, Rose Aphid, Rose Slug, Scale Insects, Tent Caterpillars, Willow Leaf Beetle, Thrips (exposed), Gypsy Moth, June Beetles, Mealy Bug, Rose Chafer, Pine Sawfly, Black Vine Weevil, Cankerworms, Psyllids. Spray in the early morning or evening. For scale insects apply when crawlers are present. Some leaf injury may occur if treatments are made when tender foliage is wet or in the presence of prolonged high humidity. Do not use on Boston Ivy or Virginia Creeper.

POULTRY: For Northern Fowl Mite and Lice spray 0.5 kg in 50 litres of water directly on 1000 birds. For Bed Bugs and Chicken Mites spray inside of walls, litter and roost surface with 0.5 kg in 50 litres per 1000 m²; for Fowl Ticks spray inside of building in same manner but use 2 kg in 50 litres. For Lesser Mealworms apply 1.25 kg in 100 L per 100 m² of floor space; in broiler houses repeat after each batch of birds. Avoid contamination of nests, eggs, feed and drinking fountains. Do not apply on poultry nests and litter within 7 days before slaughter.

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