

6830-53

APR 5 1971

OCTAGON PROCESS INC.  
EDGEWATER, NEW JERSEY

# INSECTICIDE, SEVIN\*, 50% Wettable Powder

<u>ACTIVE INGREDIENTS:</u>	<u>PERCENT BY WEIGHT</u>
Carbaryl (1-Naphthyl N-Methylcarbamate)	50.0%
<u>INERT INGREDIENTS:</u>	<u>50.0%</u>
	TOTAL <u>100.0%</u>

## CAUTION KEEP OUT OF REACH OF CHILDREN

READ DIRECTIONS AND CAUTIONS BEFORE USING. SEE OTHER PRECAUTIONS ON THE BACKSIDE PANEL. READ ENTIRE LABEL. USE IN STRICT ACCORDANCE WITH LABEL DIRECTIONS AND CAUTIONS.

HARMFUL IF SWALLOWED OR INHALED. AVOID BREATHING DUST OR SPRAY MIST. AVOID CONTACT WITH THE SKIN. WASH THOROUGHLY AFTER USING. AVOID STORAGE NEAR FEED AND FOOD PRODUCTS.

THIS PRODUCT IS TOXIC TO BEES. ANY USE OF THE PRODUCT WHEN HONEY BEES ARE VISITING THE CROP WILL SERIOUSLY REDUCE BEE POPULATIONS. BEES ARE IMPORTANT POLLINATORS AND ARE ESSENTIAL TO THE PRODUCTION OF MANY CROPS. BEFORE USING THIS PRODUCT DURING SUCH PERIODS, CONSULT YOUR STATE AGRICULTURAL EXTENSION SERVICE.

CLOSE TO HARVEST USE AND RESIDUE TOLERANCES:  
SEVIN may be applied up to 1 day before harvest on apples, pears, peaches, plums, prunes, cherries, and strawberries. It may be applied up to and including the day of harvest on grapes, beans, sweet corn, cucumbers, summer squash, tomatoes, eggplant, peppers and potatoes. Allow 7 days between last application of SEVIN and harvest of corn for use as forage and fodder as feed for dairy and meat animals. Tolerances 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.

FRUIT INSECT CONTROL:  
Recommended dosages refer to pounds per 100 gallons of dilute spray. Keep spray mixtures well agitated. Apply for full coverage in normal spray schedules.

APPLES AND PEARS: East of the Rocky Mountains: 1 pound for codling moth, green apple aphid, white apple leafhopper, apple mealybug. 2 pounds for apple maggot, plum curculio, rosy apple aphid, red-banded leaf roller, pear psylla, periodical cicada, eye-spotted bud moth, European apple sawfly, eastern tent caterpillar, Japanese beetle, tentiform leaf miners, Forbes scale, San Jose scale, oystershell scale and Lecanium scale. 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 optimum apple maggot control. Application of SEVIN before second cover may cause fruit thinning. To avoid this, delay use until at least 30 days after full bloom.

GRAPES: 2 to 3 pounds for grape leaf folder and grape leafhopper. Apply just before first brood larvae emerges from rolls and as needed for leafhoppers. 3 pounds for grape berry moth and Japanese beetle.

PEACHES: 2 pounds for all insect pest listed. For optimum scale control apply when crawlers are present. For lesser peach tree borer control spray limbs and trunk thoroughly.

PLUMS, PRUNES AND CHERRIES: 2 pounds for cherry fruit fly, fruit tree leaf roller, peach twig borer, lesser peach tree borer, black cherry aphid, eye spotted bud moth, plum curculio, red-banded leaf roller, Japanese beetle, Forbes scale, San Jose scale, oystershell scale and Lecanium scales. For optimum scale control apply when crawlers are present.

For lesser peach tree borer control, spray limbs and trunk thoroughly. 1 1/2 pounds for codling moth, eastern tent caterpillar, orange tortrix and western tussock moth.

HARMFUL IF SWALLOWED OR INHALED. AVOID BREATHING OF DUST OR SPRAY MIST. AVOID CONTACT WITH THE SKIN. WASH THOROUGHLY AFTER USING. AVOID STORAGE NEAR FEED AND FOOD PRODUCTS.

THIS PRODUCT IS TOXIC TO BEES. ANY USE OF THE PRODUCT WHEN HONEY BEES ARE VISITING THE CROP WILL SERIOUSLY REDUCE BEE POPULATIONS. BEES ARE IMPORTANT POLLINATORS AND ARE ESSENTIAL TO THE PRODUCTION OF MANY CROPS. BEFORE USING THIS PRODUCT DURING SUCH PERIODS, CONSULT YOUR STATE AGRICULTURAL EXTENSION SERVICE.

**CLOSE TO HARVEST USE AND RESIDUE TOLERANCES**

SEVIN may be applied up to 1 day before harvest on apples, pears, peaches, plums, prunes, cherries, and strawberries. It may be applied up to and including the day of harvest on grapes, beans, sweet corn, cucumbers, summer squash, tomatoes, eggplant, peppers and potatoes. Allow 7 days between last application of SEVIN and harvest of corn for use as forage and fodder as feed for dairy and meat animals. Tolerances 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.

**FRUIT INSECT CONTROL**

Recommended dosages refer to pounds per 100 gallons of dilute spray. Keep spray mixtures well agitated. Apply for full coverage in normal spray schedules.

**APPLES AND PEARS**, East of the Rocky Mountains: 1 pound for codling moth, green apple aphid, white apple leafhopper, apple mealybug. 2 pounds for apple maggot, plum curculio, rosy apple aphid, red-banded leaf roller, pear psylla, periodical cicada, eye-spotted bud moth, European apple sawfly, eastern tent caterpillar, Japanese beetle, tentiform leaf miners, Forbes scale, San Jose scale, oystershell scale and Lecanium scale. 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 optimum apple maggot control. Application of SEVIN before second cover may cause fruit thinning. To avoid this, delay use until at least 30 days after full bloom.

**GRAPES**: 2 to 3 pounds for grape leaf folder and grape leafhopper. Apply just before first brood larvae emerges from rolls and as needed for leafhoppers. 3 pounds for grape berry moth and Japanese beetle.

**PEACHES**: 2 pounds for all insect pest listed. For optimum scale control apply when crawlers are present. For lesser peach tree borer control spray limbs and trunk thoroughly.

**PLUMS, PRUNES AND CHERRIES**: 2 pounds for cherry fruit fly, fruit tree leaf roller, peach twig borer, lesser peach tree borer, black cherry aphid, eye-spotted bud moth, plum curculio, red-banded leaf roller, Japanese beetle, Forbes scale, San Jose scale, oystershell scale and Lecanium scales. For optimum scale control apply when crawlers are present.

For lesser peach tree borer control, spray limbs and trunk thoroughly. 1½ pounds for codling moth, eastern tent caterpillar, orange tortrix and western tussock moth.

**STRAWBERRIES**: 2 pounds for meadow spittlebug and strawberry leaf roller.

**NON-BEARING CITRUS (Orange, lemon, grapefruit and tangerine)**: 2 pounds for western tussock moth, orange tortrix, fruit tree leaf roller and citrus cutworm. Apply when your larvae are present. Apply to non-bearing citrus trees or mature citrus with no fruit present.

FOR ~~ORANGES~~ a dilute spray of 75 gallons per acre is suggested. FOR STRAWBERRIES a dilute spray of 60 to 75 gallons per acre is suggested.

**VEGETABLE INSECT CONTROL**

Recommended dosages refer to pounds per acre. Use sufficient spray gallonage to obtain full coverage. Keep spray mixtures well agitated. Apply when insects or their damage appear. Repeat at 7 to 10 day intervals or as necessary; see below for spray interval on corn. When dosage range is indicated, use lower rate on young plants; higher rate on mature plants.

**BEAN**: 1 pound for Mexican bean beetle. 2 pounds for leafhoppers, bean leaf beetle, cucumber beetles, western bean cutworm, flea beetles and Japanese beetle. 2 to 3 pounds for corn earworm, armyworms and velvetbean caterpillar; 4 pounds for lima bean pod borer, Lygus and stink bugs.

**CORN**: 2 to 4 pounds for corn earworm, European corn borer, fall armyworm, sap beetles and Japanese beetle. 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 effective control. CAUTION: Do not use within 7 days of harvest on forage corn.

**CUCUMBER AND SUMMER SQUASH**: 1 to 2 pounds for pickleworm and melonworm. 2 pounds for cucumber beetles, squash bugs and flea beetles.

**TOMATO, EGGPLANT AND PEPPER**: 1 to 2 pounds for flea beetles, Colorado potato beetle and leafhoppers. 2 to 4 pounds for tomato fruit worm, tomato hornworm, European corn borer, Lygus bugs and fall armyworm.

**POTATO**: 1 pound for Colorado potato beetle, 2 pounds for leafhoppers and flea beetles, 2 to 4 pounds for Lygus bugs.

**ORNAMENTAL INSECT CONTROL**

Use 2 level tbsp. per gal. of spray (2 pounds per 100 gallons) when insects or their damage appear. Repeat weekly or as needed to control: apple aphid, bagworm birch leaf miner, blister beetles, boxelder bug, boxwood leaf miner, elm leaf aphid and elm leaf beetle, flea beetle, Japanese beetle, lace bugs, leafhoppers, leaf rollers, oak leaf miners, orange tortrix, periodical cicada, plant bugs, psyllids, rose aphid, rose slug, scale insects, tent caterpillars, willow leaf beetle thrips (exposed).

SEVIN 50% can be used safely on Andromeda, arbutus, azalea, begonia, boxwood, camellia, carnation, Chinese elm, chrysanthemum, dahlia, dogwood, elm, euonymus, gladiolus, hemlock, hickory, holly, hydrangea, iris, laurel, magnolia, orchid, privet, rhododendron, rose, yew. DO NOT USE ON BOSTON IVY.

**LAWN INSECT CONTROL**

For chinch bugs, leafhoppers, fall armyworms and sod webworms or lawn moths; use a full measuring cup in 15 to 20 gallons of water for each 500 sq. ft. of lawn area. Use garden hose sprayers or pressure type equipment and apply full water volume to insure good penetration of turf. For best results, apply after rain or watering and do not water for at least 2 days after application. Repeat 2 to 3 weeks later if necessary.