

COPY A

Kills: Beetles, Bugs, Leafhoppers and Worms as Listed
on Vegetables.

May be applied up to harvest unless otherwise noted.

Kills Fleas and Ticks on Dogs and Cats.

Stink Bugs
Tomato Hornworm
Flea Beetle

Leafhopper
Corn Earworm
Flea
Brown Dog Tick

ACCEPTED
with COMMENTS
in EPA Letter Dated:

COPY B

Do not apply directly to water.

JUN 29 1983

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
239-1513

CONFIDENTIAL
PROPERTY OF
CHEVRON CHEMICAL COMPANY
UNTIL ACCEPTED BY EPA

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. May cause eye irritation. Avoid breathing dust. Do not take internally. Skin contact may be harmful. Avoid contact with eyes, skin and clothing. Wash hands and face before eating. Take shower and bath after work. Wear regular long sleeved work clothing. Change to clean clothing daily. Avoid contamination of food, feed, feeding troughs and watering receptacles.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED, call a doctor immediately and give a large amount of water to drink. Make person vomit.
 IF INHALED remove person to fresh air.
 IF ON SKIN wash skin with plenty of soap and water.
 IF IN EYES immediately wash eyes with fresh water for 15 minutes. See a doctor if irritation persists.

Note to Physicians: Emergency Information - call (415) 233-3737. Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal.

ENVIRONMENTAL HAZARDS

Avoid direct application to lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. 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 crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Copy B

DIRECTIONS FOR USE

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

READ ENTIRE LABEL, USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

STORAGE

Keep pesticide in original container. Do not store or transport near feed or food.

PESTICIDE DISPOSAL

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

CONTAINER DISPOSAL

Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

May be applied up to harvest unless otherwise noted. This product is formulated for application by ground or air equipment.

ALFALFA, CLOVERS, COWPEAS, PEANUTS, SOYBEANS: Blister Beetles, Mexican Bean Beetle—5 to 10 lbs. per acre. Alfalfa Caterpillar, Bean Leaf Beetle, Cucumber Beetles, Green Cloverworm, Japanese Beetle, Leafhoppers, Threecornered Alfalfa Hopper, Thrips, Velvetbean Caterpillar—10 lbs. per acre. Armyworms, Corn Earworm, Stink Bugs, Webworms—10 to 15 lbs. per acre. Some leaf injury may occur if applications are made when tender foliage is wet.

BEANS: Mexican Bean Beetle—5 lbs. per acre. Leafhoppers, Bean Leaf Beetle, Cucumber Beetles, Western Bean Cutworm, Velvet Bean Caterpillar, Flea Beetles, Japanese Beetle—10 lbs. per acre. Corn Earworm, Armyworms, Tarnished Plant Bug, Stink Bugs—10 to 15 lbs. per acre. In California for Corn Earworm, Lima Bean Pod Borer, Lygus and Stink Bugs—20 lbs. per acre.

BLUEBERRIES: Blueberry Maggot, Cherry and Cranberry Fruitworms—15 to 20 lbs. per acre. Apply 3 weeks before harvest and repeat 10 days later or as necessary.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, KOHLRABI: Flea Beetles, Harlequin Bug—5 to 10 lbs. per acre. Armyworms, Corn Earworm, Imported Cabbageworm, Young Cabbage Looper—10 to 20 lbs. per acre. Where Cabbage Looper is the principal problem, use an alternate pesticide that is specifically recommended. Do not apply within 3 days of harvest.

CORN: Corn Earworm (Application of this product to the tassel region of corn during the pollen shed period will seriously reduce bee populations), Corn Rootworm Adults, European Corn Borer, Fall Armyworm, Sap Beetles, Japanese Beetle, Leafhoppers, Flea Beetles—15 to 20 lbs. per acre. 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. May be applied up to harvest.

Ortho

SEVIN* 10

Dust

(INSECTICIDE)

Active Ingredient Carbaryl (1-naphthyl N-methylcarbamate) 10%
 Inert Ingredients 90%

← Copy A

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Chevron Chemical Company
 Ortho Agricultural Chemicals Division
 San Francisco CA 94120-7144 Richmond CA 94804-0036
 Product 2903 Made in U.S.A.
 Form 5827/73 EPA Est. 239-CA-9
 EPA Reg. No. 239-1513-AA

NET WEIGHT 50 POUNDS

COTTON: Early Season—Thrips, C. appear. Mid and Late Season—B Lygus Bugs, Cotton Leaf Perforator at 5 to 7 day intervals. Aphid po is used on a regular schedule of t

CUCUMBERS, MELONS, PUMPKIN, Cucumber Beetles, Flea Beetles, Le applications. Some leaf injury may or in the presence of prolonged hi

FILBERTS: Filbert Aphid, Filbert Le are hatching. Filbertworm—40 lbs. 3 to 4 weeks later. Do not apply i

GRAPES: Grape Leaf Folder, Grape acre. Apply just before first brood leafhoppers. Grape Berry Moth, J lbs. per acre.

GRASSHOPPERS: Alfalfa, Clovers Pasture, Mile and Grain Sorghum, Nymphs on small plants or spor borders. Use 10 to 15 lbs. when requiring greater coverage. Do not and to Sorghum Grain within 21 c

LETTUCE, CARROTS: Flea Beetles, spotted Leafhopper—10 to 15 lbs. l worm, Corn Earworm, Spittlebugs, lbs. per acre. For best results in t farm use 20 lbs. in a 5 to 7 day ac on Head Lettuce within 3 days of

PEACHES: Oriental Fruit Moth, Pea cal Cicada, Codling Moth—35 to days thereafter until control is ach

PLUMS, PRUNES: Fruit Tree Leaf Borer, Codling Moth, Eastern Tent 50 lbs. per acre. Apply when inse application. Do not apply within 1

POTATO, EGGPLANT, PEPPER: Co lbs. per acre. Tomato Fruitworm, Lygus Bugs, Stink Bugs, Lace Bugs,

RICE, FORAGE GRASSES, PASTURE For optimum thrip control in grass Rice within 14 days of harvest. May

SORGHUMS (including Mile Grain worms—10 to 20 lbs. per acre. See Treatment for sorghum midge cont from boot. Do not apply to Sorghu

STRAWBERRIES: Meadow Spittlebu lbs. per acre. Do not apply within

TOBACCO: Hand Dusting for Budw hand dust applications are made a injury. Rotary dusters are recomm cessive applications. Broadest A Grasshoppers, Flea Beetles—15 to rate only on large plants. Full cov and repeat as needed. Heavier app necessary, treat immediately after days of cutting. Avoid getting wet

TOMATO: Flea Beetles, Leafhopper European Corn Borer—20 to 40 lbs.

DOGS, CATS: Ticks, Fleas—Dust skin. Apply also to the feet, b intervals if needed. Avoid treatm

NOTE: Do not allow treated pe may stain or discolor rugs and v and dog houses by means of a cracks and crevices. Repeat as

NOT USE IN THE HOME: DO NO OCCUR.

NOTE: Do not apply under conditio ings that might be damaged or the

CONDITIONS OF SALE: 1. Chevri lerial conforms to the chemical d directed hereon. Chevron neither m any other warranty of FITNESS or press or implied, concerning this 2. Critical and unforeseeable fact all risks in connection with the us damage to plants and crops to wh damage caused by drift to other is reasonably fit for the uses stat Buyer and user acknowledge and Chevron under 1 above) resulting

*Registered Trademark of Union C

**CAUTIONARY STATEMENTS
HUMANS & DOMESTIC ANIMALS**

Not to be inhaled or absorbed through the skin. May cause eye irritation. Do not take internally. Skin contact may be harmful. Avoid contact with food. Wash hands and face before eating. Take shower and bath after long sleeved work clothing. Change to clean clothing daily. Do not use in food, feed, feeding troughs and watering receptacles.

F PRACTICAL TREATMENT

Apply to food immediately and give a large amount of water to drink. Wash with plenty of soap and water. Wash eyes with fresh water for 15 minutes. See a doctor for emergency information - call (415) 233-3737. Carbaryl is a cholinesterase inhibitor. Atropine is antidotal.

ENVIRONMENTAL HAZARDS

Do not apply to lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not apply to bees exposed to direct treatment or residues on crops. For more information contact your Cooperative Agricultural Extension Service.

Do not use this product in a manner inconsistent with its label.

USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

STORAGE AND DISPOSAL

Do not store, feed or feed by storage, disposal or cleaning of equipment. Do not use in food.

Do not use in or near feed or food.

WASHING

Wash or rinse water that cannot be used according to label instructions according to applicable Federal, state, or local procedures.

DISPOSAL

Dispose of by shaking and tapping sides and bottom to loosen clinging material into application equipment. Then dispose of bags in a sanitary manner if allowed by State and local authorities.

Do not harvest unless otherwise noted. This product is formulated for use on air equipment.

PEAS, PEANUTS, SOYBEANS: Blister Beetles, Mexican Bean Beetle, Alfalfa Caterpillar, Bean Leaf Beetle, Cucumber Beetles, Green June Beetle, Leafhoppers, Three-cornered Alfalfa Hopper, Thrips, Velvetbean Caterpillar, Armyworms, Corn Earworm, Stink Bugs, Webworms—10 lbs. per acre. Applications are made when tender foliage is present.

CUCUMBERS, MELONS, PUMPKIN: Cucumber Beetle, Leafhoppers, Bean Leaf Beetle, Cucumber Beetle, Velvetbean Caterpillar, Flea Beetles, Japanese Beetle—10 lbs. per acre. Armyworms, Tarnished Plant Bug, Stink Bugs—10 to 15 lbs. per acre. Corn Earworm, Lima Bean Pod Borer, Lygus and Stink Bugs—20 lbs. per acre.

APPLES, CHERRY AND CRANBERRY: Fruitworms—15 to 20 lbs. per acre. Repeat and repeat 10 days later or as necessary.

CABBAGE, BRUSSELS SPROUTS, CAULIFLOWER, KOHLRABI: Flea Beetles, Harlequin Bug, Armyworms, Corn Earworm, Imported Cabbageworm, Young Cabbageworm, Tarnished Plant Bug, Stink Bugs—10 to 15 lbs. per acre. Where Cabbage Looper is the principal problem, repeat that is specifically recommended. Do not apply within 3 days of harvest.

Application of this product to the tassel region of corn during the silking stage (to seriously reduce bee populations), Corn Rootworm Adults, European Corn Borer, Sap Beetles, Japanese Beetle, Leafhoppers, Flea Beetles—15 to 20 lbs. per acre. Apply to silks and ears apply at 2 to 3 day intervals starting and continuing until silks begin to dry. Three or more applications may be applied on severity of infestation. May be applied up to harvest.



ORTHO

**SEVIN* 10
Dust**

(INSECTICIDE)

Active Ingredient: Carbaryl (1-naphthyl N-methylcarbamate) 10%
Inert Ingredients 90%

← COPY A

**KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS.**

Chevron Chemical Company
Ortho Agricultural Chemicals Division
San Francisco CA 94120-2144 Richmond CA 94804-0036
Product 2903 Made in U.S.A.
Form 5827/2/73 EPA Est. 239-CA-9
EPA Reg. No. 239-1513-AA

NET WEIGHT 50 POUNDS

COTTON: Early Season—Thrips, Cotton Fleahopper—8 to 15 lbs. per acre as soon as insects appear. Mid and Late Season—Boll Weevil, Bollworm, Pink Bollworm, Cotton Leafworm, Lygus Bugs, Cotton Leaf Perforator—20 lbs. per acre. Apply when insects appear and repeat at 5 to 7 day intervals. Aphid populations will usually be suppressed when this insecticide is used on a regular schedule of treatments.

CUCUMBERS, MELONS, PUMPKIN, SQUASH: Pickleworm, Melonworm—5 to 10 lbs. per acre. Cucumber Beetles, Flea Beetles, Leafhoppers, Squash Bugs—10 lbs. per acre. Avoid excessive applications. 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 SEVIN on watermelons in Florida.

FILBERTS: Filbert Aphid, Filbert Leaf Roller—40 lbs. per acre. Apply when Leaf Roller eggs are hatching. Filbertworm—40 lbs. per acre. Apply when adult moths first appear and repeat 3 to 4 weeks later. Do not apply within 60 days of harvest.

GRAPES: Grape Leaf Folder, Grape Leafhopper, Grape Leaf Skeletonizer—10 to 20 lbs. per acre. Apply just before first brood leaf folder larvae emerge from rolls and as needed for leafhoppers. Grape Berry Moth, Japanese Beetle, June Beetles, Redbanded Leaf Roller—20 lbs. per acre.

GRASSHOPPERS: Alfalfa, Clovers, Cowpeas, Peanuts, Soybeans, Rice, Forage Grasses, Pasture, Mile and Grain Sorghum, Sugar Beets—5 to 15 lbs. per acre. Apply 5 to 10 lbs. for nymphs on small plants or sparse vegetation in wasteland, rangeland, ditch banks and borders. Use 10 to 15 lbs. when grasshoppers are mature or material is applied to crops requiring greater coverage. Do not apply to Rice or Sugar Beets within 14 days of harvest, and to Sorghum Grain within 21 days of harvest.

LETTUCE, CARROTS: Flea Beetles, Harlequin Bug, Leafhoppers—5 to 10 lbs. per acre. Six-spotted Leafhopper—10 to 15 lbs. in a 5 to 7 day schedule. Armyworms, Imported Cabbageworm, Corn Earworm, Spittlebugs, Tarnished Plant Bugs, Lygus Bugs, Stink Bugs—10 to 20 lbs. per acre. For best results in the control of Corn Earworm after lettuce heads begin to form use 20 lbs. in a 5 to 7 day schedule. May be used up to harvest on carrots. Do not use on Head Lettuce within 3 days of harvest and to Leaf Lettuce within 14 days.

PEACHES: Oriental Fruit Moth, Peach Twig Borer, Plum Curculio, Catering Insects, Periodical Cicada, Codling Moth—35 to 40 lbs. per acre. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. May be applied the day before harvest.

PLUMS, PRUNES: Fruit Tree Leaf Roller, Peach Twig Borer, Plum Curculio, Redbanded Leaf Roller, Codling Moth, Eastern Tent Caterpillar, Orange Tortrix, Western Tussock Moth—40 to 50 lbs. per acre. Apply when insects appear and repeat as necessary. Make full coverage application. Do not apply within 1 day of harvest.

POTATO, EGGPLANT, PEPPER: Colorado Potato Beetle, Flea Beetles, Leafhoppers—5 to 10 lbs. per acre. Tomato Fruitworm, Fall Armyworm, Tomato Hornworm, European Corn Borer, Lygus Bugs, Stink Bugs, Lace Bugs, Tarnished Plant Bugs—10 to 20 lbs. per acre.

RICE, FORAGE GRASSES, PASTURE: Armyworms, Stink Bugs, Thrips—10 to 15 lbs. per acre. For optimum thrip control in grasses grown for seed, direct dust into boot. Do not apply to Rice within 14 days of harvest. May be applied up to harvest on Pastures and Forage Grasses.

SORGHUMS (including Mile Grain Sorghum): Armyworms, Corn Earworm, Stink Bugs, Webworms—10 to 20 lbs. per acre. Sorghum Midge—15 lbs. per acre. Dust into forming heads. Treatment for sorghum midge control should be made 3 to 4 days after heads have emerged from boot. Do not apply to Sorghum Grain within 21 days of harvest.

STRAWBERRIES: Meadow Spittlebug, Strawberry Leaf Roller, Strawberry Weevil—10 to 20 lbs. per acre. Do not apply within 1 day of harvest.

TOBACCO: Hand Dusting for Budworms and Tobacco Flea Beetles—4 to 6 lbs. per acre when hand dust applications are made on individual plants. Heavier application may cause plant injury. Rotary dusters are recommended. Shaker cans and cloth bags usually result in excessive applications. Broadcast Application for Hornworms, Budworms, Japanese Beetles, Grasshoppers, Flea Beetles—15 to 25 lbs. per acre depending on size of plants. Use highest rate only on large plants. Full coverage is essential. Begin treatment when worms are small and repeat as needed. Heavier applications may cause plant injury. If late applications are necessary, treat immediately after priming. Do not apply within 5 days of priming or 15 days of cutting. Avoid getting wet with plant juices when cutting the crop.

TOMATO: Flea Beetles, Leafhoppers, Tomato Fruitworm, Fall Armyworm, Tomato Hornworm, European Corn Borer—20 to 40 lbs. per acre.

DOGS, CATS: Ticks, Fleas—Dust lightly over the animal and rub thoroughly into the skin. Apply also to the feet, between the toes and on the legs. Apply at weekly intervals if needed. Avoid treatment of kittens and puppies less than 4 weeks of age. NOTE: Do not allow treated pets back on carpets or rugs in the house as SEVIN may stain or discolor rugs and wall-to-wall carpets. Dust lightly in and around kennels and dog houses by means of a shaker can, hand or power duster. Force dust into cracks and crevices. Repeat as necessary, but not more often than once weekly. DO NOT USE IN THE HOME: DO NOT APPLY TO BUGS AND CARPETS AS STAINING MAY OCCUR.

*Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material. 2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

*Registered Trademark of Union Carbide Corporation for Carbaryl Insecticide.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



JUN 29 1983

Ms. Jackie DiMaggio
Chevron Chemical Company
Ortho Agricultural Chemicals Division
940 Hensley Street
Richmond, CA 94804-0036

Dear Ms. DiMaggio:

Subject: Ortho Sevin 10 Dust
EPA Registration No. 239-1513
Your Application Dated March 11, 1983

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

ENCLOSURE

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

EPA Form 1320-1 (12-70) OFFICIAL FILE COPY