

BEST AVAILABLE COPY

1 of 3

# SEVIN® 4 FLOWABLE

ACCEPTED

CLEAN CROP

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, the pesticide registered under EPA Reg. No. 34704-469

ACTIVE INGREDIENT:	BY WT.
Carbaryl (1-Naphthyl Methylcarbamate) .....	42.80%
INERT INGREDIENTS: .....	57.20%
TOTAL 100.00%	
Contains 4 lbs. Carbaryl per Gallon	U.S. Patent No. 2,903,478

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

EPA REG. NO. 34704-469

EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_ GALLONS

• SEVIN Registered Trademark of Rhone-Poulenc for the active ingredient Carbaryl Insecticide

24196

EXP-1Y

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

May be harmful if swallowed. Avoid breathing of spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Wear regular long-sleeved clothing.

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

**IF ON SKIN:** Wash with soap and water. If irritation persists contact a physician.

**IF IN EYES:** Flush with water for 15 minutes.

**IF INHALED:** Remove exposed person to fresh air.

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

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic and estuarine invertebrates. Do not spray directly to water or wetlands, except for rice uses. Discharge from rice fields may kill aquatic and estuarine invertebrates. 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.

### DIRECTIONS FOR USE

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

### REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until the dust has settled. Certain states may require more restrictive reentry intervals for various crops treated with this product. Consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written and oral warnings must include the following information:

#### CAUTION

Area treated with SEVIN 4 FLOWABLE on (date of application). Do not enter without appropriate protective clothing until dusts have settled. Required Protective Clothing: long-sleeved shirt and long-legged pants.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**STORAGE:** Store in a cool, dry, well-ventilated area.

**DISPOSAL: Metal Containers—**Triple rinse or equivalent. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved of by State and local authorities. **Plastic Containers—**Triple rinse or equivalent. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels.

To avoid possible injury on tender foliage, do not apply when foliage is wet or when rain or excessive humidity is expected during the next two days.

**For Codling Moth, Apple Maggot, Oriental Fruit Moth, Plum Curculio, Listed—**Apply SEVIN 4 FLOWABLE at Petal Fall and every 14 days thereafter until control is achieved.

Before using agitate contents by shaking or rolling container.

### DIRECTIONS FOR DILUTION

**DILUTE APPLICATION: Ground Application:** Apply specified rates in 20 to 60 gallons of water per acre. **Orchard Application:** Apply specified rate in 100 to 800 gallons of water per acre.

**CONCENTRATE APPLICATION: Ground Application:** Apply specified rate in not less than 5 gallons of water per acre. **Orchard Application:** Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

**AIR APPLICATION:** Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates should not be applied in less than 15 gallons of water per acre.

**CHEMIGATION:** Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION" for use directions for chemigation. Do not apply this product through any type of irrigation system unless the supplemental labeling on chemigation is followed.

### FRUIT AND NUT CROPS

**Apples, Pears:** Codling Moth, Apple Sucker, Woolly Apple Aphid, Green Apple Aphid, Pear Psylla, Orange Tortrix, Scale (San Jose, Oyster Shell, Lecanium), Lygus Bug, Apple Rust Mite, Pear Leaf Blister Mite, Pear Rust Mite. Apply 3 to 12 quarts per acre. Do not apply within one day of harvest. To avoid apple thinning delay use until at least 30 days after bloom.

**Almonds:** Peach Twig Borer, San Jose Scale, Fruit Tree Leafroller. Apply 3 to 8 quarts per acre. Do not apply within 28 days of harvest.

**Apricots, Nectarines, Peaches:** Oriental Fruit Moth, Peach Twig Borer, Plum Curculio, Codling Moth, Orange Tortrix, Tussock Moth, Fruit Tree Leafroller, June Beetles, Red-banded Leafroller, Japanese Beetle, European Earwig, Scale (Lecanium, San Jose, Olive). Apply 3 to 8 quarts per acre. Do not apply within 3 days of harvest on apricots, nectarines; within one day of harvest on peaches.

**Bananas:** Leaf Feeding Lepidoptera Larvae (Serranidae, Oribanidae, Caligo and Sabine Species). Apply one application of one quart per acre. No time limitations.

**Blueberries:** Blueberry Maggot, Cherry Fruitworm, Cranberry Fruitworm, European Fruit Lecanium, Japanese Beetle. Apply 1 1/2 to 2 quarts per acre. No time limitation.

**Cane Berries:** (Blackberry, Boysenberry, Dewberry, Loganberry, Raspberry): Japanese Beetle, Leafrollers, Leafhoppers, Raspberry Aphid. Apply 2 quarts per acre. Do not apply within 7 days of harvest.

**Cherries, Plums, Prunes:** Cherry Fruit Fly, Cherry Fruitworm, Fruit Tree Leafroller, Peach Twig Borer, Lesser Peach Tree Borer, Black Cherry Aphid, Mealy Plum Aphid, Plum Curculio, Prune Leafhopper, Red-banded Leafroller, Japanese Beetle, Scale (Brown, Soft, Forbes, San (continued)

# SEVIN® 4 FLOWABLE

EPA REG. NO. 34704-469

(continued)

**Jose, Oyster Shell, Lecanium, Codling Moth, Eastern Tent Caterpillar, Orange Tortrix, Tussock Moth.** Apply 3 to 6 quarts per acre. Do not apply within one day of harvest.

**Citrus: California Orange Dog, Citrus Cutworm, Fruit Tree Leafroller, Orange Tortrix, Western Tussock Moth, Scale (Black, Brown, Soft, California Red, Citricola).** Apply 1 quart per 100 gallons of water. Do not apply within 5 days of harvest.

**Cranberries: Fruitworms, Fireworms, Leafhopper, Cutworms, Japanese Beetle.** Apply 1 1/2 to 3 quarts per acre. Do not apply within one day of harvest.

**Filberts: Filbert Moth, Filbert Aphids, Filbert Leafroller.** Apply 4 to 5 quarts per acre. No time limitations.

**Grapes: Grape Leafroller, Leafhopper, Grape Leaf Skeletonizer, European Fruit Lecanium.** Apply 1 1/2 to 3 quarts per acre. **Grape Berry Moth, Japanese Beetle, June Beetle, Red-banded Leafroller.** Apply 2 to 3 quarts per acre. No time limitation.

**Olives: Olive Scale.** Apply 3 to 8 quarts per acre with summer oil. No time limitation. Do not apply more than 2 applications per season.

**Strawberries: Meadow Spittlebug, Leafroller, Strawberry Weevil.** Apply 1 to 2 quarts per acre. Do not apply within one day of harvest.

**Walnuts: Codling Moth, Scale (Frosted, European Fruit Lecanium, Calico), Filbert Worm, Fruit Tree Leafroller.** Apply 5 quarts per acre. **European Earwig.** Spray tree trunk to run off. Apply 3 to 5 quarts per acre. No time limitation.

## FORAGE, FEED, SEED, VEGETABLE CROPS

**Alfalfa, Clover, Peanuts, Soybeans, Cowpeas: Blister Beetle, Mexican Bean Beetle, Thrips, Leafhopper, Three-cornered Alfalfa Hopper, Cucumber Beetles, Bean Leaf Beetle, Japanese Beetle, Alfalfa Caterpillar, Velvet Bean Caterpillar, Alfalfa Weevil Larvae, Armyworms, Webworms, Corn Earworm, Stink Bug, Grasshoppers.** Apply 1/2 to 1 quart per acre. No time limitation for Clover, Peanuts and Soybeans. Do not apply within 3 days of harvest on Alfalfa and Cowpeas.

**Asparagus: Asparagus Beetle.** Apply 1 to 2 quarts per acre during cutting season. Do not repeat application within 3 days. Do not apply within one day of harvest. Post-harvest applications to fern and brush growth for **Asparagus Beetle and Apache Cicada.** Apply 2 to 4 quarts per acre.

**Beans: Mexican Bean Beetle, Leafhoppers, Bean Leaf Beetle, Cucumber Beetles, Western Bean Cutworm, Flea Beetles, Japanese Beetles, Velvet Bean Caterpillar, Cutworm.** Apply 1 to 2 quarts per acre. For **Lima Bean Pod Borer, Corn Earworm, Lygus Bugs, Stink Bug.** Apply 2 quarts per acre. No time limitation.

**Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kohlrabi: Flea Beetle, Harlequin Bug, Corn Earworm, Armyworm, Cabbage Looper.** Apply 1 to 2 quarts per acre. Do not apply within 3 days of harvest. (Where the cabbage looper is the principal problem, use an alternative pesticide specifically recommended for it. For control of small cabbage looper after edible parts start to form, use carbaryl at 5 to 7 day intervals).

**Carrots, Chinese Cabbage, Collards, Dandelion, Endive, Garden Beet, Horseradish, Kale, Lettuce, Mustard Greens, Parsley, Parsnips, Radishes Rutabagas, Salsify, Spinach, Swiss Chard, Turnips:** Apply 1/2 to 1 quart per acre for **Flea Beetle, Harlequin Bug, Leafhoppers.** Apply 1 to 2 quarts per acre for **Six-spotted Leafhoppers (in a 5-7 day schedule), Armyworms, Corn Earworm, Tarnished Plantbug, Stink Bug.** For **Corn Earworm** on lettuce, use 2 quarts per acre after heads begin to form. Do not apply to lettuce when foliage is wet or when rain or excess humidity is expected during the next 2 days. Do not apply within 14 days of harvest. On **Chinese Cabbage, Collards, Dandelion, Endive, Garden Beets (tops), Kale, Leaf Lettuce, Mustard Greens, Parsley, Salsify (tops), Spinach, Swiss Chard, Turnip (tops).** Do not apply within 3 days of harvest on **Head Lettuce, Garden Beets (roots), Horseradish, Radishes, Parsnips, Rutabagas, Salsify (roots), Turnips (roots).** No time limitation on Carrots.

**Corn: Corn Earworm, Corn Rootworm Adult, European Corn Borer, Fall Armyworm, Sap Beetles, Japanese Beetle, Flea Beetle, Leafhoppers.** Apply 1 to 2 quarts per acre. No time limitation. For **Corn Earworms,** apply to silks as soon as they appear. Make 3 to 4 applications at 2-3 day intervals as infestation warrants. Re-apply immediately after rain. Application of this product to the tassels region of sweet corn during the pollen shed period will seriously reduce bee population. For **European Corn Borer** consult your state Agricultural Experimental Station for proper timing of treatment.

**Cotton: Thrips, Flea Beetles, Cotton Fleahopper, Cotton Leafworm, Striped Blister Beetle.** Apply 1/2 to 2 quarts per acre. **Boilweevil, Bollworm, Fall Armyworm, Leaf Perforator, Leafrollers, Leafhoppers, Tarnished Plant Bug.** Apply 1 to 2 1/2 quarts per acre. **Pink Bollworm, Salt Marsh Caterpillar, Stink Bug.** Apply 2 to 2 1/2 quarts per acre. Do not apply within 7 days of harvest.

**Cucumbers, Pumpkins, Squash, Melons: Pickleworm, Melonworm, Cucumber Beetle, Flea Beetle, Leafhopper, Squash Bug.** Apply 1 quart per acre. No time limitation.

**Eggplants, Peppers, Tomatoes: Flea Beetles, Leafhoppers, Tomato Fruit Worm, Fall Armyworm, Tomato Hornworm, European Corn Borer, Stink Bug, Tarnished Plant Bug.** Apply 1 to 4 quarts per acre. **Cutworms.** Apply 2 to 4 quarts per acre. No time limitations.

**Grass (Forage, Pasture): Thrips, Armyworms, Grasshoppers.** Apply 1 to 1 1/2 quarts per acre. No time limitations.

**Okra: Corn Earworm, Stink Bug.** Apply 1 to 2 quarts per acre. No time limitations.

**Peas: Leafhoppers, Colorado Potato Beetle, Armyworm, Grasshoppers.** Apply 1 to 2 1/2 quarts per acre. No time limitations.

**Potatoes: Colorado Potato and Flea Beetle, Leafhoppers, Fall Armyworm, Stink Bug, Tarnished Plant Bug.** Apply 1 to 2 quarts per acre. Foliage applications only. No time limitations.

**Rice: Armyworms, Stink Bugs, Grasshoppers, Tadpole Shrimp.** Apply 1 to 2 quarts per acre. Do not use within 15 days of propanil herbicide. Do not apply within 14 days of harvest. Highly toxic to shrimp and crabs. Do not apply where this is an important resource. Do not use on rice fields in which crayfish/catfish farming is included in the cultural practices.

**Sorghum: Armyworms, Webworms, Corn Earworm, Stink Bug, Grasshoppers.** Apply 1 to 2 quarts per acre. **Sorghum Midges, Cutworms.** Apply 2 quarts per acre. Do not apply within 21 days for grain. No time limitation for forage.

**Sugar Beets: Leafhoppers, Armyworms, Webworms, Grasshoppers.** Apply 1 to 2 quarts per acre. Do not apply within 14 days of harvest.

**Tobacco: Hornworm, Budworms, Flea Beetles, June Beetles, Japanese Beetles.** Apply 1 to 2 quarts per acre foliage treatment. Avoid excessive applications. If late season applications are necessary, treat immediately after priming rather than before priming.

## NOTICE

Platte warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Platte. In no case shall Platte be liable for consequential, special or indirect damages resulting from the use or handling of this product. All claims shall be assumed by the buyer. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

BEST AVAILABLE COPY

**SUPPLEMENTAL LABELING  
APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION**



# SEVIN® 4 FLOWABLE

EPA REG. NO. 34704-469

NOT AVAILABLE

Apply this product only through sprinkler, including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation system(s). Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

#### CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

*Note: Platte Chemical Company does not encourage connecting chemigation systems to public water supplies. The following information is provided for users who have diligently considered all other application and water supply options before electing to make such a connection.*

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

#### SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Mix in clean supply tank the recommended amount of this product for acreage to be covered, and needed quantity of water.

This product should not be tank-mixed with other pesticides, surfactants or fertilizers unless prior use has shown the combination noninjurious under your conditions of use.

Follow precautionary statements and directions for all tank-mix products.

Provide constant mechanical agitation in supply tank to keep this product suspended throughout application operations.

On all crops, use sufficient gallonage of water to obtain thorough and uniform coverage, but not cause runoff or excessive leaching. This will vary depending on equipment, pest problem and stage of crop growth. Application of more or less than optimal quantity of water may result in decreased chemical performance, crop injury or illegal pesticide residues.

Meter this product into the irrigation water uniformly during the period of operation.

Do not overlap application. Follow recommended label rates, application timing, and other directions and precautions for crop being treated.

• SEVIN is the registered trademark of Rhone-Poulenc

ALL APPLICABLE RESTRICTIONS, PRECAUTIONS, AND DIRECTIONS ON THE EPA REGISTERED PRODUCT LABEL MUST BE FOLLOWED.

FORMULATED FOR  
**PLATTE CHEMICAL COMPANY, INC.**  
150 SO. MAIN STREET  
FREMONT, NE 68025  
24199