

Sevin brand

XLR PLUS

CARBARYL INSECTICIDE

FOR AGRICULTURAL OR COMMERCIAL USE ONLY

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl N-methylcarbamate).....41.2% by wt.

INERT INGREDIENTS.....58.8% by wt.

This product contains the toxic inert ingredient formaldehyde.

(Contains 4 Pounds Carbaryl Per Gallon)

E.P.A. Reg. No. 264-333

E.P.A. Est. No. 264-MO-02

KEEP OUT OF REACH OF CHILDREN

CAUTION

CUIDADO

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

For additional PRECAUTIONARY STATEMENTS see inside booklet.

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

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

RHÔNE-POULENC AG COMPANY

P.O. Box 12014, 2 T.W. Alexander Drive, Research Triangle Park, N.C. 27709

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SEVIN is the registered trademark of RHÔNE-POULENC NEDERLAND B.V. for carbaryl insecticides

RP-2100-019-38

DO NOT DETACH BOOKLET FROM CONTAINER

ACCEPTED

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Made in U.S.A.

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PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

MAY BE HARMFUL IF SWALLOWED OR INHALED. OVEREXPOSURE MAY CAUSE: Salivation, watery eyes, pinpoint eye pupils, blurred vision, muscle tremors, difficult breathing, excessive sweating, abdominal cramps, nausea, vomiting, diarrhea, weakness, headache. IN SEVERE CASES CONVULSION, UNCONSCIOUSNESS AND RESPIRATORY FAILURE MAY OCCUR. SIGNS AND SYMPTOMS OF OVEREXPOSURE OCCUR RAPIDLY FOLLOWING EXPOSURE TO THIS PRODUCT

Avoid breathing spray mist. Do not take internally. Avoid contact with eyes, skin or clothing. Wear regular long-sleeved work clothing and head covering. Change to clean clothing daily. Bathe and wash hair after each work day. Do not eat, drink or use tobacco while working with this product or spray solutions. Wash hands and face before eating, drinking or using tobacco. Keep out of reach of children and domestic animals.

ANTIDOTE STATEMENT

ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldosime methiodide) are NOT recommended. See NOTE TO PHYSICIAN below.

STATEMENT OF PRACTICAL TREATMENT

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. If poisoning is suspected in animals, contact a veterinarian.

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

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. Gastric lavage may be used if this product has been swallowed. Carbaryl poisoning may occur rapidly after ingestion and prompt removal of stomach contents is indicated.

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-aldosime 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 RHOONE-POULENC AG COMPANY emergency number 1-800-334-7577.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water and wetlands, except under the forest canopy and use on rice. 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 equipment or disposal of wastes.

BEE CAUTION

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. However, field studies have shown that SEVIN® brand XLR PLUS Carbaryl insecticide is less hazardous to honey bees than other carbaryl products when direct application to bees is avoided and the spray residues have dried. For maximum honey bee hazard reduction, apply from late evening to early morning or when bees are not foraging. Do not apply this product or allow it to drift to blooming crops or weeds if bees are foraging in the treatment area. However, applications

may be made during foraging periods if the beekeeper takes one of the following precautionary measures prior to bee flight activity on the day of treatment: (1) Confine the honey bees to the hive by covering the colony or screening the entrance or; (2) locate hives beyond bee flight range from the treated area. Precautionary measures may be discontinued after spray residues have dried. Contact your cooperative Agricultural Extension Service or your local RHONE-POULENC AG COMPANY representative for further information.

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 the 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 (except alfalfa). Application may be made without removing livestock from area being treated. Do not apply at greater rates or at more frequent intervals than is stated on the label. To do so may result in illegal residues in crops, meat, and milk. Do not plant rotational feed 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 crops for which carbaryl tolerances are not established.

PLANT RESPONSE PRECAUTIONS

To avoid possible injury to tender foliage, do not apply to wet foliage or during periods of high humidity.

Do not use on Boston Ivy, Virginia creeper and madenhar fern as injury may result. Carbaryl may also injure Virginia and sand pines.

Carefully observe label instructions for apple thinning to avoid excessive thinning. Combinations with certain herbicides on rice and soybeans may be phytotoxic. Refer to specific directions for appropriate crop.

SPRAY PREPARATION

TO ASSURE A UNIFORM SUSPENSION, AGITATE, STIR OR RECIRCULATE ALL CONTAINERS OF THIS PRODUCT 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 $\frac{1}{2}$ to $\frac{3}{4}$ the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of SEVIN® brand XLR PLUS Carbaryl Insecticide, and then the remaining volume of water. Include rinse water from container. 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 MIXTURE FOR PROLONGED PERIODS OR DEGRADATION OF CARBARYL MAY OCCUR. Local water conditions may also accelerate the degradation of spray mixtures containing carbaryl. See COMPATIBILITY STATEMENT below.

WASHOFF RESISTANCE AND COVERAGE

Dilution of 1 volume of SEVIN® brand XLR PLUS Carbaryl Insecticide with 1 volume of water provides maximum resistance to washoff by rainfall or overhead irrigation. Dilutions higher than 1 part SEVIN® brand XLR PLUS Carbaryl Insecticide to 39 parts water (1:39) are not recommended when washoff resistance is desired.

To achieve washoff resistance, SEVIN® brand XLR PLUS Carbaryl Insecticide must be diluted as stated above, and droplets must dry on the foliage. When atmospheric humidity is low, a drying time of at least two hours is generally adequate. Under high humidity a longer drying time is required. Washoff resistance cannot be expected if this product is applied to wet foliage and has not thoroughly dried prior to rainfall or overhead irrigation.

On all crops, use sufficient spray volume to obtain thorough coverage. Optimum pest control under certain crop, pest or climatic conditions may require spray gallonages higher than the 1:39 dilution. For example in hot, and weather (low humidity), higher spray gallonage per acre may be required to compensate for loss from evaporation and insure thorough coverage. The total spray volume required for effective pest control can best be determined by previous experience, pest and crop conditions and local recommendations.

COMPATIBILITY

SEVIN® brand XLR PLUS Carbaryl Insecticide, when diluted with at least 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 with another product and the resulting crop response is unknown, the mixture 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 application and handling 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 XLR PLUS 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 OR PLANT INJURY.

Carbaryl is unstable under highly alkaline conditions and mixtures with strong bases, such as Bordeaux, lime-sulfur and casein-lime spreaders, will result in chemical degradation of the insecticide. Do not use this product in water with pH values above 8.0 unless a buffer is added. If necessary, water should be buffered to neutral (pH = 7.0) before adding this product to the spray tank. Overhead irrigation with alkaline or muddy water after application will also accelerate chemical degradation and may result in reduced insect control.

APPLICATION

On all crops use sufficient gallonage to obtain thorough and uniform coverage. Observe crop label instructions for specific directions regarding spray volume where they occur. Calibrate spray equipment to deliver the required volume. The flow rate of this product diluted 1:1 with water is similar to water. Use 50 mesh slotted strainers in spray system and 25 mesh slotted strainers behind nozzles.

To clean spray system after use, drain and flush with a water and detergent mixture. Rinse thoroughly with clean water. Refer to the Storage and Disposal directions for disposal instructions.

INSECT CONTROL

Begin application when insect populations reach recognized economic threshold levels. Consult the Cooperative Extension Service, Professional Consultants or other qualified authorities to determine appropriate threshold levels for treatment in your area. Where a dosage range is indicated, use the lower rate on light to moderate infestations, young plants and early instars and the higher rate on heavy infestations, mature plants, advanced instars and adults. Thorough and uniform spray coverage is essential for effective control.

NOTE: All references to armyworm on the crops listed below refer to the species, *Pseudaletia unipuncta*, often called the "true armyworm". Except where indicated otherwise, this product is not registered for the control of other armyworm species. Regional differences have been noted in the susceptibility of certain strains of fall armyworm, Colorado potato beetle, spotted tentiform leafminer, and tobacco budworm (on cotton) to carbaryl. If local experience indicates inadequate control, use an alternative pesticide.

DIRECTIONS FOR USE AS A WHEAT BRAN BAIT

FOR END USE ONLY. NOT FOR REPACKAGING

FOR USE ONLY BY GOVERNMENT PERSONNEL OR PERSONS UNDER THEIR DIRECT SUPERVISION.

Mixing Instructions

Mix the appropriate amount of SEVIN® brand XLR PLUS Carbaryl insecticide with wheat bran to make a carbaryl wheat bran bait containing 2% to 10% active carbaryl. For example, for a bait containing 5% carbaryl, mix 1 quart SEVIN® brand XLR PLUS Carbaryl insecticide (contains 1 lb. active carbaryl) with each 19 pounds of wheat bran. Mix only the amount of bait necessary for each insect control program.

Storage Instructions

Store carbaryl bran baits in cool, dry area out of reach of children and animals. Do not contaminate water, food, or feed by storage or disposal.

NOTE: Carbaryl bran baits should only be stored temporarily while awaiting application.

Application Instructions

Applications may be made with ground equipment (hand cyclone spreader) or with aerial application equipment with a metered bait spreader attachment.

PASTURES, RANGELAND, WASTELAND, ROADSIDES

Use 0.50-1.50 lbs. active ingredient/acre for the control of grasshoppers and Mormon crickets. The lower rate is suggested for early instars on small plants or sparse vegetation. Use the higher rate for adults or dense vegetation. Use of low bait assay and higher rate is suggested for control of high grasshopper populations. Treatment may be repeated as necessary. Preharvest interval is 0 days.

IMPORTANT: BEFORE USING SEVIN® BRAND XLR PLUS CARBARYL INSECTICIDE, READ AND FOLLOW CAREFULLY OBSERVE THE PRECAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABEL. THE BULLETIN CONTAINS NEW AND SUPPLEMENTAL DIRECTIONS FOR USE OF THIS PRODUCT WHICH MAY NOT APPEAR ON THE PACKAGE LABEL. FOLLOW DIRECTIONS CAREFULLY.

OBSERVE ALL DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE FEDERAL LABEL FOR SEVIN® BRAND XLR PLUS CARBARYL INSECTICIDE.

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

READ THIS LABEL BEFORE USE. STRICTLY OBSERVE LABEL DIRECTIONS AND CAUTIONS, AND APPLICABLE FEDERAL AND STATE REGULATIONS. DO NOT USE ON ANY CROP NOT LISTED ON THIS LABEL OR SUPPLEMENTAL LABELING AS ANY RESIDUES REMAINING MAY BE ILLEGAL OR HARMFUL.

SEVIN® brand XLA PLUS Carbaryl Insecticide is a suspension of microfine SEVIN® brand carbaryl insecticide in an aqueous medium. It readily disperses in water to form a spray which may be applied by air or ground.

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 and long-legged work clothing should be worn when working in treated fields. See PRECAUTIONARY STATEMENTS, STATEMENT OF PRACTICAL TREATMENT and NOTE TO PHYSICIAN for additional information. 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 shall be in the following language: appropriate signal word (CAUTION or area treated with SEVIN® brand XLR PLUS Carbaryl Insecticide), appropriate action, appropriate clothing, and re-entry interval (i.e., until sprays have dried) and actions to be taken in case of accidental exposure.

Apply in sufficient spray volume to obtain thorough coverage. Do not dilute greater than 1:39 (volume product: volume water) where washoff resistance is desired. Where maximum washoff resistance is needed, do not exceed a 1:1 dilution. To prepare small volumes of spray mixture use 1 tablespoonful (½ fluid ounce) of SEVIN® brand XLR PLUS Carbaryl Insecticide per gallon of water where rates of 1 quart per acre or 1 quart per 100 gallons are indicated in the tables below.

CAREFULLY CALIBRATE ALL APPLICATION EQUIPMENT

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
All Forage Field and Vegetable Crops		1/2 to 1 1/2 Unless Noted Otherwise	See specific Forage, Field or Vegetable Crops	Use the lower rate for nymphs on small plants or sparse vegetation in wasteland/rangeland, ditchbanks and borders. Use the higher rate for mature grasshoppers or applications to dense vegetation or if extended residual control is desired. Be certain spray volumes are appropriate to assure adequate coverage.
Alfalfa	Beetle beetles Mexican bean beetle Alfalfa caterpillar Bean leaf beetle Cucumber beetles Green cloverworm Japanese beetle Leafhoppers Peewee Leafhopper Three cornered alfalfa hopper Trips Velvetbean caterpillar	1/2 to 1	7	OBSERVE BEE CAUTION Observe plant response precautions. Carbaryl may cause a temporary bleaching of tender alfalfa foliage. Apply only once per cutting for alfalfa at 1 1/4 quarts. On dense growth, use 25 to 40 gallons per acre with ground equipment to ensure adequate coverage. For alfalfa seedling larvae if pre-plant damage is extensive cut alfalfa and treat the stubble.

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Alfalfa (cont'd)	Armyworm Cloverhead weevil Corn earworm Egyptian alfalfa weevil larvae Essex skipper European alfalfa beetle	Fall armyworm Lygus bugs Stink bugs Webworms Yellow-striped armyworm		
	Alfalfa weevil larvae West of the Rocky Mountains	1 to 1½		
	East of the Rocky Mountains	1½		
	Grasshoppers			Refer to general GRASSHOPPER heading above
Asparagus	Asparagus beetle	1 to 2	1	Treat ferns or brash growth. Do not treat more than once every 3 days
	Apache cicada Asparagus beetle	2 to 4	Post harvest application only	
Beans (including black-eyed peas, cowpeas, southern peas, dry beans, green beans, lima beans, navy beans and snap beans)	Bean beetles Mexican bean beetle	¼ to 1		Observe plant response precautions
	Alfalfa caterpillar Bean leaf beetles Cucumber beetles Flax beetles Green cloverworm Japanese beetle	Leafhoppers Three-cornered alfalfa hopper Thrips Velvetbean caterpillar Western bean cutworm	0 (except cowpeas and lentils) 3 (cowpeas) 7 (lentils)	
	Grasshoppers	¼ to 1½		Refer to general GRASSHOPPER heading above
(DO NOT USE ON LENTILS IN CALIF. ORIMA)	Armyworm Corn earworm Cutworms European corn borer	Fall armyworm Stink bugs Tarnished plant bug Webworms	1 to 1½	
	Alfalfa Looper		1½	
	Cowpea curculio		2	
	Corn earworm Lima bean podborer	Lygus bug Stink bugs	2	CALIFORNIA ONLY
Cabbage Broccoli Brussels sprouts Cauliflower Kohlrabi	Flax beetles Harlequin bug	Harlequin bug	¼ to 1	
	Armyworm Corn earworm Diamondback moth Fall armyworm	Imported cabbage-worm	1 to 2	3
Chinese cabbage Collards Harvard wallo Horseradish Kale	Flax beetles Harlequin bug	Leafhoppers	¼ to 1	3 (harlequin, midrib, and hump roots)

CROP	INSECT		QUARTS OF "SEVIN" BRAND XLR PLUS/ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
(cont'd) Mustard greens Rutabagas Turnips	Aster leafhopper		1 to 1½	14	(Chinese cabbage, collards, Hanover salad, kale, mustard greens, and turnip tops)
	Armyworm	Imported cabbage-worm	1 to 2		
	Corn Earworm	Stink bugs			
	Fall Armyworm	Tarnished plant bug			
Carrots Celery Parsley Parsnips (DO NOT USE ON CELERY IN CALIFORNIA)	Flie beetles	Leafhoppers	½ to 1	0 (carrots)	Treat on a 5 to 7 day schedule
	Aster leafhopper	Spittlebugs	1 to 1½	3 (parsnips)	
	Lygus bugs				
	Armyworm	Stink bugs	1 to 2	14 (celery & parsley)	
Corn (field, sweet, pop)	Corn earworm	Tarnished plant bug			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. For optimum chinch bug control, apply at least 20 gallons of water per acre by ground and direct spray toward stalk to provide thorough coverage. Refer to general GRASSHOPPER heading above. For optimum control, do not apply in less than 3 gallons of water per acre by air and 15 gallons of water per acre by ground. For optimum control, apply in a 12 inch band, over the row, using sufficient volume of water to obtain thorough coverage. For broadcast application use at least 20 gallons (ground) or 5 gallons (air) of water per acre.
	Fall armyworm	Stink bugs	1 to 2		
	Chinch bugs	Japanese beetle			
	Corn rootworm adults	Sep beetles			
	Southwestern corn borer	Leafhoppers			
	Grasshoppers		½ to 1½	0	
	European Corn borer		1½ to 2		
	Western bean cutworm		2		
	Cutworms		2 to 3		
Cotton	Cotton fleahopper	Striped blister beetle	½ to 1		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. For light to moderate populations in Western irrigated cotton. Aphid populations will be suppressed by repeated applications of this insecticide.
	Cotton leafworm	Thrips			
	Flie beetles				
	Boll weevil	Tarnished plant bug	1 to 2		
	Cotton bollworm	Yellow-striped armyworm (cotton cutworm)			
	Fall armyworm				
	Leafhoppers		1 to 2	7	
	Lygus bugs		1 to 2		
	Pink bollworm		1½ to 2½		

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Cotton (cont'd)	Caterpillars Stink bugs	2		
Cucumber	Pickleworm	1/2 to 1		Observe plant response precautions
Melons	Cucumber beetles	1	0	
Pumpkin	Flax beetles	1/2 to 1		Observe plant response precautions
Squash	Flax beetles	1		
Dandelion	Flax beetles	1/2 to 1	3 (head lettuce and safety tops)	Observe plant response precautions
Endive	Hopscotch bug	1 to 1 1/2	14 (dandelion, endive, escarole, leaf lettuce & safety tops)	Wait on a 5 to 7 day schedule after heads begin to form
Lettuce	Aster leafhopper	1 to 1 1/2		
Safety	Lygus bugs	1 to 2		
	Armyworm Corn armyworm Fall armyworm	1 to 2		
Flax	Armyworm	1 to 1 1/2	42	Do not graze treated areas or harvest for dairy feed prior to crop maturity
Proso Millet (DO NOT USE IN CALIFORNIA)	Grasshopper	1/2 to 1 1/2		Refer to the general GRASSHOPPER heading above
Pasture	Armyworm Caterpillars Fall armyworm	1 to 1 1/2	0 (aerial application) 14 (ground applications)	To control 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 may be grazed or cut for hay on day of treatment. Carefully mark swaths to avoid over-application. Refer to the general GRASSHOPPER heading above
	Grasshoppers			
Rangeland	Black grass bug Mormon cricket Range caterpillar Range crane fly	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. Refer to the general GRASSHOPPER heading above
	Grasshoppers			
Wetland, Rights-of-Way, Hedgerows, Ditch banks, Roadbeds	Black grass bug Mormon cricket Range caterpillar Range crane fly	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.

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Rice	Armyworm Chinch bugs Fall armyworm Stink bugs	1 to 1½	14	MISSISSIPPI DELTA & TEXAS CAUTION: May kill shrimp and crabs. Do not use in areas where there are important resources. Do not use on rice fields in which crayfish and catfish farming are included in the cultural practice. DO NOT APPLY PROPANIL HERBICIDES WITHIN 15 DAYS BEFORE OR AFTER APPLICATION OF THIS PRODUCT OR PLANT INJURY WILL RESULT.
	Grasshoppers	½ to 1½		Refer to the general GRASSHOPPER heading above.
	Armyworm Leafhoppers Tadpole shrimp	2		For optimum tadpole shrimp control apply to water when post first appears.
Sorghum (milo, grain millet and hybrid)	Sorghum midge	½ to 1	21 (grain) 0 (forage)	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. For chinch bugs use high gallonage ground application directed at the base of plants.
	Armyworm Chinch bugs Corn earworm Fall armyworm Stink bugs Webworms	1 to 2		
	Southeastern corn borer	1½		
	Cutworms	2		
	Grasshoppers	½ to 1½		
Soybeans	Bean leaf beetle Blister beetle Cucumber beetles Grape colaspis Green cloverworm Japanese beetle Mexican bean beetle Velvetbean caterpillar	½ to 1	0	DO NOT APPLY A COMBINATION OF THIS PRODUCT AND 2,4 DB HERBICIDES TO SOYBEANS AS CROP INJURY MAY RESULT. Use lower rates for light to moderate populations and smaller eaters and to provide maximum survival of beneficial insects and spiders. Use the higher rates for heavy populations and larger eaters.
	Corn earworm	½ to 1½		
	Grasshoppers	½ to 1½		
	Akalis caterpillars Leafhoppers Three cornered alfalfa hopper Thrips	1		
	Armyworm Cutworms Fall armyworm Webworms	1 to 1½		
	Printed lady (Thistle caterpillar) Saltmarsh caterpillar Yellow-striped armyworm	1½ to 2		
Sugar beets	Armyworm Beet leaf beetle Fall armyworm	1 to 1½	14	Refer to general GRASSHOPPER heading above.
	Grasshopper	½ to 1½		
	Cutworms	1½		

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Wasteland (cont'd)				Do not allow hogging or cut for hay within 14 days of last application to ground. Heavily treated areas may be grazed or cut for hay on day of treatment. Carefully mark waste to avoid over application.
	Grasshoppers			Refer to the general GRASSHOPPER heading above
Garden beet Spinach Swiss chard	Fla beetles Harlequin bug Aster leafhopper Armyworm Corn earworm Fall armyworm	Leafhoppers 1 to 1 1/2 1 to 2	3 (garden beet roots) 14 (garden beet top, spinach, Swiss chard)	Treat on a 5 to 7 day schedule
Oats	Corn earworm	Stink bugs 1 to 2	0	Treat on a 5 to 7 day schedule
Peanuts	Beet beetles Mexican bean beetle Ailanth caterpillar Bean leaf beetle Cucumber beetles Green cloverworm Japanese beetle Leafhoppers Armyworm Corn earworm Fall armyworm Whirlwinged beetle adults Cutworms	 1 1 1 1 1 1 1 1 1 1 1 1 2	0	Observe plant response precautions
Peanuts	Colorado potato beetle Leafhoppers Armyworm Ailanth caterpillar Cutworms Pee leaf weevil Ailanth looper	 1 1 to 1 1/2 1 1/2 2 1/2	3	WASHINGTON STATE ONLY
Potato Tomato Eggplant Pepper	Colorado potato beetle Fla beetles Leafhoppers European corn borer Fall armyworm Lace bugs Stink bugs (subspersion) Cutworms	 1 to 1 1 to 2 1 to 2 2	0	Thorough coverage is essential to effectively suppress stink bugs. When disease transmission is suspected, monitor fields following application and re-treat if reinfestation occurs
Pecan Pear Cactus	Cochineal scale (crawlers)	2	1	Apply as needed at 7-10 day intervals. Do not make more than 7 applications per season

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Sunflower (DO NOT USE IN CALIFORNIA)	Cutworms	1½	60	
	Armyworm Fall armyworm Sunflower moth	1½ to 2		
	Stem weevil Sunflower beetle	1 to 2		
	Grasshopper	½ to 1½		
				Refer to general GRASSHOPPER heading above
Sweet Potato (DO NOT USE IN CALIFORNIA)	Corn earworm Cucumber beetles Flea beetles	1 to 2	0	Apply as a foliar spray as needed
	Yellow-striped armyworm	2		
	Sweet potato weevil	1 to 2		
				Full coverage of plants is essential. Use lower rate on young plants and higher rate on mature plants.
Tobacco Plant bed Treatment	Flea beetle	1	0	OBSERVE PLANT RESPONSE PRECAUTIONS: For flea beetle control, use 4 teaspoons (0.7 fl. oz.) in 6 gallons of water and apply to 100 square yards.
	Green June beetle grubs	8		
Field Treatment	Budworms Fall armyworm Flea beetles Hornworms	1 to 2	0	For green June beetle grub control max 11 tablespoons (5.5 fl. oz.) in 50 to 100 gallons of water and apply to 100 square yards. Applications should be made to areas that larvae have uprooted by sprinkling manure as a drench treatment.
	Japanese beetle June beetle Suckley			
Wheat (including intercrops) (DO NOT USE IN CALIFORNIA)	Flea beetles	½ to 1	0 (forage) 21 (grain)	Refer to the general GRASSHOPPER heading above. Application is effective against eggs, larvae and adult of the cereal leaf beetle
	Grasshoppers	½ to 1½		
	Cereal leaf beetle	1		
	Armyworm Fall armyworm	1 to 1½		

TREE FRUIT AND NUT CROPS

For dilute sprays apply the specified dosage per 100 gallons of water. For concentrate and aerial sprays, maintain the recommended rate per acre equivalent to that used 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 5-25 gallons of aerial sprays. Do not exceed maximum label rate per acre per application.

APPLE THINNING

CROP	QUARTS OF "SEVIN" BRAND XLR PLUS/100 GAL.	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Apples	1/2 to 1	1	OBSERVE BEE CAUTION Apply 1 full coverage dilute spray between 10 and 25 days after full bloom. Factors such as tree age, variety, nutrition, previous crop, pruning, bloom and degree of set favor extensive fruit thinning with this product. Exercise caution to avoid possible yield reduction. Rates may vary depending on variety and local orchard conditions. Consult with your County Extension Service or other experts for advice on the proper use of this product. In Eastern apple growing areas, tank mix combinations of Carbaryl and Naphthalenacetic Acid (NAA) or Naphthalenescalcium (NAD) have successfully thinned several early-maturing, heavy-setting varieties, as well as hard-to-thin varieties such as Golden Delicious and Rhode Island Greening. The higher rate of Carbaryl and reduced rates of NAA or NAD are recommended for the combination. A petal fall application of NAA or NAD followed 7 to 10 days later by an application of Carbaryl has improved thinning on these varieties. For easily thinned varieties including Cortland, Grimes, Jonathan, McIntosh, Orleans, Rome Beauty, Puritan, Red Delicious, Winesap, Yellow Newton.
	1/2 to 1	1	For difficult to thin varieties including Baldwin, Ben Davis, Duchess, Early McIntosh, Golden Delicious, Lady Apple, Northern Spy, Rhode Island Greening, Staygreen, Turkey, Wealthy, Yellow Transparent, and York Imperial.

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/100 GAL.	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Almond	Peach twig borer San Jose scale Fruitree leafroller	1	26	OBSERVE BEE CAUTION 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.
	Navel orangeworm			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.

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/100 GAL.	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIREC
Apples Pears	Apple aphid Apple sucker Apple rust mite Apple sucker Blossom weevil California pearling (pear sawfly) Eastern tent caterpillar European apple sawfly Eyedotted bud moth Forbes scale Fruit tree leafroller Green fruitworm Gypsy moth Lygus bugs Orange tortrix White apple leafhopper	1/4 to 1 1/2	1	OBSERVE BEE CAUTION To avoid undesired apple thinning, delay use until at least 30 days after full bloom. For psylla control apply when eggs hatch or young nymphs are present. To control scale insects, apply when crawlers are present. Apply dilute sprays in 200-400 gallons per acre.
Chestnut (DO NOT USE IN CALIFORNIA)	Chestnut weevil	2 to 3	0	Make 4 applications at weekly intervals beginning in late July for adult chestnut weevil control. Last application should be made prior to truck split.
Citrus Fruits (such as grapefruit, lemons, limes, oranges, tangels, tangelos, citrus citron, tangelos and hybrids)	Avocado leafroller California orange/gold Citrus citrus worm Citrus rust weevil Fruit tree leafroller Black scale Brown soft scale California red scale	Orange tortrix Western leucost West Indian sugarcane borer (adults) Citrus scale Citrus snow scale Yellow scale	1 1/4 to 1	5 OBSERVE BEE CAUTION Do not apply more than 20 quarts of this product per acre per application. To ensure thorough coverage, do not apply less than 10 gallons of dilute spray mixture per mature tree. May be mixed with petroleum oils commonly used on citrus. Apply dilute sprays in 300-500 gallons per acre.
Fiber	Fiber aphid Fiber leafroller Fiberworm	1	0	Apply when leafroller eggs are hatching. Repeat on first appearance of adult fiber moths and again 3 to 4 weeks later. Apply dilute sprays in 300-400 gallons per acre.
Olive	Olive scale	1/4 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 this product per acre per application.

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/100 GAL	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Peaches Apricots Nectarines	Apple pandora Codling moth European sawfly Fruitree leafroller Gypsy moth Japanese beetle June beetle Lecanium scales Lesser peachtree borer Olive scale San Jose scale Orange tortrix Oriental fruit moth Peach twig borer Periodical cricket Pump curculio Redbanded leafroller Tarnished plant bug Twistock moth Variegated leafroller	1	1 (peaches) 3 (apricots & nectarines)	Do not apply more than 6 quarts of this product per acre per application to apricots. For optimum scale control apply when crawlers are present. Spray limbs and trunk thoroughly at weekly intervals during moth flight. Apply dilute sprays in 200-400 gallons per acre.
Pecans	Black margined aphid Fall webworm Hickory shoot worm Lesser webworm Pecan leaf phyllorhiza Pecan stem phyllorhiza Pecan nut casebearer Pecan spellingbug Pecan weevil Ting grider Walnut caterpillar	1 to 2 1/2	0	Do not apply more than 7.2 quarts of this product per acre per application. Apply dilute sprays in 200-400 gallons of water per acre.
Petalchies	Navel orangeworm	1/2 to 2	14	Apply dilute volumes of 150 to 300 gallons of mixed spray per acre for full coverage at onset of hull split.
Plums Prunes Cherries	Codling moth Eastern tent caterpillar Black cherry aphid Brown soft scale Cherry fruitworm Cherry maggot Eyedotted bud moth Forbes scale Fruitree leafroller Green fruitworm Gypsy moth Japanese beetle Lecanium scales Lesser peach- tree borer Mealy plum aphid Oystershell scale Peach twig borer Pump curculio Pump leaf- hopper Redbanded leafroller Rose chalcid San Jose scale Vernacular leafroller	1/4 1	1	Do not apply more than 6 quarts of this product per acre per application. For optimum scale control apply when crawlers are present. For lesser peachtree borer control spray limbs and tree trunks thoroughly at weekly intervals during moth flight. Apply dilute sprays in 200-400 gallons of water per acre.
Walnut	Calico scale European fruit lecanium Fiberglass Fruitree leafroller Frosted scale	1/2	0	Apply 1000 gallons of dilute spray per acre for mature trees.

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/100 GAL	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Walnut (cont'd)	Codling moth	1/2	6	For codling moth apply first spray when average cross-sectional diameters of developing nuts are 1/4 to 1/2 inch. Repeat during middle or late June as needed. Apply dilute sprays in 200-500 gallons of water per acre.
	European sawfly	2		Spray tree trunks to point of run-off.

SMALL FRUIT CROPS

Recommended dosages refer to quarts of SEVIN® brand XLR PLUS Carbaryl insecticide per acre. The optimum spray gallonage will depend on plant size, density and stage of growth. Typical spray gallonage per acre range from 100-300 gallons for dilute sprays, 30-100 gallons for concentrate sprays and 5-25 gallons for aerial sprays. Do not exceed maximum label rate per acre per application.

CROP	INSECT	QUARTS OF "SEVIN" BRAND XLR PLUS/ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS	
Blackberries Raspberries Dewberries (including loganberries and logan- berries)	European rasp- berry aphid Japanese beetle Leafhoppers Omnivorous leafroller Raspberry sawfly	1 to 2 2	7 2	 CALIFORNIA ONLY	
Blueberries	Blueberry maggot Cherry fruitworm Cranberry fruitworm	European fruit lecanium Japanese beetle	1 1/2 to 2	0	Apply 3 weeks before harvest and repeat as necessary
Cranberries	Cutworms Cranberry fireworms Cranberry fruitworms Cranberry twig gnat	Elm spanworm Japanese beetle Leafhoppers Rose chaffer Sparganthis worm	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 Cutworms Eight-spotted lycester Grape berry moth Japanese beetles June beetles	Western grapeleaf shellbinder Western yellow-striped armyworm Orange tortrix Omnivorous leafroller Redbanded leafroller Saltmarsh caterpillar	1 to 2 2	7 2	Apply before first brood leafroller larvae emerge from rolls
Strawberries	Fire beetles Meadow spittlebug (strawberry fruitworm) Omnivorous leafroller Strawberry clipper	Strawberry bud weevil Strawberry leafroller Strawberry weevil	1 to 2	1	Carbaryl may injure Early Dawn and Sunrise varieties

IMPORTED FIRE ANT CONTROL

SITE	AMOUNTS OF "SEVIN" BRAND XLR PLUS/ VOLUME OF WATER	SPECIFIC DIRECTIONS
Lawns, Cemeteries and Recreational Areas (including turf, golf courses, and parks) Pastures Rangeland Forested Lands and Wasteland	1 1/2 quarts/ 100 gals. 1/2 or 1 1/2 tablespoons/ gallons	Apply a total of 2 gallons of the diluted solution over the surface of each mound or at least 1 quart per 6 inches of mound diameter using a bucket, can or other appropriate equipment. Thoroughly wet mound and surrounding area to a 4 ft. diameter (12 sq. ft.). Do not disturb mounds prior to treatment. Pour solution from a height of about three feet to give sufficient force to break mound apart and flow into ant tunnels. For best results apply in cool weather, 65-80 degrees F., or in early morning or late evening hours. Repeat application if mound activity resumes after 10 days. Treat new mounds as they appear. Premature sprays may disturb the ants and cause migration, reducing product effectiveness. DO NOT ALLOW PUBLIC USE OF TREATED AREAS DURING APPLICATIONS OR UNTIL SPRAYS HAVE DRIED
Nursery Stock, Vegetable Transplants, Foliage Plants and Bedding Plants	1 1/2 quarts/ 100 gallons	DO NOT USE ON ANY FOOD CROP NOT LISTED ON LABEL. Do not make more than one application, either as a root-dip or a drench treatment (applied to the point of saturation) Avoid contact with foliage and treat only the growing media when using on bedding plants

ADULT 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) of SEVIN brand XLR PLUS Carbaryl insecticide per gallon of water, where rates of 1 quart are indicated.

CROP	QUARTS OF "SEVIN" BRAND XLR PLUS/ 100 GAL.	SPECIFIC DIRECTIONS
Pastures, Rangelands, Parks, Recreational Areas, Logging Camps, Military Posts and Adjacent Forested lands or Wastelands	1/2 to 1 (1/2 to 1 tablespoonful per gallon)	DO NOT ALLOW PUBLIC USE OF TREATED AREAS DURING APPLICATIONS OR UNTIL SPRAYS HAVE DRIED 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 mosquitoes are active in early mornings or late evenings. Repeat at 7 to 10 day intervals. Use 1/2 to 1/4 quart per 100 gallons in 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.

POULTRY ROOSTS AND BUILDINGS ONLY

POULTRY QUARTERS	QUARTS OF SEVIN® BRAND XLR PLUS/ 100 GAL.	SPECIFIC DIRECTIONS
Bed bugs Chicken mites Flies 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 spraying nests, eggs and feeding and watering troughs.
Fowl lice	16	Ventilate while spraying. Do not treat premises within 7 days of slaughter.
Litter mites	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.

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: First prepare a suspension of SEVIN® brand XLR PLUS Carbaryl Insecticide in a mix tank. Fill tank with $\frac{1}{2}$ to $\frac{3}{4}$ the desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of SEVIN® brand XLR PLUS, and then the remaining volume of water (Suspension concentrations using the appropriate dosage per acre recommended on this label of SEVIN® brand XLR PLUS, 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 XLR PLUS into the irrigation water line so as to deliver the desired rate per acre. The suspension of SEVIN® brand XLR PLUS 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 XLR PLUS 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 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.

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 nonuniform 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.

PEST CONTROL IN AND AROUND BUILDINGS

General Information

NOTE: Staining may occur on certain surfaces such as stucco, brick, cinder block and wood. Therefore, applications of SEVIN® brand XLR PLUS Carbaryl Insecticide to surfaces where a noticeable residue or discoloration is objectionable should be avoided. Do not apply to carpets or draperies as staining may occur. Care should also be exercised to avoid spotting of wallpaper and fabrics.

Do not use this product in commercial food areas of food handling establishments, restaurants or other places where food is prepared or processed. Do not use in serving areas while food is exposed.

INDOORS

ANTS/CRICKETS/FIREBRATS/SILVERFISH: Mix 3 oz. this product per gallon of water and apply as fine, low pressure (20 psi) spot spray or as crack and crevice application to areas where these pests hide, such as baseboards, storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves, dishwashers, hot water heaters, the underside of shelves, drawers and similar areas. For ants, apply to ant trails, around doors and windows and other places where ants enter premises.

BEES and WASPS: Mix 3 oz. this product per gallon of water and thoroughly spray nest and entrance and surrounding areas where insects alight. It is generally advisable to spray the nests in the evening when the insects are less active and have returned to the nest. For best results, check nest carefully one or two days after spraying to ensure complete kill, then remove and destroy nest to prevent emergence of newly hatched insects.

BROWN DOG TICKS and FLEAS: Mix 3 oz. this product per gallon of water and thoroughly spray infested areas such as nearby cracks and crevices, between and under cushions of upholstered furniture, along and behind baseboards, window and door frames and other areas where these pests may be present.

CARPENTER ANTS: Mix 3 oz. this product per gallon of water and apply to ant trails, around doors and windows and other places where ants enter premises. Where possible, apply this product directly to ant nest or infested wood.

CENTIPEDES/EARWIGS/MILLIPEDES/SCORPIONS: Mix 3 oz. SEVIN® brand XLR PLUS Carbaryl Insecticide per gallon of water and apply around water pipes, doors and windows, and other places where these pests may enter premises. Spray baseboards, storage areas, garages, carports, basements and other areas where these pests are found.

COCKROACHES: Efficacy varies with species sensitivity. This product is generally not highly effective in controlling German cockroaches. However, the following may be controlled with the rates as stated: American roach, Australian roach, Brown roach, Smoky brown roach, and others. Mix 3 oz. this product per gallon of water and apply as a fine, low pressure (psi) spot spray or as crack and crevice application to areas where these pests hide, such as baseboards, storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves, dishwashers, hot water heaters, the underside of shelves, drawers and similar areas.

SPIDERS: Mix 3 oz. this product per gallon of water and apply to infested baseboards, window and door frames, corners, pipes, storage areas, attics and under eaves. Make spot applications to other areas where these pests are present.

OUTDOORS

PERIMETER TREATMENT. Residual spray for control of ants, bees and wasps, brown dog ticks, carpenter ants, centipedes, cockroaches, crickets, earwigs, firebrats and silverfish, fleas, millipedes, scorpions and spiders. Mix 16 oz. this product per 50 gallons of water and apply via power spray or other spray methods.

To help prevent infestations of buildings by the above pests, outside perimeter treatment should be in a band 6 to 10 feet wide and confined to shrub beds, foundation plantings and lawn or soil areas immediately adjacent to the structure. Direct application to structures should be minimal and restricted to cracks and crevices and other areas where insects tend to congregate.

STORAGE AND DISPOSAL

STORAGE

Store unused product 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.

If container is damaged, before cleaning up, put on long-sleeved shirt, full length trousers, head covering, and protective gloves.

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 incineration, or if allowed by state and local authorities, by burning. If container is burned, stay out of smoke.

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 reasonable 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 MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.