

4419 204-200 10/18

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number 196633
	Application for Pesticide:		

Section I

1. Company/Product Number 264-345 SEVIN brand FR Carbaryl Insecticide	2. EPA Product Manager Dennis Edwards	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SEVIN brand FR Carbaryl Insecticide	PMS 19	
5. Name and Address of Applicant (Include ZIP Code) Rhone-Poulenc Ag Company 2 T. W. Alexander Drive RTP, NC 27709 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - explain below.
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Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION: As required by PR Notice 93-3, the Environmental Hazards section of this label has been amended to prohibit the application to water.

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-3

DATE 6/29/93

Section III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," Unit Package wgt. _____ No. per container _____	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," Package wgt. _____ No. per container _____	2 Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted.			
3 Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6 Manner In Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other (_____) <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Larry R. Hodges	Title Registration Manager	Telephone No. (Include Area Code) 919-549-2870
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6 Date Application Received (Stamped)
2 Signature 	3 Title Registration Manager	
4 Typed Name Larry R. Hodges	5 Date June 24, 1993	

50417

SEVIN® FR CARBARYL INSECTICIDE

For Agricultural or Commercial Use Only

ACTIVE INGREDIENT: Carbaryl (1 naphthyl methylcarbamate).....40.38%
INERT INGREDIENTS59.62%

(Contains 4 Pounds Carbaryl Per Gallon)

EPA Reg. No. 264-345

EPA Est. No. 264-MO-02

KEEP OUT OF REACH OF CHILDREN CAUTION

For **EMERGENCY** Information **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-800-334-9745

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Never give anything by mouth to an unconscious person or convulsing person. If conscious and not convulsing, drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash thoroughly with soap and water.

IF INHALED: Move from contaminated atmosphere and call a physician.

General: Contact a physician immediately in all cases of suspected poisoning. Transport to a physician or hospital immediately and show a copy of this label to the physician.

NOTE TO PHYSICIAN

Carbaryl is a carbamate insecticide, which is a cholinesterase inhibitor. Overexposure to this substance may cause toxic signs and symptoms due to stimulation of the cholinergic nervous system. These effects of overexposure are spontaneously and rapidly reversible.

Specific treatment consists of parenteral atropine sulfate. Caution should be maintained to prevent overatropinization. Mild cases may be given 1 to 2 mg intramuscularly every 10 minutes until full atropinization has been achieved and repeated thereafter whenever symptoms reappear. Severe cases should be given 2 to 4 mg intravenously every 10 minutes until fully atropinized, then intramuscularly every 30 to 60 minutes as needed to maintain the effect for at least 12 hours. Dosages for children should be appropriately reduced. Complete recovery from overexposure is to be expected within 24 hours.

Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.

To aid in confirmation of a diagnosis, urine samples should be obtained within 24 hours of exposure and immediately frozen.

Consultation on diagnosis, therapy and analysis can be obtained at all hours by calling the Rhône-Pouenc emergency number 1-800-334-7577.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

MAY BE HARMFUL IF SWALLOWED. Avoid Breathing of Spray. Do Not Take Internally. Avoid Contact with Skin, Eyes and Clothing. Wear regular long-sleeved work clothing. Change to clean clothing daily. Wash hands and face before eating. Wash thoroughly after handling.

ANTIDOTE STATEMENT

ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. See NOTE TO PHYSICIAN above.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Discharge from rice fields may kill aquatic and estuarine invertebrates. Do not apply when weather conditions favor drift from area treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters.

BEE CAUTION: MAY KILL HONEYBEES IN SUBSTANTIAL NUMBERS

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 use when value of bees as pollinators is more important than insect control. Before applying, warn beekeepers to locate hives beyond bee flight range until one week after application or to take other equally effective precautions.

NOTIFICATION
LABEL NOT REQUIRING
PER FR NOTICE 80A

DATE. 6/29/93

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Read entire label before using this product.

GENERAL WORKER PROTECTION 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 sprays have dried.

Because 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. Advise workers to stay out of treated areas until spray deposits have dried. Regular long-sleeved work clothing should be worn when working in treated fields. See PRECAUTIONARY STATEMENTS, STATEMENT OF PRACTICAL TREATMENT and NOTE TO PHYSICIAN for information on accidental exposure. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: appropriate signal word (CAUTION), area treated with SEVIN® brand FR Carbaryl Insecticide, date of application, appropriate clothing, and reentry interval (i.e., until sprays have dried).

STORAGE AND DISPOSAL

STORAGE

Store unused SEVIN® brand FR Carbaryl Insecticide in original container only, in cool, dry area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 100° F.

PESTICIDE DISPOSAL

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

CONTAINER DISPOSAL

Triple rinse (or equivalent), then offer for recycling or reconditioning or dispose of in a sanitary landfill, or by other approved state and local procedures.

GENERAL INFORMATION

SEVIN® brand FR Carbaryl Insecticide is a suspension of microfine SEVIN® carbaryl insecticide in an aqueous medium. It readily disperses in water to form a spray which may be applied by air or ground. READ THIS LABEL BEFORE USE. STRICTLY OBSERVE LABEL DIRECTIONS AND CAUTIONS, AND APPLICABLE FEDERAL AND STATE REGULATIONS.

PLANT RESPONSE PRECAUTIONS

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

Do not use on Boston Ivy, Virginia creeper and maidenhair fern as injury will result. During early season, it may also injure Virginia and sand pines.

Observe label instructions on apple thinning and on combinations with certain herbicides on rice and soybeans.

PREHARVEST AND GRAZING USE INFORMATION AND LIMITATIONS

Tolerances established under the Federal Food, Drug and Cosmetic Act permit the sale of crops bearing probable carbaryl residues when this product is used in accordance with label directions. If used as directed, treated forage may be grazed or used as feed for dairy and meat animals without causing illegal residues in meat or milk. This product may be applied up to and including the day of harvest or grazing of forage crops. Application may be made without removing livestock from area being treated.

Do not plant rotational food and feed crops not listed on this or other carbaryl labels in carbaryl treated soil.

Do not use reclaimed irrigation water from crops treated with carbaryl on upland crops for which carbaryl tolerances are not established.

SPRAY PREPARATION

To assure a uniform product, agitate, stir or recirculate all SEVIN® brand FR Carbaryl Insecticide containers prior to use.

Remove oil, rust, scale, pesticide residues and other foreign matter from mix tanks and entire spray system. Flush with clean water. Fill spray or mix tank with 1/2 to 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of SEVIN® brand FR Carbaryl Insecticide, and then the remaining volume of water. Include rinse water from container. Dilution of 1 volume of SEVIN® brand FR with 1 volume of water will allow maximum resistance to washoff by rainfall or overhead irrigation. Dilutions higher than 1:1 are not recommended when residual insect control from washoff resistance is desired. Prepare only as much spray mixture as can be applied on the day of mixing.

MAINTAIN CONTINUOUS AGITATION DURING MIXING AND APPLICATION TO ASSURE A UNIFORM SUSPENSION DO NOT STORE SPRAY MIXTURES FOR PROLONGED PERIODS

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COMPATIBILITY

SEVIN® brand FR Carbaryl Insecticide, when diluted with an equal volume of water, is compatible with a wide range of pesticides. It is not compatible with diesel fuel, kerosene, fuel oil or aromatic solvents. If compatibility of SEVIN® brand FR with another product and the resulting crop response is unknown, it should be tested on a small scale. Curdling, precipitation, greasing, layer formation or increased viscosity are symptoms of incompatibility. Incompatibility will reduce insect control and may cause mechanical difficulties or plant injury. Observe all cautions and limitations on labeling of all products used in mixtures.

When preparing combination sprays, first add SEVIN® brand FR Carbaryl Insecticide to at least an equal volume of water, mix thoroughly, and then add combination products to the mixture. Do not apply tank mix combinations unless your previous experience indicates the mixture is effective and will not result in application problems, excessive residues or plant injury.

Unstable under highly alkaline conditions. Not effective if used with alkaline materials such as Bordeaux, lime-sulfur and casein-lime spreaders.

APPLICATION

On all crops, use sufficient gallonage to obtain thorough and uniform coverage. Calibrate spray equipment to deliver the required volume. The flow rate of SEVIN® brand FR Carbaryl Insecticide diluted 1:1 with water is similar to water. Use 50 mesh slotted strainers in spray system. Avoid applications just before rainfall as poor insect control may result. To clean spray system after use, drain and flush with water. Refer to STORAGE AND DISPOSAL directions for proper disposal of this rinse water.

DIRECTIONS FOR USE THROUGH SPRINKLER IRRIGATION SYSTEMS

Apply this product only through sprinkler irrigation systems including center pivot and solid set. Do not apply this product through any other type of irrigation system.

SPRAY PREPARATION: Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

APPLICATION INSTRUCTIONS: First prepare a suspension of SEVIN® brand FR Carbaryl Insecticide in a mix tank. Fill tank with 1/2 to 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of SEVIN® brand FR, and then the remaining volume of water. (Suspension concentrations using the appropriate dosage per acre recommended on this label of SEVIN® brand FR per 1 to 4 gallons of water are recommended). Then set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of SEVIN® brand FR into the irrigation water line so as to deliver the desired rate per acre. The suspension of SEVIN® brand FR should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. If you should have any other questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

NOTE: When treatment with SEVIN® brand FR Carbaryl Insecticide has been completed, further field irrigation over the treated area should be avoided for 24 to 48 hours to prevent washing the chemical off the crop.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension.

Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute solution per unit time.

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 connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shutdown. 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.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS cont...

Do not apply when wind speed favors drift, when system connection or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise.

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

INSECT CONTROL

Apply when insects or their damage appears. To maintain control repeat at 7 to 14 day intervals or as necessary unless a shorter interval is specified below. Where a dosage range is indicated, use lower rate on young plants and early instars and higher rate on mature plants, advanced instars and adults.

Thorough and uniform spray coverage is essential for effective control.

SEVIN® brand FR Carbaryl Insecticide does not control spider mites. If spider mites are a problem, use a registered miticide.

Regional differences have been noted in the susceptibility of certain strains of fall armyworm to SEVIN® brand FR Carbaryl Insecticide. If local experience indicates inadequate control, use an alternative pesticide.

FORAGE, FIELD AND VEGETABLE CROPS

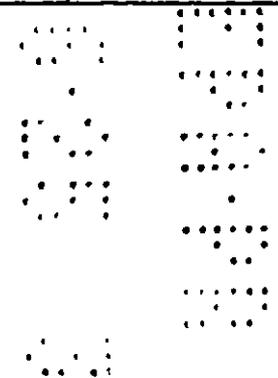
Apply in sufficient spray volume to obtain thorough coverage. Where maximum washoff resistance is needed, use up to 1:1 (vol/vol) dilution with water. Do not dilute greater than 1:11 where washoff resistance is desired. To prepare small volumes of spray, use 1 tablespoonful (1/2 fluid ounce) of SEVIN® FR per gallon of water where rates of 1 quart per acre or 1 quart per 100 gallons are indicated in the tables below.

GRASSHOPPERS

CROP	INSECT	QUARTS OF SEVIN® brand FR/ ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
All Forage, Field and Vegetable Crops	Grasshoppers	1/2 to 1 1/2 Unless noted otherwise	See specific Forage, Field or Vegetable Crops	Use the lower rate for nymph on small plants or sparse vegetation in wasteland, rangeland, pastures, rights-of-way, ditchbanks, hedgerows and roadsides. Use the higher rate for adults or applications to dense vegetation.

FORAGE, FIELD AND VEGETABLE CROPS

CROP	INSECT	QUARTS OF SEVIN® brand FR/ ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS	
Alfalfa	Blister beetles Mexican bean beetle	1/2 to 1	7	Observe plant response precautions. On dense growth, use 25 to 40 gallons per acre with ground equipment to ensure adequate coverage. For alfalfa weevil larvae, if pre-treatment damage is extensive, cut alfalfa and treat the stubble. Apply only once per cutting.	
	Alfalfa caterpillar Bean leaf beetle Cucumber beetles Green cloverworm Japanese beetle	Leafhoppers Three cornered alfalfa hopper Thrips Velvet bean caterpillar			1
	Armyworm Cloverhead weevil Corn earworm Cutworms Egyptian alfalfa weevil larvae Essex skipper	European alfalfa beetle Fall armyworm Lygus bugs Webworms Yellowstriped armyworm			1 to 1 1/2
	Alfalfa weevil larvae West of the Rocky Mountains				1 to 1 1/2
	Alfalfa weevil larvae East of the Rocky Mountains				1 1/2
	Asparagus	Asparagus beetle			1 to 2
Apache cicada		2 to 4	Post harvest application only		



FORAGE, FIELD AND VEGETABLE CROPS

CROP	INSECT	QUARTS OF SEVIN® brand FR/ ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Beans (including	Blister beetles Mexican bean beetle	1/2 to 1		Observe plant response precautions.

FORAGE, FIELD AND VEGETABLE CROPS

CROP	INSECT	QUARTS OF SEVIN® brand FR/ ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Corn (field, sweet, pop)	Armyworm Corn earworm Corn rootworm (adults) European corn borer Fall armyworm Flea beetles Japanese beetle Sap beetles Southwestern corn borer Leafhoppers	1 to 2	0	OBSERVE BEE CAUTION For insects attacking silks and ears, apply at 1 to 6 day intervals starting when first silks appear and continuing until silks begin to dry. For larvae in whorl and foliage feeders, apply as necessary. Optimum timing and good coverage are essential for effective control.
	Western bean cutworm	2		Treat when infestation averages 15% and at 90% to 100% tassel emergence. Treatment after 100% silk emergence will reduce effectiveness.
	Cutworms	2 to 6 1/2		Apply in a 12 inch band, using 6 fluid ozs. per 1000 linear feet of row, in at least 15 gallons of water per acre. For broadcast application, use 6.5 quarts in at least 20 gallons (ground) or 5 gallons (air) of water per acre.
Cotton	Cotton fleahopper Cotton leafworm Flea beetles Striped blister beetle Thrips	1/2 to 1	7	Early season insect control.
	Boll weevil Bollworms Cotton leaf perforator Fall armyworm Leafrollers Leafhoppers Tarnished plant bug Yellowstriped armyworm (cotton cutworm)	1 to 2		Treat on a 5 to 7 day schedule for as long as control is necessary. Mid and late season insect control. May be applied after bolls open.
	Lygus bugs	1 to 2		For light to moderate populations in Western irrigated cotton.
	Pink bollworm	1 1/2 to 2 1/2		Aphid populations will be suppressed by repeated applications of this insecticide.
	Stinkbugs	Saltmarsh caterpillar		2
Cucumber Melons Pumpkin Squash	Pickleworm	1/2 to 1	0	Observe plant response and precautions.
	Cucumber beetles Flea beetles Leafhoppers Squash bugs	1		Avoid excessive applications.

FORAGE, FIELD AND VEGETABLE CROPS

CROP	INSECTS	QUARTS OF SEVIN® brand FR/ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Dandelion Endive (Escarole) Lettuce Salsify	Flea beetles Harlequin bug Leafhoppers	1/2 to 1	3 (head lettuce & salsify roots)	Observe plant response precautions.
	Aster leafhopper Lygus bugs Spittlebugs	1 to 1 1/2	14 (dandelion, endive (escarole) leaf lettuce & salsify tops)	Treat on a 5 to 7 day schedule after heads begin to form.
	Armyworm Corn earworm Fall armyworm Imported cabbage worm Stink bugs Tarnished plant bug	1 to 2		
Pasture	Armyworm Black grass bugs Chinch bugs Essex skipper Fall armyworm Range caterpillars Range crane fly Striped grass looper Thrips	1 to 1 1/2	0 (aerial application) 4 (ground application)	To control thrips in grasses grown for seed, use high spray pressure to improve penetration into boot. Apply a maximum of 2 applications per year. Allow at least 14 days between applications. Do not allow foraging or cut for hay within 14 days of last application by ground. Aerially treated pastures can be grazed or cut for hay on day of treatment. Carefully mark swaths to avoid over application.
	Grasshoppers			Refer to the general GRASS-HOPPER section.
Rangeland	Blackgrass bug Mormon cricket Range crane fly Range caterpillars	1/2 to 1	0	For aerial application only. Apply a maximum of 2 applications per year. Allow at least 14 days between applications. Carefully mark swaths to avoid over application.
	Grasshoppers			Refer to the general GRASS-HOPPER section.
Wasteland Rights-of-Way Hedgerows Ditchbanks Roadsides	Blackgrass bug Mormon cricket Range crane fly Range caterpillar	1/2 to 1	0 (aerial application) 14 (ground application)	Apply a maximum of 2 applications per year. Allow at least 14 days between applications. Do not allow foraging or cut for hay within 14 days of last application by ground. Aerially treated areas can be grazed or cut for hay on day of treatment. Carefully mark swaths to avoid over application.

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FORAGE, FIELD AND VEGETABLE CROPS

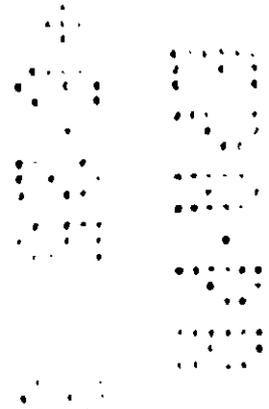
CROP	INSECTS	QUARTS OF SEVIN® brand FR/ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS	
Wasteland Rights-of-Way Hedgerows Ditchbanks Roadsides	Grasshoppers			Refer to the general GRASS-HOPPER section.	
Garden beet Spinach Swiss chard	Flea beetles Harlequin bug	Leafhoppers	1/2 to 1	3 (garden beet roots)	Treat on a 5 to 7 day schedule.
	Aster leafhopper		1 to 1 1/2		
	Armyworm Corn earworm Fall armyworm	Stink bugs Tarnished plant bug		1 to 2	
Okra	Corn earworm	Stink bugs	1 to 2	0	Treat on a 5 to 6 day schedule.
Peanuts	Blister beetles	Mexican bean beetle	1/2 to 1	0	Observe plant response precautions.
	Alfalfa caterpillar Bean leaf beetle Cucumber beetles Green cloverworm Japanese beetle Leafhoppers	Red-necked peanutworm Three cornered alfalfa hopper Velvetbean caterpillar	1		
	Armyworm Corn earworm Fall armyworm	Stink bugs Webworms	1 to 1 1/2		
	Whitefringed beetle (adults) Cutworms		2		
Peas	Colorado potato beetle	Leafhoppers	1	3	
	Armyworms		1 to 1 1/2		
	Alfalfa caterpillar Cutworms Pea leaf weevil	Pea weevil Yellowstriped armyworm	1 1/2		
	Alfalfa looper		2 1/2		
Potato Tomato Eggplant Pepper	Colorado potato beetle Flea beetles Leafhoppers		1/2 to 1	0	
	European corn borer Fall armyworm Lace bugs Stink bugs	Tarnished plant bug Tomato fruit-worm Tomato horn-worm Tomato pinworm	1 to 2		
	Cutworms		2		

FORAGE, FIELD AND VEGETABLE CROPS

CROP	INSECTS	QUARTS OF SEVIN® brand FR/ ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Rice	Armyworm Chinch bugs	Fall armyworm Stink bugs	1 to 1 1/2	<p>CAUTION: May kill shrimp and crabs. Do not use in areas where these are important resources. Do not use on rice fields in which crayfish and/or catfish farming are included in the cultural practice.</p> <p>Do not apply propanil herbicides within 15 days before or after SEVIN® brand FR application or plant injury will result.</p> <p>MISSISSIPPI and TEXAS</p>
	Armyworm Leafhoppers	Tadpole shrimp	2	
Sorghums (milo, grain, sorghum, sweet sorghum and hybrids)	Armyworm Chinch bugs Corn earworm	Fall armyworm Stink bugs Webworms	1 to 2	<p>Direct spray into forming heads for optimum insect control. Treat for sorghum midge when 25 to 30 percent of heads have emerged from boot and are in bloom. Repeat application 3 to 5 days later if adults are still active. A third application may be necessary in late planted sorghum or if midge are abundant.</p> <p>For chinch bugs, use high gallonage ground application directed at the base of plants.</p>
	Sorghum midge Southwestern corn borer		1 1/2	
	Cutworms		2	
Soybeans	Bean leaf beetle Cucumber beetles Green cloverworm	Mexican bean beetle Velvetbean caterpillar	1/2	<p>Do not apply a combination of this product and 2,4-DB Herbicides to soybeans as crop injury may result.</p> <p>For light to moderate populations To control heavy infestations, use higher rate.</p>
	Corn earworm		1/2 to 3/4	
	Blister beetles Grape colaspis Mexican bean beetle		1/2 to 1	
	Alfalfa caterpillar Bean leaf beetle Cucumber beetles Green cloverworm Japanese beetle Leafhoppers	Three cornered alfalfa hopper Thrips Velvetbean caterpillar	1	
	Armyworm Corn earworm Cutworm	Fall armyworm Stink bugs Webworms	1 to 1 1/2	
	Painted lady (Thistle caterpillar)	Saltmarsh caterpillar Yellowstriped armyworm	2 to 2 1/2	

FORAGE, FIELD AND VEGETABLE CROPS

CROP	INSECTS	QUARTS OF SEVIN® brand FR/ ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Sugarbeets	Armyworm Beet leaf beetle Fall armyworm	Flea beetles Leafhoppers Webworms	1 to 1 1/2	
	Cutworms	1 1/2		
Tobacco	Tobacco flea beetle	2 Tbs./gallon or 1 qt./50 gal. and apply 6 gal./100 sq. yard	0	IN PLANT BEDS To prevent plant injury, avoid excessive applications.
	Green June beetle grubs	1/2 qt./100 gallons		Apply only to areas that larvae have uprooted by sprinkling as a drench with 50 to 100 gallons per 100 sq. yards.
	Budworms Fall armyworms Flea beetles Hornworms	Japanese beetle June beetle Suckfly		1 to 2
Wheat	Cereal leaf beetle	1	0 (forage) 21 (grain)	Do not use in California. Application is effective against eggs, larvae, and adults. Do not plant rotational crops not listed on the product label within 18 months following treatment.
	Armyworm Fall armyworm	1 to 1 1/2		



TREE FRUIT AND NUT CROPS

For dilute sprays apply the specified dosage per 100 gallons of water. For concentrate and aerial sprays increase the concentration of SEVIN® FR in the spray mixture to apply an amount per acre equivalent to that in a dilute spray. The optimum spray gallonage will depend on tree size, density and stage of growth. Typical spray gallonages per acre range from 200-300 gallons for dilute sprays, 30-100 gallons for concentrate sprays, and 10-25 gallons for aerial sprays. Do not exceed maximum label rate per acre per application.

CROP	INSECTS	QUARTS OF SEVIN® brand FR 100 GAL.	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS																				
Apple Thinning (Apples only)		1/4 to 1/2	1	<p>Apply 1 full coverage dilute spray between 10 to 25 days after full bloom. If factors such as tree age, variety, nutrition, previous crop, pruning, bloom and degree of set favor excessive fruit thinning with SEVIN® FR, exercise caution to avoid possible yield reduction.</p> <p>For easily thinned varieties including Cortland, Grimes, Jonathan, McIntosh, Orleans, Rome Beauty, Puritan, Red Delicious, Winesap, Yellow Newton.</p> <p>Consult your County Extension Service or other experts for advice on the proper use of this product.</p>																				
		1/2 to 1	1	<p>For difficult to thin varieties including Baldwin, Ben Davis, Duchess, Early McIntosh, Golden Delicious, Lady Apple, Northern Spy, Rhode Island Greening, Steele Red, Turley, Wealthy, Yellow Transparent and York Imperial.</p>																				
Almond	Peach twig borer San Jose scale Fruittree leafroller	1	28	<p>Apply in "popcorn" or petal fall stages and again when the May brood of the peach twig borer begins to hatch or thereafter as needed.</p>																				
	Navel orange-worm			<p>Time early and mid-season applications to correspond to moth flight peaks. Make a late season application at initiation of hull split or up to 10% hull split. Do not apply more than 5 quarts per acre.</p>																				
Apples Pears	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Apple aphid</td> <td style="width: 50%;">Lygus bugs</td> </tr> <tr> <td>Apple rust mite</td> <td>Orange Tortrix</td> </tr> <tr> <td>Apple sucker</td> <td>Oystershell</td> </tr> <tr> <td>Bagworm</td> <td>scale</td> </tr> <tr> <td>California pear-slug (pear sawfly)</td> <td>Pear leaf blister mite</td> </tr> <tr> <td>Codling moth</td> <td>Pear psylla</td> </tr> <tr> <td>Eyespotted bud moth</td> <td>Pear rust mite</td> </tr> <tr> <td>Green fruitworm</td> <td>San Jose scale</td> </tr> <tr> <td>Lecanium scales</td> <td>Tentiform leaf-miners</td> </tr> <tr> <td>Lesser appleworm</td> <td>Woolly apple aphid</td> </tr> </table>	Apple aphid	Lygus bugs	Apple rust mite	Orange Tortrix	Apple sucker	Oystershell	Bagworm	scale	California pear-slug (pear sawfly)	Pear leaf blister mite	Codling moth	Pear psylla	Eyespotted bud moth	Pear rust mite	Green fruitworm	San Jose scale	Lecanium scales	Tentiform leaf-miners	Lesser appleworm	Woolly apple aphid	3/4 to 1	1	<p>WEST OF THE ROCKY MOUNTAINS:</p> <p>To avoid undesired apple thinning, delay use until at least 30 days after full bloom.</p> <p>For psylla control, apply when eggs hatch or young nymphs are present</p>
Apple aphid	Lygus bugs																							
Apple rust mite	Orange Tortrix																							
Apple sucker	Oystershell																							
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TREE FRUIT AND NUT CROPS

CROP	INSECTS	QUARTS OF SEVIN® brand FR/ 100 GAL.	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Apples Pears (cont.)	Apple mealybug Apple aphid Codling moth	White apple leafhopper 1/2	1	<p>EAST OF THE ROCKY MOUNTAINS</p> <p>To avoid undesired apple thinning, delay use until at least 30 days after full bloom.</p> <p>For optimum scale control, apply when crawlers are present.</p>
	Apple maggot Apple rust mite Bagworms Eastern tent caterpillar European apple sawfly Eyespotted bud moth Forbes scale Fruit tree leafroller Green fruitworm Japanese beetle Lecanium scales Lesser appleworm Oystershell scale	Pear psylla Pear leaf blister mite Pear rust mite Periodical cicada Plum curculio Red banded leafroller Rosy apple aphid San Jose scale Tarnished plant bug Tentiform leafminers Woolly apple aphid Yellowheaded fireworm	1	
Citrus Fruits (such as grapefruit, lemons, oranges, tangelos, tangerines, citrus citron, kumquats and hybrids)	Avocado leafroller California orange-dog Citrus cutworm Citrus root weevil Fruittree leafroller	Orange tortrix Western tussock moth West Indian sugarcane borer (adults)	1	<p>Do not apply more than 20 quarts of SEVIN® FR per acre per application.</p> <p>Do not apply less than 10 gallons of dilute spray mixture per mature tree. May be mixed with petroleum oils commonly used on citrus.</p>
	Black scale Brown soft scale California red scale	Citricola scale Citrus snow scale Yellow scale	3/4 to 1	
Filbert	Filbert aphid Filbert leafroller Filbertworm	1	0	Apply when leafroller eggs are hatching. Repeat on first appearance of adult filbert moths and again 3 to 4 weeks later.
Olives	Olive scale	3/4 to 1	0	For optimum scale control add 1 1/2 gallons of summer oil and apply mixture when crawlers are present. Do not exceed 2 applications per year. Do not apply more than 15 quarts of SEVIN® FR per acre per application.

TREE FRUIT AND NUT CROPS

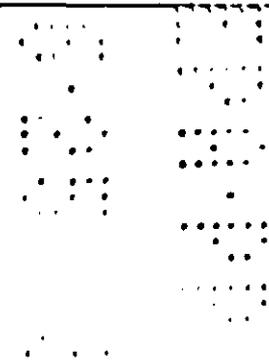
CROP	INSECTS	QUARTS OF SEVIN® brand FR/ 100 GAL.	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS				
Peaches Apricots Nectarines	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Apple pandemis Codling moth Cucumber beetles European earwig Fruittree leafroller Japanese beetle June beetles Lecanium scales Lesser peachtree borer Olive scale</td> <td style="width: 50%; border: none;">Orange tortrix Oriental fruit moth Peach twig borer Periodical cicada Plum curculio Redbarred leafroller San Jose scale Tarnished plant bug Tussock moths Variegated leafroller</td> </tr> </table>	Apple pandemis Codling moth Cucumber beetles European earwig Fruittree leafroller Japanese beetle June beetles Lecanium scales Lesser peachtree borer Olive scale	Orange tortrix Oriental fruit moth Peach twig borer Periodical cicada Plum curculio Redbarred leafroller San Jose scale Tarnished plant bug Tussock moths Variegated leafroller	1	1 (peaches) 3 (apricots and nectarines)	<p>Do not apply more than 6 quarts of SEVIN® FR per acre per application to apricots.</p> <p>For optimum scale control apply when crawlers are present. Spray limbs and trunk thoroughly, weekly during moth flight.</p>		
Apple pandemis Codling moth Cucumber beetles European earwig Fruittree leafroller Japanese beetle June beetles Lecanium scales Lesser peachtree borer Olive scale	Orange tortrix Oriental fruit moth Peach twig borer Periodical cicada Plum curculio Redbarred leafroller San Jose scale Tarnished plant bug Tussock moths Variegated leafroller							
Pecans	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Black margined aphid Fall webworm Hickory shuckworm Lesser webworm Pecan leaf phylloxera</td> <td style="width: 50%; border: none;">Pecan nut casebearer Pecan spittlebug Pecan weevil Twig girdler Walnut caterpillar</td> </tr> </table>	Black margined aphid Fall webworm Hickory shuckworm Lesser webworm Pecan leaf phylloxera	Pecan nut casebearer Pecan spittlebug Pecan weevil Twig girdler Walnut caterpillar	1 to 2 1/2	0	Do not apply more than 7.2 quarts of SEVIN® FR per acre per application.		
Black margined aphid Fall webworm Hickory shuckworm Lesser webworm Pecan leaf phylloxera	Pecan nut casebearer Pecan spittlebug Pecan weevil Twig girdler Walnut caterpillar							
Plums Prunes Cherries	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Black cherry aphid Brown soft scale Cherry fruitworm Cherry maggot European earwig Eyespotted bud moth Forbes scale Fruittree leafroller Green fruitworm Japanese beetle Lecanium scales</td> <td style="width: 50%; border: none;">Lesser peach-tree borer Mealy plum aphid Oystershell scale Peach twig borer Plum curculio Prune leaf hopper Redbanded leafroller Rose chafer San Jose scale Variegated leafroller</td> </tr> <tr> <td style="width: 50%; border: none;">Codling moth Eastern tent caterpillar</td> <td style="width: 50%; border: none;">Orange tortrix Tussock moth</td> </tr> </table>	Black cherry aphid Brown soft scale Cherry fruitworm Cherry maggot European earwig Eyespotted bud moth Forbes scale Fruittree leafroller Green fruitworm Japanese beetle Lecanium scales	Lesser peach-tree borer Mealy plum aphid Oystershell scale Peach twig borer Plum curculio Prune leaf hopper Redbanded leafroller Rose chafer San Jose scale Variegated leafroller	Codling moth Eastern tent caterpillar	Orange tortrix Tussock moth	1	1	<p>Do not apply more than 6 quarts of SEVIN® FR per acre per application.</p> <p>For optimum scale control apply when crawlers are present.</p> <p>For lesser peachtree borer control, spray limbs and tree trunks thoroughly, weekly during moth flight.</p>
Black cherry aphid Brown soft scale Cherry fruitworm Cherry maggot European earwig Eyespotted bud moth Forbes scale Fruittree leafroller Green fruitworm Japanese beetle Lecanium scales	Lesser peach-tree borer Mealy plum aphid Oystershell scale Peach twig borer Plum curculio Prune leaf hopper Redbanded leafroller Rose chafer San Jose scale Variegated leafroller							
Codling moth Eastern tent caterpillar	Orange tortrix Tussock moth							
Walnut	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Calico scale European fruit lecanium</td> <td style="width: 50%; border: none;">Fibbertworm Fruittree leafroller Frosted scale</td> </tr> </table>	Calico scale European fruit lecanium	Fibbertworm Fruittree leafroller Frosted scale	1/2	0	Apply 1000 gallons of dilute spray per acre for mature trees.		
	Calico scale European fruit lecanium	Fibbertworm Fruittree leafroller Frosted scale						
	Codling moth			For codling moth apply first spray when average cross-sectional diameters of developing nuts are 1/2 to 3/4 inch. Repeat during middle or late June as needed.				
European earwig		2	Spray tree trunks to point of run-off					

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SMALL FRUIT CROPS

Recommended dosages refer to quarts of SEVIN® FR per acre. The optimum spray gallonage will depend on plant size, density and stage of growth. Typical spray gallonages per acre range from 100-300 gallons for dilute sprays, 30-100 gallons for concentrate sprays and 10-25 gallons of aerial sprays. Do not exceed maximum label rate per acre per application.

CROP	INSECTS		QUARTS OF SEVIN® brand FR/ ACRE	PREHARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Blackberries Raspberries Dewberries (including Boysenberries and Loganberries)	European raspberry aphid Japanese beetle	Leafhoppers Leafrollers Rose chafer Snowy tree cricket	1 to 2	7	CALIFORNIA ONLY.
	Omnivorous leafroller Raspberry sawfly		2		
Blueberries	Blueberry maggot Cherry fruitworm Cranberry fruitworm	European fruit lecanium Japanese beetle	1 1/2	0	Apply 3 weeks before harvest and repeat as necessary.
Cranberries	Cutworms Cranberry fireworms Cranberry fruitworms	Japanese beetle Leafhoppers Rose chafer	1 1/2 to 3	1	CAUTION: May kill shrimp and crabs. Do not use in areas where these are important resources. Apply in late bloom and as needed at 7 to 10 day intervals.
Grapes	European fruit lecanium Grape leafroller Grape leafhopper	Western grapeleaf skeletonizer Western yellowstriped armyworm	1 to 2	7	Apply before first brood leafroller larvae emerge from rolls.
	Cutworms Eight-spotted forester Grape berry moth Japanese beetle June beetle	Orange tonrix Omnivorous leafroller Redbanded leafroller Saltmarsh caterpillar	2		
Strawberries	Flea beetles Meadow spittlebug Omnivorous leafier (strawberry fruitworm)	Strawberry leafroller Strawberry weevil	1 to 2	1	Carbaryl may injure Early Dawn and Sunrise varieties on the Delmarva Peninsula.



TREES AND ORNAMENTALS

For dilute-spray ground applications to trees (including shade trees, shelter belts, forests, plantations, parks and recreational areas), ornamentals, woody plants and shrubs, apply the specified dosage per 100 gallons of water. For concentrate-spray ground applications, apply the specified dosage per acre in sufficient spray volume to provide thorough coverage. To prepare small volumes of spray, use 1 tablespoon (1/2 fluid ounce) of SEVIN® brand FF Carbaryl Insecticide per gallon of water, where rates of 1 quart are indicated. For aerial applications to forest trees (including shade trees, shelter belts, plantations, parks and recreational areas) and commercially grown ornamentals, woody plants and shrubs, apply the specified dosage per acre in sufficient spray volume to provide thorough coverage. Avoid direct application to lakes, streams and ponds.

CROP	INSECTS	QUARTS OF SEVIN® BRAND FF	SPECIFIC DIRECTIONS
<p>GROUND APPLICATION</p> <p>Trees (including shade trees, shelter belts, forests, plantations, parks and recreational areas.)</p> <p>Ornamentals (including roses, flowers and other herbaceous plants).</p> <p>Woody Plants and Shrubs.</p> <p>AERIAL APPLICATION</p> <p>Forest trees (including shade trees, shelter belts, forests, plantations, parks and recreational areas) and Commercially Grown Ornamentals (including roses, flowers and other herbaceous plants), Woody Plants and Shrubs.</p>	<p>Ants</p> <p>Apple aphid</p> <p>Amyworm</p> <p>Azalea leafminer</p> <p>Bagworms</p> <p>Birch leafminer</p> <p>Blister beetle</p> <p>Boxelder bug</p> <p>Boxwood leafminer</p> <p>Brown tail moth</p> <p>Cankerworms</p> <p>Catalpa sphinx</p> <p>Chiggers</p> <p>Cooley spruce gall aphid</p> <p>Cutworms</p> <p>Cypress tip moth</p> <p>Douglas fir tussock moth</p> <p>Eastern spruce gall aphid</p> <p>Elm leaf aphid</p> <p>Elm leaf beetle</p> <p>Elm spanworm</p> <p>Eriophyid mites</p> <p>European pine shoot moth</p> <p>Fall armyworm</p> <p>Flea beetles</p> <p>Fuller rose beetle</p> <p>Gall midges</p> <p>Gall wasps</p> <p>Green striped mapleworm</p> <p>Grasshoppers</p> <p>Gypsy moth</p> <p>Hackberry nipple-gall maker</p> <p>Holly bud moth</p> <p>Holly leafminer</p> <p>Jackpine budworm</p> <p>Japanese beetle</p> <p>Jeffrey pine needleminer</p> <p>June beetles</p> <p>Lace bugs</p> <p>Leafhoppers</p> <p>Leafrollers</p> <p>Locust borer</p> <p>Maple leafcutter</p> <p>Mealy bugs</p> <p>Mimosa webw</p> <p>Nantucket pine tip moth</p> <p>Oak leafminer</p> <p>Oak leaf skeletonizer</p> <p>Oakworm complex</p> <p>Oleander caterpillar</p> <p>Olive ash borer</p> <p>Orange striped oakworm</p> <p>Orange tortrix</p> <p>Periodical cicada</p> <p>Fine sawfly</p> <p>Pine spittlebug</p> <p>Pitch pine tip moth</p> <p>Plant bugs</p> <p>Poinsettia hornworm</p> <p>Psyllids</p> <p>Puss caterpillar</p> <p>Redhumped oakworm</p> <p>Rose aphid</p> <p>Rose chafer</p> <p>Roseslug</p> <p>Saddled prominent Sawflies (exposed)</p> <p>Scale insects</p> <p>Sowbugs</p> <p>Spiny elm caterpillar</p> <p>Springtails</p> <p>Spruce budworm</p> <p>Spruce needleminer</p> <p>Subtropical pine tip moth</p> <p>Tent caterpillar</p> <p>Thorn bug</p> <p>Trips (exposed)</p> <p>Ticks</p> <p>Walnut caterpillar</p> <p>Webworms</p> <p>Western hemlock looper</p> <p>Western spruce budworm</p> <p>Willow leaf beetles</p> <p>Yellow poplar weevil</p>	<p>1</p>	<p>Observe plant response precautions.</p> <p>Apply dilute sprays to obtain thorough coverage of upper and lower leaf surfaces. To control scale insects, treat trunks, stems and twigs in addition to plant foliage. For optimum worm control, treat when in early instars. Addition of a sticker may improve residual control.</p>
	<p>Ips engraver beetles</p> <p>Western pine beetle</p> <p>Roundheaded pine beetle</p> <p>Western pine beetle</p>	<p>20</p>	<p>Effective as a preventive treatment only. Repeat annually, as required to prevent beetle attacks.</p> <p>Apply 1 gallon of spray per 50 square feet of bark in late May to early July, or prior to beetle attack. Treat tree trunks from ground level up, until trunk diameter is less than 5 inches.</p>

LAWNS AND RECREATIONAL AREAS

CROP	INSECTS	SPECIFIC DIRECTIONS	
Lawns and Recreational areas (including turf, golf courses and parks)	Ants Armyworm Bluegrass billbug Centipedes Chiggers Cutworms Earwigs Essex skipper European chafer Fall armyworm Fiery skipper Fleas Grasshoppers	June beetles Leafhoppers Lucerne moth Millipedes Mosquitoes Sod webworms (lawn moths) Sowbugs Springtails Ticks Yellowstriped armyworm	Use 1 quart of SEVIN® FR in 150 to 200 gallons of spray mixture per 5000 square feet of established lawn, recreational area, roadway or path border. For best results, mow lawn and apply after watering or rain. Insure good penetration of turf. Garden hose or pressure applicators may be used. Repeat 2 to 3 weeks later if necessary.
	Chinch bugs	White grubs	

MOSQUITO CONTROL

For dilute-spray ground applications to trees (including shade trees, shelter belts, forests, plantations, parks and recreational areas), ornamentals, woody plants and shrubs, apply the specified dosage per 100 gallons of water. For concentrate-spray ground applications, apply the specified dosage per acre in sufficient spray volume to provide thorough coverage. To prepare small volumes of spray, use 1 tablespoon (1/2 fluid ounce) or SEVIN® brand FR Carbaryl Insecticide per gallon of water, where rates of 1 quart are indicated. For aerial applications to forest trees (including shade trees, shelter belts, plantations, parks and recreational areas) and commercially grown ornamentals, woody plants and shrubs, apply the specified dosage per acre in sufficient spray volume to provide thorough coverage. Avoid direct application to lakes, streams and ponds.

ADULT MOSQUITOS

CROP	QUARTS OF SEVIN® brand FR/ 100 GALLONS	SPECIFIC DIRECTIONS
Pastures, Rangelands, Parks, Recreational Areas, Logging Camps, Military Posts and adjacent Forested lands or Wastelands	1/4 to 1 (1/2 to 1 tablespoonful per gallon)	CAUTION: May kill shrimp and crabs. Do not use in areas where these are important resources. OBSERVE BEE CAUTION. Treat shrubbery and areas where adult mosquitoes congregate. Treat when adult mosquitos are active in early mornings or late evening. Repeat at 7 to 10 day intervals. Use 1/4 to 1/2 quart per 100 gallons of mistblowers. 1/2 to 1 quart per acre in aerial sprays and 1 quart per acre in low pressure ground sprayers.
	25	For residual control in subtropical regions apply 4 gallons of prepared spray per 2000 square feet of surface area. Repeat in 3 to 6 months or when necessary.

PEST CONTROL AROUND BUILDINGS LIMITED TO PEST CONTROL OPERATORS ONLY

For exterminator use around buildings only. Do not treat animals.

CROP	QUARTS OF SEVIN® brand FR/ 100 GALLONS	SPECIFIC DIRECTIONS
Ants Cockroaches	20 (20 tablespoonfuls/gallon)	Apply as a coarse wet spray or with a paint brush to outdoor sleeping quarters of pets, outside perimeter of dwellings and other areas where insects tend to congregate
Brown dog tick Earwigs Fleas Millipedes Silverfish	10 (10 tablespoonfuls/gallon)	Do not use in food areas of food handling establishments, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. Avoid application to surfaces where visible sprays residues are objectionable

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POULTRY ROOST AND BUILDINGS ONLY

POULTRY QUARTERS	QUARTS OF SEVIN® brand FR/ 100 GALLONS	SPECIFIC DIRECTIONS
Bed bugs Chicken mite Fleas Lice Northern fowl mite	4	DO NOT TREAT POULTRY OR GAME BIRDS. Apply 1 to 2 gallons of spray mixture per 1000 square feet of wall, litter or roost surface. Force spray into cracks. Repeat as needed. Avoid contamination of nests, eggs, and feeding and watering troughs.
Fowl ticks	16	Ventilate while spraying. Do not treat premises within 7 days of slaughter.
Lesser mealworms	50	Apply 2 gallons of spray mixture per 1000 square feet of floor space or litter surface. Repeat as needed. Ventilate while spraying. Do not treat premises within 7 days of slaughter.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER

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THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

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