

SEVIN®* 50 WETTABLE POWDER

DIRECTIONS FOR USE

Apply the following recommended rates in sufficient water to thoroughly cover one acre. Apply when insects first appear and repeat in a spray schedule or as necessary. Keep spray mixtures well agitated. Observe the interval between last application and harvest indicated by number in () following the crop.

APPLES (1), PEARS (1): Green Apple Aphid, Woolly Apple Aphid, Bagworm, California Pearlug, Codling Moth, Pearleaf Blister Mite, Pear Rust Mite, Eyespotted Bud Moth, Green Fruitworm, Pear Bugs, Orange Tortrix, Pear Psylla, Tentiform Leafminers, Lecanium Scales, Oystershell Scale and San Jose Scale — Use 1½ to 2 pounds per 100 gallons of water; maximum of 12 pounds per acre. For optimum Scale control, apply when Scale Crawlers are present. For Pear control, apply when eggs hatch or when young nymphs are present. Applications within 30 days after full bloom may provide fruit thinning, to avoid this, delay use until at least 30 days after bloom. Foliar injury may result from combination with summer oils.

APPLES (1): Concentrate Spray: Codling Moth, Orange Tortrix, Green Apple Aphid and Green Fruitworm — Use 10 pounds per acre in a minimum of 50 gallons of water by ground or in 20 gallons of water by air applications.

APPLE THINNING: Many factors influence the degree of apple thinning; including tree age, variety and nutrition, previous crop, pruning, degree of set, bloom, weather and use of other chemical thinners. When use of these favor 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 pounds of Sevin 50 Wettable Powder per 100 gallons water.

Concentration: Use ¼ to 1 pound on easily-thinned varieties. Apply for full coverage. On hard-to-thin varieties, use 1 to 2 pounds.

Timing: Apply in one spray between 10 and 25 days after full bloom.

Varietal Response: Easily-thinned varieties include Cortland, Grimes, Jonathan, McIntosh, Orleans, Rome Beauty, Puritan, Bud Delicious, Winesap and Yellow Newton. Difficult-to-thin varieties include Baldwin, Ben Davis, Duchess, Early McIntosh, Golden Delicious, Lady Apple, Northern Spy, Rhode Island Greening, Steele Red, Turley, Wealthy, Yellow Transparent and York Imperial.

PEACHES (1), APRICOTS (3), NECTARINES (3): Codling Moth, Cucumber Beetles, European Earwig, Pandemis Moth, June Beetles, Orange Tortrix, Oriental Fruit Moth, Peach Twig Borer, Fruitree Leafroller, Platynota strobilana, Tussock Moth, Lecanium Scale, San Jose Scale, and Olive Scale — Use 2 pounds per 100 gallons of water; maximums of 12 pounds per acre on Apricots and 16 pounds on Nectarines and Peaches. For optimum scale control apply when crawlers are present.

NECTARINES (1), PEACHES (1): Concentrate Spray: Peach Twig Borer, Oriental Fruit Moth — Use 6 pounds per acre at petal fall stage, or 3 pounds per acre in summer stages in a minimum of 40 gallons of water per acre. Ground application only.

PLUMS (1), PRUNES (1), CHERRIES (1): Black Cherry Aphid, Mealy Plum Aphid, Cherry Fruit Fly, Cherry Fruitworm, Eyespotted Bud Moth, Fruitree Leafroller, Peach Twig Borer, Prune Leafhopper, Brown Soft Scale, Plum Scale, Lecanium Scale, Oystershell Scale and San Jose Scale — Use 2 pounds per 100 gallons of water; maximum of 12 pounds per acre. For optimum scale control, apply when crawlers are present. Eastern Tent Caterpillar, Codling Moth, Orange Tortrix and Tussock Moth — Use 1½ pounds per 100 gallons of water.

OLIVES (0): Olive Scale — Use ½ to 2 pounds with 1½ gallons of summer oil per 100 gallons of water. Do not apply more than twice. Apply when Scale Crawlers are present. Observe caution statements on the oil label.

GRAPEFRUIT (5), LEMONS (5), ORANGES (5), TANGELOS (5), TANGERINES (5), CITRON (5), KUMQUATS (5): California Orange Dog, Citrus Cutworm, Fruitree Leafroller, Orange Tortrix and Western Tussock Moth — Use 2 pounds per 100 gallons of water by ground, or 8 pounds per acre in 20 gallons of water by air applications. Black Scale, Brown Soft Scale, California Red Scale, Citricola Scale and Yellow Scale — Use 1½ to 2 pounds per 100 gallons of water. Do not apply less than 10 gallons of spray per mature tree. Use no more than 4000 gallons of spray per acre.

GRAPES (0): European Fruit Lecanium, Grape Leafhopper, Grape Leafhopper and Grape Leaf-skeletonizer — Use 2 to 4 pounds per 200 gallons of water; maximum of 4 pounds per acre. Apply just before first broad Leafhopper Larvae emerge from rolls and as needed for Leafhoppers. Ground application preferred.

BLACKBERRIES (7), BOYSENBERRIES (7), DEWBERRIES (7), LOGANBERRIES (7), RASPBERRIES (7): Leafrollers, Leafhoppers and Raspberry Aphid — Use 4 pounds per 100 to 200 gallons of water per acre; maximum of 4 pounds per acre.

INSECTICIDE

EPA REGISTRATION NO. 279-1512 AA

ACTIVE INGREDIENT:	BY WT.
*Carbaryl; 1-naphthyl N-methylcarbamate	50.00%
INERT INGREDIENTS:	50.00%
	100.00%

@Trademark of Union Carbide Corporation for the active ingredient, Carbaryl. Sevin, U.S. Pat. Nos. 2,903,478 — 3,009,855.

CAUTION OCT 24 1974

KEEP OUT OF REACH OF CHILDREN

ACCEPTED
279-1512
OCT 24 1974
UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC PESTICIDE REGISTRATION SUBJECT TO ATTACHED COMMENTS.

Harmful if inhaled or swallowed. Avoid breathing dust or spray mist. Do not take internally. Avoid contact with skin or eyes. Wash hands and face before eating. Wash hands and face before eating. Take shower or bath after work. Wear regular long sleeved work clothing. change to clean clothing daily.

AVOID CONTAMINATION OF FOOD, FEED, FEEDING TROUGHS AND WATERING RECEPTACLES.

NOTE TO PHYSICIAN: Carbaryl is a moderate, reversible, cholinesterase inhibitor. Atropine is antidotal.

Some phytotoxicity may occur on tender foliage in the presence of rain or high humidity of several days duration following spraying.

Do not use with lime, Bordeaux, lime sulfur, casein-lime spreaders or other alkaline materials.

For Emergency Assistance Call
716-735-3765

ENVIRONMENTAL AND DISPOSAL CAUTIONS

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.

Do not apply when weather conditions favor drift from the areas treated. Do not apply when run-off is likely to occur.

Rinse equipment and containers and DISPOSE OF WASTES by burying in non-crop land away from water supplies. Empty containers should be buried with wastes or burned. Keep out of smoke.

ALMONDS (0): Peach Twig Borer, San Jose Scale, and Fruitree Leafroller — Use 2 pounds per 100 gallons of water; maximum of 16 pounds per acre. Apply in "popcorn" or petal fall stages and again when the May brood of Peach Twig Borers begin to hatch or thereafter as needed.

FILBERTS (0): Filbert Aphid, Filbert Leafroller and Filbert Moth — Use 2 pounds per 100 gallons of water (400 gallons dilute spray per acre is suggested); maximum of 10 pounds per acre. Apply when Leafroller eggs are hatching. Repeat on first appearance of adult Filbert Moth and again 3 to 4 weeks later.

WALNUTS (0): Codling Moth, Frosted Scale, European Fruit Lecanium, Calico Scale, Filbert-worm and Fruitree Leafrollers — Use 1 pound per 100 gallons of water. Spray 1000 gallons per acre for complete coverage. In concentrate sprays use 10 pounds in at least 200 gallons per acre. For Codling Moth apply when nuts reach ½ to ¾ inch in diameter. Repeat during middle or late June as needed. European Earwig — Use 4 pounds per acre. Spray tree trunks to point of run-off. Use a maximum of 10 pounds per acre or 4 pounds per 100 gallons of water for trunk application.

BEANS (0) (Green, Snap, Lima, Cowpeas and Black-eyed peas): Mexican Bean Beetle — Use 1 pound per acre. Bean Leaf Beetle, Cucumber Beetle, Flea Beetle, Leafhopper, and Western Bean Cutworm — Use 2 pounds per acre. Armyworm — Use 2 to 3 pounds per acre. California: Corn Earworm, Lima Bean Pod Borer, Lygus and Stinkbug — Use 4 pounds per acre.

CORN (0): Corn Earworm, Fall Armyworm, Flea Beetle, and Leafhopper — Use 2 to 4 pounds per acre. For larvae in whorl and foliage feeders apply to entire plant. 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. Application of this product to the tassal region of corn during the pollen shed period will seriously reduce bee populations. Three or more applications may be required depending on severity of infestation. Timing and good coverage are essential for effective control.

CUCUMBER (0), MELONS (0), PUMPKINS (0), SQUASH (0): Melonworm — Use 1 pound per acre. Cucumber Beetle, Flea Beetle, Leafhopper, and Squash Bug — Use 2 pounds per acre. Some leaf injury may occur if treatments are made when tender foliage is wet or in the presence of prolonged high humidity.

GARDEN PEAS (0): Leafhoppers, Colorado Potato Beetle — Use 2 pounds per acre. For Colorado Potato Beetle control apply to weeds in pea field to help prevent insect contamination in processed peas. Armyworm and Grasshoppers — Use 2 to 3 pounds per acre.

TOMATOES (0), EGGPLANTS (0), PEPPERS (0): Colorado Potato Beetle, Flea Beetle and Leaf-hopper — Use 1 to 2 pounds per acre. Fall Armyworm, Lace Bugs, Tomato Fruitworm, Tomato Hornworm, and Stinkbugs — Use 2 to 4 pounds per acre.

OKRA (0): Corn Earworm and Stinkbugs — Use 2 to 4 pounds per acre. Repeat at 5 to 7 day intervals or as necessary.

CABBAGE (3), BROCCOLI (3), BRUSSELS SPROUTS (3), CAULIFLOWER (3), KOHLRABI (3): Flea Beetle and Harlequin Bug — Use 1 to 2 pounds per acre. Armyworm, Cabbage Looper, Imported Cabbageworm and Corn Earworm — Use 2 to 4 pounds per acre. Where Cabbage Looper is the principal problem use an alternative pesticide that is specifically recommended. For control of Small Cabbage Loopers after edible parts begin to form, use in a 5 to 7 day schedule.

ALFALFA (0), CLOVERS (0): Blister Beetles and Alfalfa Weevil Larvae — Use 2 pounds per acre. Alfalfa Caterpillar, Cucumber Beetle, Leafhopper and Thrips — Use 2 pounds per acre. Armyworms, Corn Earworms, Stinkbugs and Webworms — Use 2 to 3 pounds per acre. To avoid possible injury to tender foliage do not apply when foliage is wet or when rain or excessive humidity is expected during the next two days.

ORNAMENTALS; Herbaceous and Annual Plants: Blister Beetle, Flea Beetle, Leafhopper, Mealy-bug, Psyllid, Rose Aphid. **Shrubs, Trees, Woody Plants:** Apple Aphid, Boxelder Bug, Gypsy Moth, Oak Leafminer, Japanese Beetle, Lace Bug, Leafroller, Mealybug, Orange Tortrix, Rose Aphid, Scale Insects, Tent Caterpillar — Use 2 pounds per 100 gallons of water (2 table-spoonsful per gallon, when insects or their damage appear. Repeat weekly or as necessary. Do not use on Boston Ivy and Virginia Creeper as injury will occur. Injury to tender foliage may occur if plants are wet when treated or in presence of high humidity.

CHICKENS, TURKEYS, DUCKS, GEESE, GAME BIRDS, AND PIGEONS: Northern Fowl Mite, Chicken Mite, Lice, Fleas — Apply spray with knapsack or cylinder type compressed air sprayers. Mix 4 pounds in 50 gallons of water. Use 1½ gallons per 1000 hens in cages, on litter, or on slatted floor. Do not contaminate nests and eggs. Do not contaminate feed or drinking water. Repeat in 4 weeks if necessary. Do not apply within 7 days of slaughter.

279-1512

10/24/1974

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ADDITIONAL INFORMATION APPEARING ON BAGS TO WHICH THIS LABEL WILL BE ATTACHED.



Dealers Should Sell in Original Packages Only.

DO NOT ALLOW THIS MATERIAL TO DRIFT ONTO NEIGHBORING CROPS OR NON-CROP AREAS OR USE IN A MANNER OR AT A TIME OTHER THAN IN ACCORDANCE WITH LABEL DIRECTIONS BECAUSE ANIMAL, PLANT OR CROP INJURY, ILLEGAL RESIDUES OR OTHER UNDESIRABLE RESULTS MAY OCCUR.

TERMS OF SALE OR USE: On purchase or use of this product buyer and user agree to the following conditions:

WARRANTY: FMC warrants that this product, as of the time of sale by FMC, (1) conforms to the ingredient statement on the label, and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED THE PRODUCT IS SOLD AS IS. FMC MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

DAMAGES: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages. Notice of any claim must be reported to FMC within 10 days of discovery by buyer or user, failing which buyer or user waives any claim for such damage.

EXCUSE FROM NON-CONTROLLABLE CONDITIONS: Because of certain critical conditions created or incurred by buyer or user or over which FMC has no control, buyer and user, as a condition of purchase or use, assume responsibility for and release FMC from, liability arising out of the handling or use of the product attributable to such causes. No person is authorized to vary or waive any statement contained herein.

