

DRAGON®

SEVIN®
50 WETTABLE
CONTROLS
JAPANESE BEETLES
ON CERTAIN LISTED CROPS

ACCEPTED
FEB 6 1987
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
this pesticide has been found to
be in compliance with the
FIFRA Act, No.

**A WETTABLE POWDER FOR CONTROL OF
CERTAIN LISTED INSECT PESTS
ON FRUIT, VEGETABLES, ORNAMENTALS, LAWNS,
TOBACCO AND ALFALFA.**

BEST AVAILABLE COPY

SEVIN is a registered trademark of Union Carbide Corporation

ACTIVE INGREDIENT	BY WT.
Carbaryl (1-naphthyl N-methylcarbamate)	50%
INERT INGREDIENTS	50%
TOTAL	100%

CAUTION: KEEP OUT OF REACH OF CHILDREN
See back panel for additional cautions.

NET WEIGHT 1 LB

GENERAL INFORMATION

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS; AND IN CONFORMITY WITH FEDERAL AND STATE REGULATIONS.

Keep spray mixtures well agitated. DRAGON SEVIN 50 WETTABLE may be applied within 1 day of harvest on all food crops listed unless otherwise noted. Apply when insects or damage appear, repeat at 7 to 10 day intervals or as necessary. Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels.

DIRECTIONS

APPLES-PEARS — (Eastern States) — For control of codling moth, green apple aphid, white apple leafhopper, apple mealybug, use 1 lb. per 100 gals. water (2 Tbs./gal.). For apple maggot, plum curculio, fruit tree leaf roller, pear psylla, periodical cicada (locusts), eastern tent caterpillar, Japanese beetle, San Jose scale, bagworm, use 2 lbs. per 100 gals. water (4 Tbs./gal.). Avoid thinning by delaying use until 30 days after petal fall. For maximum scale control apply when crawlers are present. Apply at 10 day intervals for optimum apple maggot control. To control apple maggot, codling moth and plum curculio, apply every 10 to 14 days until control is achieved.

GRAPES — Use 1-2 lbs. per 100 gals. water (2-4 Tbs./gal.) for European Fruit Lecanium, grape leaf folder and grape leafhopper; apply just before first brood leaf folder larvae emerge from rolls and as needed for leafhoppers. Use 2 lbs. per 100 gals. water (4 Tbs./gal.) for grape berry moth, Japanese beetle and June beetle. Dilute spray of 200 gal./acre (4 1/4 gal./1000 sq. ft.) is suggested.

PEACHES — For oriental fruit moth, peach twig borer, lesser peach tree borer, plum curculio, cat facing bug, periodical cicada (locusts), Japanese beetle, San Jose scale, use 2 lbs. per 100 gals. water (4 Tbs./gal.). For best scale control apply when crawlers are present.

STRAWBERRIES — Meadow Spittlebug, Strawberry Leaf Roller, use 2 lbs. per 100 gals. water (4 Tbs./gal.) (200 gals. per acre), (4 1/4 gal./1000 sq. ft.). Make full coverage application. Apply in summer sprays. Repeat 3 to 5 times when insects appear.

BEANS — For control of Mexican bean beetle, use 1 lb. per 100 gals. water per acre (2 Tbs./gal./1000 sq. ft.). For leafhoppers, bean leaf beetle, flea beetle, Japanese beetle, use 2 lbs. per 100 gals. water per acre (4 Tbs./2 1/2 gals./1000 sq. ft.). For Lygus, stink bugs, lima bean pod borer, use 4 lbs. per 100 gal. water per acre (8 Tbs./2 1/2 gals./1000 sq. ft.). DO NOT feed treated bean vines to dairy or meat animals.

CORN — For control of corn earworm, European corn borer, fall armyworm, Japanese beetle, flea beetle, leafhoppers, use 2-4 lbs. per 100 gals. water per acre (4-8 Tbs./2 1/2 gal./1000 sq. ft.). Make application into the whorls and to the entire plant. For insects attacking silks and ears, apply at 2 to 3 day intervals starting when first silks appear and continuing until silk begins to dry. Three or more applications may be required depending on severity of infestation. Timing and good coverage are absolutely essential for effective control. When forage is to be fed to livestock, DO NOT apply within 7 days of harvest. Application of this product to the tassel region of corn during the pollen shed period will seriously reduce bee populations.

CUCUMBERS, MELONS, PUMPKINS, SQUASH — For pickleworm, melonworm, apply 1 lb. per 100 gals. water per acre (2 Tbs./2 1/2 gals./1000 sq. ft.). For cucumber beetles, squash bugs, flea beetles, leafhoppers, use 2 lbs. per 100 gals. per acre (4 Tbs./2 1/2 gal./1000 sq. ft.).

LETTUCE, COLLARDS, KALE, TURNIP GREENS, MUSTARD GREENS, SPINACH — For control of flea beetles, leafhoppers, harlequin bug, apply 1 to 2 lbs. per 100 gals. water per acre (2-4 Tbs./2 1/2 gal./1000 sq. ft.). For six-spotted leafhopper, corn earworm, armyworm, imported cabbageworm, spittlebugs, lygus and stink bugs, apply 2 to 4 lbs. per 100 gals. water per acre (4-8 Tbs./2 1/2 gal./1000 sq. ft.). DO NOT apply within 14 days of harvest. DO NOT apply to leaf lettuce within 14 days of harvest or within 3 days to head lettuce.

TOMATO, EGGPLANT, PEPPERS — Use 1-2 lbs. per 100 gals. water per acre (2-4 Tbs./2 1/2 gals./1000 sq. ft.) for control of Colorado Potato Beetle, flea beetles, leafhoppers. Use 2-4 lbs. per 100 gals. water per acre (4-8 Tbs./2 1/2 gals./1000 sq. ft.) for tomato fruitworm, tomato hornworm, European Corn Borer, tarnished plant bugs, lace bugs.

CABBAGE, CARROTS, BROCCOLI, BRUSSELS SPROUTS — For control of flea beetles, harlequin bug, apply 1 to 2 lbs. per 100 gals. water per acre (2-4 Tbs./2 1/2 gals./1000 sq. ft.). For corn earworm, stink bug, armyworm, imported cabbageworm, apply 2 to 4 lbs. per 100 gals. water per acre (4-8 Tbs./2 1/2 gals./1000 sq. ft.) DO NOT apply within 3 days of harvest.

TOBACCO — (In fields) — For budworm, flea beetles, Japanese beetle, and hornworm, use 2-4 lbs. per 100 gals. water per acre. Avoid excessive application. If late season applications are necessary, treat immediately after priming rather than before priming.

ALFALFA — For Spring application control of Alfalfa weevil larvae, use 3 lbs. in 15-20 gals. water per acre. For leafhoppers, thrips, three-cornered alfalfa hopper, alfalfa caterpillar, green cloverworm, blister beetle, use 2 lbs. in 15-20 gals. water per acre. For armyworms, webworms, bollworm or corn earworm, stink bugs, use 2-3 lbs. in 15-20 gals. water per acre. For grasshoppers, use 1-3 lbs. per 100 gals. water per acre. May be applied up to and including the day of harvest. DO NOT apply when foliage is wet or when rain or excessive humidity is expected during the next 2 days. DO NOT apply within 3 days of harvest.

ROSES, AZALEAS, OTHER ORNAMENTALS, SHRUBS, SHADE TREES — For control of certain aphids, bagworm, blister beetle, boxelder bug, boxwood leaf miner, elm leaf beetle, flea beetles, Japanese beetle, lace bugs, leafhoppers, leaf rollers, oak leaf miner, periodical cicada (locusts), rose aphid, rose slug, scale insects, tent caterpillar, gypsy moth, use 2 lbs. per 100 gals. water (4 Tbs. per gal.).

LAWNS — For control of chinch bugs, leafhopper, fall armyworm, sod webworm, lawn moths, ants, earwig, fleas, millipeds, mosquitoes, use 2 lbs. per 150-200 gals. water per 5,000 square feet of lawn.

NOTICE

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with DIRECTIONS and CAUTIONS stated on this label.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed. Avoid breathing dust or spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. **ENVIRONMENTAL HAZARDS:** This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DO NOT take internally. Wash hands before eating. Take shower or bath after work. Wear regular long-sleeved work clothing. Change to clean clothing daily. Avoid contamination with food and feed. NOTE FOR PHYSICIAN: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal. **KEEP OUT OF REACH OF CHILDREN AND ANIMALS.**

STORAGE AND DISPOSAL

Storage: Store only in original container, in a cool, dry place inaccessible to children and pets and away from feed and foodstuffs.

Pesticide disposal: Product remaining in original container should be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash.

Container disposal: Do not reuse empty container. Securely wrap in newspaper and discard in trash.

MANUFACTURED FOR
DRAGON CHEMICAL CORPORATION
Farmingdale, Virginia 24019

EPA REG. NO. 16-99

EPA EST. 16-VA-1

BEST AVAILABLE COPY

(NOTE: Home Owner
Use Label)

(FRONT LABEL)

428 117

16

RIVERDALE

FRUIT AND BERRY SPRAY

DESTROYS INSECTS AND CONTROLS DISEASES
COMMON TO FRUIT

ACTIVE INGREDIENTS:

Captan*.....	15.1%
Related Derivatives.....	0.9%
Malathion**.....	8.0%
Methoxychlor Technical***.....	16.0%
INERT INGREDIENTS:.....	60.0%
TOTAL.....	100.0%

*N-Trichloropmethylthio-4-cyclohexene-1,2-dicarboximide

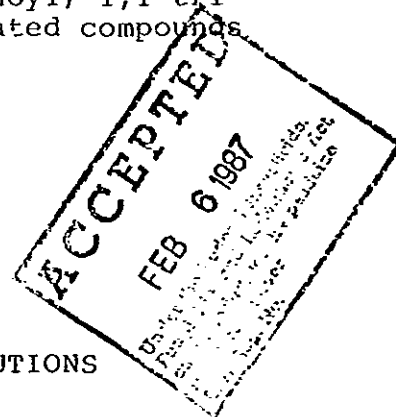
**O,O-Dimethyl Dithiophosphate of Diethyl Mercaptosuccinate

***Equivalent to 14.08% of 2,2-bis(p-methoxyphenyl)-1,1-tri-
chloroethane and 1.92% other isomers and related compounds

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS



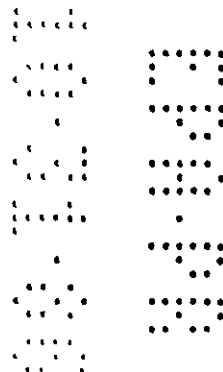
EPA REG. NO. 228-187

EPA EST. NO. 228-IL-1

NET WEIGHT 11 OUNCES

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY
CHICAGO HEIGHTS, ILLINOIS 60411-3699



DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Wear natural or synthetic rubber, vinyl, or plastic gloves impermeable to captan when using indoors or outdoors. When using outdoors wear long pants and long-sleeved shirt and apply with the wind to your back. Wash nondisposable gloves thoroughly with soap and water before removing. Clothing worn while handling this product must be laundered separately from other clothing before reusing.

FRUIT AND BERRY SPRAY is an effective Insecticide-Fungicide formula to control the insects and diseases of Fruits listed below.

NOTE-Spray thoroughly, covering both sides of all leaves, branches and the trunk on a regular program.

TO MIX

4½ level tablespoonfuls make 1 gallon
11 oz. size makes 11 gallon spray

APPLES AND PEARS:

Make first application when leaves begin to show. Continue at 7 day intervals until tree begins to bloom. Additional sprays should be made at Petal Fall-7 days later, and then repeated at two week intervals until 7 days before harvest.

Aphids, Mites Japanese Beetles, Spittle Bugs, Cankerworms, Red Spiders, Leafhoppers. Scab, Botrytis Rot Frogeye Leaf Spot.

PEACHES, CHERRIES, APRICOTS AND PLUMS:

Apply first spray when blossoms first begin to show pink; spray again when petals fall and thereafter every 7-10 days until 21 days before harvest.

Aphids, Mites, Japanese Beetles, Spittle Bugs, Cankerworms, Red Spiders, Leafhoppers, Brown Rot, Leaf Spot.

(If a later application is needed for Fruit Rot, use Captan 50% Wettable Powder alone, but not within 3 days of picking. Remove residue at harvest by washing or other effective means.

STRAWBERRIES, RASPBERRIES:

Spray plants at 7 to 10 day intervals beginning when the plants start to grow, until 14 days before harvest.

Aphids, Mites, Japanese Beetles, Spittle Bugs, Red Spiders, Leafhoppers, Leaf Spot and Fruit Rot.

(Back Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Avoid breathing of spray mist. Avoid contact with skin. Wash thoroughly after using. Avoid contamination of food and foodstuffs. Wash fruit before marketing or eating.

DANGER

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Remove and separately launder clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to direct treatment or residues on crops. This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Protective information may be obtained from your Cooperative Agricultural Extension Service.

ENDANGERED SPECIES RESTRICTIONS

The use of this product in a manner which may harm endangered species or adversely modify their habitat is prohibited by Federal law. The following endangered species and the general location of their habitats have been identified by county.

Slackwater Darter,	Alabama (Lauderdale, Limestone and Madison) Tennessee (Lawrence and Wayne)
Pecos gambusia,	New Mexico (Chaves and Eddy) Texas (Reeves, Jeff Davis and Pecos)
Freshwater Mussels,	Tennessee (Hancock, Claiborne, Hawkins and Sullivan) Virginia (Smyth, Scott, Lee, Washington and Grayson)
Commanche Springs Pupfish,	Texas (Reeves and Jeff Davis)

Prior to use of this product in the above counties you must determine that these species are not located in, or immediately adjacent to, the areas to be treated with captan. Consult your regional U.S. Fish and Wildlife Service office (Endangered Species Specialist) or state Wildlife Agency if there is any doubt as to the areas where the outdoor use of captan is prohibited.

(If a later application is needed for Fruit Rot, use Captan 50% Wettable Powder alone, but not within 3 days of picking; remove residue at harvest by washing or other effective means.)

STORAGE AND DISPOSAL

STORAGE: Store in original container and place in a cool, dry location in an area inaccessible to children.~ Keep container tightly sealed when not in use.

PESTICIDE DISPOSAL: Partially filled containers may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Discard container in trash.

WARRANTY

Riverdale Chemical Company, the manufacturer, warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under normal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.