

### PRODUCT INFORMATION

MILLER SEVIN #5 AQUA is an extremely fine dispersion of Sevin in water. A dilute spray of SEVIN #5 AQUA is tenacious and quick setting, giving an adhesive residue to plants on partial drying. Sevin is compatible with commonly used insecticides, such as Cygon, Guthion, Lead Arsenate, Malathion, Parathion, Phosphamidon, Systox, Tedion, Thiodan, organic phosphates, and botanicals; also with such fungicides as Captan, Cyprax, Dithane M-22, Dithane M-45, dithiocarbamates, fixed coppers, Folpet, and sulfur. Sevin does not control mites, but is compatible with all common miticides such as Kelthane. Sevin is unstable under highly alkaline conditions. Do NOT use with lime, Bordeaux, lime-sulfur, casein-lime spreaders or other alkaline materials. Some phytotoxicity may occur on tender foliage when prolonged misty rain or high humidity follows spraying.

### OBSERVE THE FOLLOWING USE PRECAUTIONS

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.

The Federal Food and Drug Administration has set official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerance, use only at recommended rates, and do NOT apply closer to harvest than specified.

If Sevin insecticide is used in accordance with label directions, the following crops, including bean vines, carrot tops, cowpea hay, peanut hay, rice straw, soybean hay and sugar beet tops may be grazed or harvested for use as feed for dairy and meat animals without resulting in residues in milk or meat. Tolerance established under the Federal Food, Drug and Cosmetic Act permit the sale of crops bearing probable Sevin residues when Sevin is used in accordance with label directions. While SEVIN #5 AQUA may be applied up to one day before harvest on apples, pears, peaches or strawberries, late applications may result in visible spray deposit.

### DIRECTIONS FOR USE

**BEFORE USING SHAKE OR STIR WELL! CLOSE CONTAINER IMMEDIATELY AFTER USING.** Pour recommended amount of this material into nearly filled spray tank, or pre-mix in a bucket half-filled with water and pour mixture into nearly filled spray tank. Add balance of water. Maintain agitation during filling and spraying operations. Use a screen not finer than 50 mesh in entire system. Do not combine with emulsifiable liquids unless previous experience has proven them physically compatible and safe to use.

**SMALL MEASUREMENTS:** One teaspoonful per gallon is equivalent to 1 pint per 100 gallons per acre. Apply one gallon of dilute spray to 430 sq. ft. of garden area or spray to point of run-off.

### RECOMMENDATIONS—FRUIT INSECT CONTROL

Unless otherwise specified, rates in this section are given in pints of SEVIN #5 AQUA per 100 gal. of dilute spray. If concentrate sprays are used, the amount of SEVIN #5 AQUA per 100 gal. should be adjusted in order to apply the same quantity of Sevin per acre. Apply full coverage in normal spray schedules.

**APPLES, PEARS (East of the Rocky Mountains):** Apple mealybugs, codling moth, green apple aphid, white apple leafhopper: Apply  $\frac{3}{4}$  pt. per 100 gals. water. Where heavy aphid infestations are present, repeated applications may be necessary for optimum control. Apple maggot, apple rust mite, bagworm, Eastern tent caterpillar, European apple sawfly, eye-spotted bud moth, fruit tree leaf roller, green fruitworm, Japanese beetle, pear leaf blister mite, pear psylla, pear rust mite, periodical cicada, plum curculio, red-banded leaf roller, rosy apple aphid, scales (Forbes, lecanium, oystershell, San Jose), tarnished plant bug, teniform leaf miner, woolly apple aphid: Apply  $1\frac{1}{2}$  pts. per 100 gals. water. For optimum scale control, apply when crawlers are present. To control rosy apple aphid, apply before leaves are curled. Apply at 10 day intervals for apple maggot control. Application of Sevin within 30 days after full bloom may also provide fruit thinning. To avoid this, delay use until at least 30 days after bloom. May cause foliar injury if used before second cover on York or McIntosh apples. Do not apply within 1 day of harvest.

**PEACH, APRICOT, NECTARINE:** Codling moth, cucumber beetle, European earwig, fruit tree leaf roller, Japanese beetle, June Beetles, peach twig borer, periodical cicada, plum curculio, red-banded leaf roller, scales (lecanium, olive, San Jose), tarnished plant bug: Apply  $1\frac{1}{2}$  pts. per 100 gal. water. For optimum scale control, apply when crawlers are present. Do not apply within 3 days of harvest on Apricots and Nectarines and within 1 day of harvest on Peaches.

**PLUM, CHERRY, PRUNE:** Black cherry aphid, cherry fruit fly, cherry fruit worm, eye-spotted bud moth, fruit tree leaf roller, Japanese beetle, peach twig borer, plum curculio, prune leafhopper, red-banded leaf roller, scales (Forbes, lecanium, oystershell, San Jose): Apply  $1\frac{1}{2}$  pts. per 100 gal. water. Codling moth, Eastern Tent Caterpillar: Apply  $1\frac{1}{8}$  pts. per 100 gals. water. For optimum scale control apply when crawlers are present. Do not apply within 1 day of harvest. When using normal hydraulic sprayers do not apply more than 550 gallons of finished spray per acre.

**GRAPE:** European fruit lecanium, grape leaf folder, grape leafhopper, grape leaf skeletonizer: Apply  $1\frac{1}{2}$  pints per acre. Grape berry moth, Japanese beetle, June beetles, red-banded leaf roller: Apply  $3\frac{1}{4}$  pts. per acre. Apply just before first brood leaf folder larvae emerge from rolls and as needed for leafhoppers. A dilute spray of 200 gals. per acre is suggested.

**STRAWBERRY:** Meadow spittlebug, strawberry leaf roller, strawberry weevil: Apply  $1\frac{1}{2}$  to  $3\frac{1}{4}$  pts. per acre. A dilute spray of 100 to 200 gals. per acre is suggested. Do not apply within 1 day of harvest.

**BLUEBERRY:** Blueberry maggot, cherry and cranberry fruitworms, European fruit lecanium, Japanese beetle: Apply  $2\frac{1}{4}$  to  $3\frac{1}{4}$  pts. per acre. Apply 3 weeks before harvest and repeat 10 days later or as necessary. Dilute spray of 125 to 150 gals. per acre is suggested.

**CRANBERRY:** Cutworms, fireworms, fruitworm, Japanese beetle, leafhoppers: Apply  $2\frac{1}{4}$  to  $4\frac{3}{4}$  pts. per acre. Apply in late bloom and as needed at 7 to 10 day intervals. A dilute spray of 300 gals. per acre is suggested. Do not apply within 1 day of harvest.

### CAUTION

**KEEP OUT OF REACH OF CHILDREN AND ANIMALS. HARMFUL IF INHALED OR SWALLOWED! Do Not Breathe Spray Mist. Do Not Take Internally. Avoid Breathing of Spray. Skin Contact May be Harmful.** Avoid Contact. Wash Hands Before Eating. Take Shower or Bath After Work. Wear Regular Long Sleeved Work Clothing Change Clothing Daily. **Note for Physician:** Carbaryl is a moderate reversible, Cholinesterase inhibitor. Atropine is antidotal. Avoid contamination of foodstuffs. Avoid contamination of feed, feeding troughs and watering receptacles. Do not reuse container. Destroy when empty.

**Notice:** The use of this material in a manner or at a time other than in accordance with the directions may produce plant injury. Federal Food and Drug Administration has set official tolerances for pesticides residues. Crops having residues in excess of these tolerances should not be marketed without removal of such excess. The use of this material being beyond our control and involving elements of risk to human beings, animals or vegetation, we do not make any warranty, express or implied, as to the effects of such use, when this product is not used in accordance with the directions as stated on this label.

### VEGETABLE INSECT CONTROL

The following rates are in pints of SEVIN #5 AQUA to be applied per acre in sufficient water for thorough coverage. Where a range is indicated, use lower rate on young plants; higher rate on mature plants. Apply when insects or their damage appear. Repeat at 7 to 10 day intervals or as necessary, unless shorter interval is specified below.

# SEVIN

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ACTIVE INGREDIENT: Carbaryl

INERT INGREDIENTS: . . . . .

## CAUTION SEE ADDIT

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5 GALLONS LIQUID  
**AQUA**  
PINTS PER GALLON  
USING

**ACCEPTED**  
FEB 27 1975  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 72-454

PLEASE READ ENTIRE LABEL  
USE TO PREVENT  
DAMAGE TO MATERIAL.

(e) ..... 53.68%  
..... 46.32%

KEEP OUT OF CHILDREN'S  
REACH. SEE SIDE PANELS

Standard Company

(Naphthyl Methylcarbamate)

**ASPARAGUS: Common Asparagus Beetle:** Apply 1½ to 3¼ pts. Apply during cutting season. Do not repeat application within 3 days. Do not apply within 1 day of harvest.  
**BEANS (Green, lima, snap, sowpeas and black-eyed peas): Mexican bean beetle:** Apply ¾ pt. **Bean leaf beetle, cucumber beetles, flea beetles, Japanese beetle, leafhoppers, velvet bean caterpillar, Western bean cutworm:** Apply 1½ pts. **Armyworms, corn earworm, stink bugs, tarnished plant bug:** Apply 1½ to 2¼ pts.  
**CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, KOHLRABI:** Flea beetles, harlequin bug: Apply ¾ to 1½ pts. **Armyworms, corn earworm:** Apply 1½ to 3¼ pts. Where cabbage looper is the principal problem, use an alternative pesticide that is specifically recommended. For control of small cabbage loopers in home gardens (or in commercial plantings after edible portions begin to form) use Sevin in a 5 to 7 day schedule. Do not apply within 3 days of harvest.  
**CORN: Corn earworm, corn rootworm adults, European corn borer, fall armyworm, flea beetles, Japanese beetle, leafhoppers, sap beetles:** Apply ½ to 3¼ pts. For larvae in whorl (budworm damage) and foliage feeders, apply to entire plant. Repeat as necessary. For insects attacking silks and ears, apply at 2 to 3 day intervals starting when first silks appear, and continuing until silks begin to dry. Three or more applications may be required depending on severity of infestation. Timing and good coverage are absolutely essential for good control. Application of this product to the tassel region of corn during the pollen shed period will seriously reduce bee population.  
**CUCUMBER, MELONS, PUMPKINS, SQUASH: (Summer & Winter) Pickleworm, melonworm: Cucumber beetles, flea beetles, leafhoppers, squash bugs:** Apply 1½ pts. Avoid excessive applications. Some leaf injury may occur if treatments are made when tender foliage is wet or in presence of prolonged high humidity. Sevin damages watermelons in Florida.  
**LETTUCE, CARROT: Flea beetle, harlequin bug, leafhoppers:** Apply ¾ to 1½ pts. **Six-spotted leafhopper (aster yellow vector):** Apply 2 to 2¼ pts. in a 5 to 7 day schedule. **Armyworms, corn earworm, spittlebugs, stink bugs, tarnished plant bug:** Apply 1½ to 3¼ pts. For optimum control of corn earworm after lettuce heads begin to form, use 3¼ pts. in a 5 to 7 day schedule. Where cabbage looper is the principal problem, use alternative pesticide that is specifically recommended. Do not apply within 3 days of harvest of Head Lettuce and within 14 days on Leaf Lettuce.  
**POTATO, TOMATO, EGGPLANT, PEPPER: Colorado potato beetle, flea beetles, leafhoppers:** Apply ¾ to 1½ pts. **European corn borer, Fall armyworm, lace bugs, tomato fruitworm, tomato hornworm, stink bugs, tarnished plant bug:** Apply 1½ to 3¼ pts. **POTATOES:** Foliage application only. **TOMATO:** To extend the spray interval to 14-21 days: Add 1 pt. of Nu-Film-17 per acre. **NOTE:** When crop is young and growing rapidly, it is necessary to spray frequently. At this time add Nu-Film-P at the rate of 4 ozs. per acre to improve the efficiency of the spray application. As crop nears vegetative maturity and growth slows, extend schedule as above. No time limitations.

**FORAGE, FIELD CROP, AND TOBACCO INSECT CONTROL**

Dosage rates are given in pints of Sevin 5 Aqua per acre, to be applied in sufficient water for thorough coverage. Apply when insects or their damage appear and repeat 7 to 14 days later if necessary. See specific directions for grasshopper control.  
**ALFALFA, CLOVERS, COWPEAS, PEANUTS, SOYBEANS: Blister beetles, Mexican bean beetle:** Apply ¾ to 1½ pints. **Alfalfa caterpillar, bean leaf beetle, cucumber beetles, green cloverworm, Japanese beetle, leafhoppers, three-cornered alfalfa hopper, thrips, velvetbean caterpillar:** Apply 1½ pts. **Armyworms, corn earworm, stink bugs, webworms:** Apply 1½ to 2½ pts. **Alfalfa Weevil Larvae:** Apply 2½ pints per acre. Make application in the spring. Under severe infestations, cut and apply Sevin to the stubble. Some leaf injury may occur if applications are made when tender foliage is wet. This dosage rate is for use in the Eastern United States.  
**TOBACCO FIELD AND TOBACCO BEDS: FIELD: Hornworms, Budworms, Flea Beetles, June Beetles, Japanese Beetles:** Apply 1½ to 3¼ pts. per acre in 20 or more gals. of water, or 1½ to 3 teaspoonsfuls per gallon of water for each 900 sq. ft. of tobacco bed. **For Budworm:** Apply to buds and top leaves only. Avoid heavy application, as plant injury may result. If late applications are necessary, treat immediately after priming rather than before priming. **Hand Spraying with Knapsack Sprayer:** Use 1½ to 2 teaspoonsfuls per gal. of water. Allow 3 days before priming or cutting.  
**TOBACCO BEDS: For Control of June Beetle Grubs:** Apply ½ pt. per bed (900 sq. ft.) in 5 or more gallons of water as a soil drench. Apply before or after seeding. Apply only to areas where larvae have uprooted plants or when insects or their damage appears. When treating established beds, use water to wash excess from plants into soil surface.  
**RICE, FORAGE GRASSES AND PASTURE: Armyworms, stink bugs:** Apply 1½ to 2¼ pts. **For thrips control in grasses grown for seed,** high spray pressures may help penetration into root. Do not apply within 14 days of harvest on Rice. Treated water may be harmful to fish and other aquatic life.  
**SORGHUMS (including MILO and GRAIN SORGHUM): Armyworms, corn earworm, stink bug, webworms:** Apply 1½ to 3¼ pts. For optimum insect control on grain sorghum, direct spray into the forming heads. **Sorghum midge:** Apply 2½ pts. Treatment for sorghum midge control should be made 3 or 4 days after heads have emerged from boot. Allow 21 days between last application and harvest for Sorghum grain.  
**SUGAR BEETS: Army worm, leafhoppers, webworm:** Apply 1½ to 3¼ pts. Do not apply within 14 days of harvest.  
**POULTRY INSECT CONTROL IN OR AROUND POULTRY HOUSES (Chicken, Ducks, Game Birds, Geese Partridges, Pheasants, Pigeons and Turkeys): Bedbugs, Chicken Mites, Fleas:** Mix 1¼ pts. per 25 gals. of water. Apply 1 to 2 gals. of this mix per 1,000 sq. ft. of floors, roosts and interior surfaces. Increase dosage to 6¼ pts. per 25 gals. for Fowl Tick control. Force spray into cracks. Repeat as needed. Ventilate while spraying. Do not apply directly to eggs or nest litter. Do not contaminate feed or drinking water. Do not house birds in treated houses within 7 days of slaughter. **For Direct Application to Birds To Control Northern Fowl Mite, Chicken Mite and Fleas:** Mix 5 oz. of Sevin 5 Aqua in 5 gals. of water. Apply 1 gal. of this mix per 100 birds in cages, on litter or on slatted floor. Do not apply within 7 days of slaughter. Do not repeat application within 4 weeks. Do not contaminate feed or drinking water.  
**ORNAMENTAL PLANTS, FLOWERS, SHRUBS AND SHADE TREES:** including rose, ixora, hibiscus, carnation, gladiolus, zinnia, chrysanthemum, lilac, arbor vitae, juniper, hydrangea, azalea, elm, oak, maple, dogwood, birch and pines. (DO NOT use on Virginia Creeper or Boston Ivy): Apple aphid, bagworm, birch leaf miner, blister beetles, boxelder bug, boxwood leaf miners, elm leaf aphid, elm leaf beetle, flea beetles, gypsy moth, Japanese beetle, June beetles, lace bugs, leafhoppers, leaf rollers, mealy bugs, mimosa webworm, oak leaf miners, orange tortrix, periodical cicada, plant bugs, puss caterpillars, psyllids, rose aphid, rose-slug, scale insects, tent caterpillars, thorn bugs, thrips (exposed), willow leaf beetles, hibiscus show scale, oleander caterpillar, poinsettia hornworm: Apply 1½ pts. per 100 gals. water (½ level teaspoonsful per gal.) when insects or their damage appear. To maintain control for 3-4 weeks, Add 1 pt. of Nu-Film-17 per 100 gal. of water (1 teaspoonful per 1 gal.).  
**ORNAMENTAL TURF AND LAWN: Ants, Chinch Bugs, Earwigs, Fall Armyworms, Ticks, Fleas, Leafhoppers, Mosquitoes, Sod Webworms (Lawn Moths), Millipedes:** Apply 32-36 ozs. in 150-200 gallons of water for each 5,000 sq. ft. of established lawn area. Use garden hose sprayers or pressure type equipment and apply full water volume to insure penetration of turf. For best results, mow lawn and apply immediately after rain or watering. Repeat in 2 to 3 weeks if necessary. To maintain control for 4 weeks, add 1 pt. of Nu-Film-17 per 100 gals. of water.