

20629

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEVIN® brand 80S
Carbaryl Insecticide

MAR 29 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
264-316

For Agricultural or Commercial Use Only

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl N-methylcarbamate) 80% by wt.

INERT INGREDIENTS: 20% by wt.

E.P.A. Reg. No. 264-316

E.P.A. Est. No. 10352-GA-01

KEEP OUT OF REACH OF CHILDREN

~~WARNING~~ AVISO

See page 2 for additional PRECAUTIONARY STATEMENTS.

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

IN CASE OF EMERGENCY TELEPHONE COLLECT (24 HOURS A DAY) IN U.S.A.
(304) 744-3487.
FOR GENERAL INFORMATION CALL 800-334-9745.

NET CONTENTS: _____

Made in U.S.A.

• UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
P. O. Box 12014, T. W. Alexander Drive
Research Triangle Park, NC 27709

SEVIN is a registered trademark of Union Carbide Corporation for carbaryl insecticides.

APC Form No. _____

32829
BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS

WARNING ▲

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

MAY BE FATAL IF SWALLOWED. ~~Avoid breathing of dust or spray mist.~~ Do not take internally. Avoid contact with eyes, skin or 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 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 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.

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 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 unless organophosphate intoxication is also suggested.

To aid in confirmation of a diagnosis, urine samples should be obtained within 24 hours of exposure and immediately frozen. Analyses will be arranged by Union Carbide Agricultural Products Company, Inc.

Consultation on therapy can be obtained at all hours by calling the Union Carbide emergency number (304) 744-3487.

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 or residues on blooming crops and weeds. Do not apply this product in a manner that allows 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.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

SEVIN® Brand 80S Carbaryl Insecticide is a dry powder for dispersion in water and application as an insecticidal spray in hydraulic sprayers, mist blowers, low gallonage ground equipment and aircraft. READ THIS LABEL BEFORE USE. STRICTLY OBSERVE LABEL DIRECTIONS AND CAUTIONS, AND APPLICABLE FEDERAL AND STATE REGULATIONS.

GENERAL WORKER PROTECTION STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area 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 treated area or in an area about to be treated with this product. Advise workers to stay out of fields during application and until sprays 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 exposures. 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 (WARNING), area treated with SEVIN® brand 80S Carbaryl Insecticide, date of application, appropriate clothing, and re-entry interval (i.e., until sprays have dried).

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.

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 apply thinning and on combinations with certain herbicides on rice and soybeans.

SPRAY PREPARATION

TO ASSURE A UNIFORM SUSPENSION, AGITATE, STIR OR RECIRCULATE ALL "SEVIN®" BRAND 80S CARBARYL INSECTICIDE SPRAY MIXTURES PRIOR TO AND DURING 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 80S Carbaryl Insecticide, and then the remaining volume of water. 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.

COMPATIBILITY

SEVIN® brand 80S Carbaryl Insecticide has been used without plant injury with most common insecticides, miticides, fungicides, nutrients, adjuvants and petroleum oil as used on citrus. If compatibility of SEVIN® brand 80S Carbaryl Insecticide 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®" 80S CARBARYL INSECTICIDE TO AT LEAST 1/2 THE DESIRED AMOUNT OF WATER, MIX THOROUGHLY, AND THEN ADD COMBINATION PRODUCTS TO THE MIXTURE, AND THEN THE REMAINING VOLUME OF WATER. 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 alkline 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. Use 50 mesh slotted strainers in spray system and 25 mesh slotted strainers behind nozzles. Avoid applications just before rainfall as poor insect control may result. To clean spray system after use, drain and flush with water. Refer to the Storage and Disposal directions for proper disposal of rinse water.

INSECT CONTROL

Apply when insects or their damage appear. 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 80S 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 80S Carbaryl Insecticide. If your experience indicates inadequate control, use an alternative pesticide.

FORAGE, FIELD AND VEGETABLE CROPS

Use at least 1 gallon of finished spray per acre for aerial application and at least 3 gallons of finished spray concentrate ground application. To prepare small volumes of spray, use 1 1/4 tablespoonfuls of SEVIN brand 80S insecticide* per gallon of water where rates of 1 1/4 pounds per acre or 1 1/2 pounds per 100 gallons are indicated below.

CROP	INSECT	POUNDS OF "SEVIN" BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
All Forage, Field and Vegetable Crops	Grasshoppers	2/3 to 1 7/8	See specific Forage, Field or or Vegetable Crop	Use 2/3 to 1 1/4 pou on small plants or s in wasteland, rang and borders. Use 1 to 1 7/8 pounds for or applications to d
Alfalfa* Clovers	Blister beetles Mexican bean beetle	2/3 to 1 1/4	0 (clovers)	Observe plant respon
	Alfalfa caterpillar Bean leaf beetle Cucumber beetles Green cloverworm Japanese beetle	Leafhoppers Three cornered alfalfa hopper Thrips Velvetbean caterpillar	1 1/4	
	Alfalfa weevil larvae Armyworm Cloverhead weevil Corn earworm Cutworms Egyptian alfalfa weevil larvae Essex skipper	European alfalfa beetle Fall armyworm Lygus bugs Webworms Yellowstriped armyworm	1 1/4 to 1 7/8	For alfalfa weevil l treatment damage is alfalfa and treat th higher rate in areas Rocky Mountains. On 25 to 40 gallons per ground equipment to coverage.
*For application to Alfalfa via Center Pivot Irrigation Systems, refer to "Directions for Use Through Center Piv Systems."				
Asparagus	Asparagus beetle	1 1/4 to 2 1/2	1	
	Apache cicada Asparagus beetle	2 1/2 to 5	Post harvest application only	Treat ferns or brush treat more than once

5824

CROP	INSECT	POUNDS OF "SEVIN" BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Beans (including blackeyed peas, cowpeas, crowder or southern peas, dry beans, green beans, lima beans, navy beans and snap beans)	Blister beetles	2/3 to		Observe plant response precautions.
	Mexican bean beetle	1 1/4		
	Alfalfa caterpillar	Three cornered alfalfa hopper	1 1/4	
	Bean leaf beetle	Thrips		
	Cucumber beetles	Velvetbean caterpillar		
	Flea beetles	Western bean cutworm		
	Green cloverworm			
	Japanese beetle			
	Leafhoppers			
	Armyworm	Stink bugs		
Cabbage Broccoli Brussels Sprouts Cauliflower Kohlrabi	Corn earworm	Tarnished plant bug		0 (except cowpeas) (cowpeas)
	Cutworms	Webworms	1 1/4 to 1 7/8	
	European corn borer			
	Fall armyworm			
	Cowpea curculio		2 1/2	
	Corn earworm	Lygus bugs		
	Limabean pod borer	Stink bugs	2 1/2	
Chinese cabbage Collards Hanover salad Horseradish Kale Mustard greens Radishes Rutabagas Turnips	Flea beetles	Harlequin bug	2/3 to 1 1/4	3 (Horseradish, radishes, rutabagas and turnip roots)
	Armyworm	Fall armyworm		
	Corn earworm	Imported cabbageworm	1 1/4 to 2 1/2	
Chinese cabbage Collards Hanover salad Horseradish Kale Mustard greens Radishes Rutabagas Turnips	Flea beetles	Leafhoppers	2/3 to 1 1/4	14 (Chinese cabbage, collards, Hanover salad, kale, mustard greens, and turnip tops)
	Harlequin bug			
	Aster leafhopper		1 1/4 to 1 7/8	
	Armyworm	Stink bugs		
	Corn earworm	Tarnished plant bug	1 1/4 to 2 1/2	
	Fall armyworm			
	Imported cabbageworm			

CALIFORNIA ONLY

CROP	INSECT		POUNDS OF "SEVIN" BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Carrots Celery Parsnips Parsley	Flea beetles Aster leafhopper Lygus bugs Armyworm Corn earworm Fall armyworm	Leafhoppers Spittlebugs Stink bugs Tarnished plant bugs	2/3 to 1 1/4 1 1/4 to 1 7/8 1 1/4 to 2 1/2	0 (carrots) 3 (parsnips) 14 (celery & parsley)	DO NOT USE ON CELERY IN CALIFORNIA. Treat on a 5 to 7 day schedule.
Corn* (field, sweet, pop)	Armyworm Chinch bugs Corn earworm Corn rootworm adults European corn borer Fall armyworm Flea beetles Western bean cutworm Cutworms	Japanese beetle Sap beetles Southwestern corn borer Leafhoppers	1 1/4 to 2 1/2 2 1/2	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. For chinch bugs use high gallonage ground application directed at the base of plants. Optimum timing and good coverage are essential for effective control. Treat when infestation averages 15% and at 90% to 100% tassel emergence. Treatment after 100% silk emergence will reduce effectiveness. Apply in a 12 inch band, using 1/4 pound (4 ounces) per 1000 linear feet of row, in at least 15 gallons of water per acre. For broadcast application use up to 8 pounds in at least 20 gallons (ground) or 5 gallons (air) of water per acre.
*For application to Corn via Center Pivot Irrigation Systems, refer to "Directions for Use Through Center Pivot Irrigation Systems."					
Cotton	Cotton fleahopper Cotton leafworm Flea beetles	Striped blister beetle Thrips	2/3 to 1 1/4	14	Early season insect control.

100024

CROP	INSECT		POUNDS OF "SEVIN" BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Cotton (cont.)	Boll weevil	Leafhoppers	1 1/4 to 2 1/2	1 1/2	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.
	Bollworms	Tarnished plant bug			
	Cotton leafperforator	Yellowstriped armyworm (cotton cutworm)			
	Fall armyworm				
	Leafrollers				
	Lygus bugs		1 1/4 to 2 1/2		For light to moderate populations in Western irrigated cotton.
	Pink bollworm		1 7/8 to 3		Aphid populations will be suppressed by repeated applications of this insecticide.
	Stink bugs		2 1/2		
	Saltmarsh caterpillar				
Cucumber	Pickleworm	Melonworm	2/3 to 1 1/4	0	Observe plant response precautions.
Melons					
Pumpkins	Cucumber beetles	Leafhoppers	1 1/4		Avoid excessive applications.
Squash	Flea beetles	Squash bugs			
Dandelion	Flea beetles	Leafhoppers	2/3 to 1 1/4	3	Observe plant response precautions. Treat on a 5 to 7 day schedule after heads begin to form.
Endive (Escarole)	Harlequin bug			(head lettuce & salsify roots)	
Lettuce	Aster leafhopper	Spittlebugs	1 1/4 to 1 7/8	14	
Salsify	Lygus bugs			(dandelion, endive (escarole), leaf lettuce & salsify tops)	
	Armyworm	Imported cabbage worm	1 1/4 to 2 1/2		
	Corn earworm	Stink bugs			
	Fall armyworm	Tarnished plant bug			
Forage	Armyworm	Range caterpillars	1 1/4 to 1 7/8	0	To control thrips in grasses grown for seed use high spray pressure to improve penetration into boot.
Grasses	Black grass bug	Range crane fly			
Pasture	Chinch bugs	Striped grass looper			
	Essex skipper	Thrips			
	Fall armyworm				
	White grubs (green June beetle)		1 7/8 to 2 1/2		

1128 89

PROP	INSECT		POUNDS OF "SEVIN" BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Garden beet Spinach Swiss chard	Flea beetles	Leafhoppers	2/3 to 1 1/4	3	Treat on a 5 to 7 day schedule.
	Harlequin bug			(garden beet roots)	
	Aster leafhopper		1 1/4 to 1 7/8		
	Armyworm	Stink bugs	1 1/4 to 2 1/2	14	(garden beet tops, spinach, Swiss chard)
	Corn earworm	Tarnished plant bug			
	Fall armyworm				
Okra	Corn earworm	Stink bugs	1 1/4 to 2 1/2	0	Treat on a 5 to 7 day schedule.
Peanuts	Blister beetles	Mexican bean beetle	2/3 to 1 1/4		Observe plant response precautions.
	Alfalfa caterpillar	Red-necked			
	Bean leaf beetle	peanut worm		0	
	Cucumber beetles	Three cornered	1 1/4		
	Green cloverworm	alfalfa hopper			
	Japanese beetle	Thrips			
	Leafhoppers	Velvetbean caterpillar			
	Armyworm	Stinkbugs	1 1/4 to 1 7/8		
	Corn earworm	Webworms			
	Fall armyworm				
	Whitefringed beetle adults		2 1/2		
	Cutworms				
Peas	Colorado potato beetle		1 1/4		
	Leafhoppers				
	Armyworm		1 1/4 to 1 7/8		
	Alfalfa caterpillar	Pea weevil			
	Cutworms	Yellowstriped	1 7/8		
	Pea leaf weevil	armyworm			

RECEIVED

12.4.29

CROP	INSECT	POUNDS OF "SEVIN" BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Potato*	Colorado potato beetle			
Tomato	Flea beetles			
Eggplant	Leafhoppers	2/3 to 1 1/4		
Pepper				
	Euro. ear corn borer	Tarnished plant bug		
	Fall armyworm	Tomato fruit worm	1 1/2 to 2 1/2	0
	lace bugs	Tomato hornworm		
	Stink bugs	Tomato pinworm		
	Cutworms		2 1/2	
*For application to Potatoes via Center Pivot Irrigation Systems refer to "Directions for Use through Center Pivot Irrigation Systems."				
Rice	Armyworm	Fall armyworm	1 1/4 to 1 7/8	14
	Chinch bug	Stink bugs		
				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.
				DO NOT APPLY PROPANIL HERBICIDES WITHIN 15 DAYS BEFORE OR AFTER APPLICATION OF THIS PRODUCT OR PLANT INJURY WILL RESULT.
				MISSISSIPPI DELTA & TEXAS.
	Army leaf beetles	Tadpole shrimp	2	CALIFORNIA ONLY: For optimum tadpole shrimp control apply to water when pest first appears.
Sorghums	Armyworm	Fall armyworm		
(milo, grain sorghum,	Chinch bugs	Stink bugs	1 1/4 to 2 1/2	
sweet sorghum	Chinch bugs	Webworms		21 (grain)
sorghum and hybrids,	Sorghum midge		1 7/8	0 (forage)
	Southwestern corn borer		2 1/2	
				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 base of plants.

13629

BEST AVAILABLE COPY

CROP	INSECT		POUNDS OF "SEVIN" BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Soybeans	Bean leaf beetle	Mexican bean beetle	2/3	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 instars.
	Cucumber beetles	Velvetbean caterpillar			
	Green cloverworm				
	Corn earworm		2/3 to 1 1 1/4 to 1 7/8		
	Blister beetles		2/3 to 1 1/4		Use higher rates for heavy populations and larger instars.
	Grape colaspis				
	Mexican bean beetle				
	Alfalfa caterpillar	Leafhoppers			
	Bean leaf beetle	Three cornered alfalfa hopper			
	Cucumber beetles	Thrips	1 1/4		
	Green cloverworm	Velvetbean caterpillar			
	Japanese beetle				
	Armyworm	Fall armyworm			
	Cutworms	Stink bugs	1 1/4 to 1 1/8		
		Webworms			
	Painted lady (Thistle caterpillar)	Saltmarsh caterpillar	2 1/2 to 3		
		Yellow striped armyworm			
Sugar beets	Armyworm	Flea beetles			
	Bean leaf beetle	Leafhoppers	1 1/4 to 1 7/8	14	
	Fall armyworm	Webworms			
Sunflower	Cutworms		1 7/8		
	Armyworm				
	Fall armyworm		1 7/8 to 2 1/2	60	DO NOT USE IN CALIFORNIA. Do not allow animals to graze on treated crops.
	Stem Weevil				
	Sunflower beetle		1 1/4 to 2 1/2		

1482

CROP	INSECT	POUNDS OF "SEVIN" BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Sweet Potato	Sweet potato weevil	9 Tbsps./gal.		DO NOT USE IN CALIFORNIA.
	Corn earworm		0	PREPLANT DIP Just prior to planting, dip sweet potato cuttings in a suspension of this product (9 Tbsps./gal. of water).
	Cucumber beetles Flea beetles Sweet potato hornworm Tortoise beetles	1 1/4 to 2 1/2		Apply as a foliar spray as needed.
	Sweet potato weevil	1 1/4 to 2 1/2		FOLIAR APPLICATION Full coverage of plants is essential. Use lower rate on young plants and higher rate on mature plants.
Tobacco	Tobacco flea beetle	2 1/2 Tbs/gal. or 1 1/4 lbs/50 gal. and apply 6 gal/100 sq. yards	0	IN PLANT BEDS To prevent plant injury, avoid excessive applications.
	Green June beetle grubs	2/3 lb/100 gallons		Apply only to areas that larvae have uprooted by sprinkling as a drench with 50 to 100 gallons per 100 square yards.
	Budworms Fall armyworm Flea beetles Hornworms	Japanese beetle June beetles Suckfly	1 1/4 to 2 1/2	IN FIELDS Use lower rate on young plants (up to knee height). Use at least 10 gallons of prepared spray per acre. Begin treatments when worms are small.
				If late season applications are necessary, allow three days before priming or cutting.

BEST AVAILABLE COPY

CROP	INSECT	POUNDS OF "SEVIN" BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Wheat	Cereal leaf beetle	1 1/4	0 (forage)	DO NOT USE IN CALIFORNIA. Do not make more than 2 applica- tions after grain head emerge from boot. Application is effective against eggs larvae and adults.
	Armyworm Fall armyworm	1 1/4 to 1 7/8	21 (grain)	

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 brand 80S Carbaryl Insecticide 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 25-500 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	POUNDS OF "SEVIN" BRAND 80S/100 GAL.	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
APPLE THINNING			Apply 1 full coverage dilute spray between 10 and 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 this product; exercise caution to avoid possible yield reduction. Consult with your County Extension Service or other experts for advice on the proper use of this product.
Apples only	1/3 to 2/3	1	For easily thinned varieties including Cortland, Grimes, Jonathan, McIntosh, Orleans, Rome Beauty, Puritan, Red Delicious, Winesap, Yellow Newton.
	2/3 to 1 1/4		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.

CROP	INSECT	POUNDS OF "SEVIN" BRAND 80S/100 GAL.	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Almond	Peach twig borer San Jose scale Fruittree leafroller	1 1/14	28	Apply in "popcorn" or petal fall stages 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 6 1/4 pounds per acre.
Apples Pears	Apple aphid Apple rust mite Apple sucker Bagworms California pearslug (pear sawfly) Codling moth Eyespotted bud moth Green fruitworm Lecanium scales Lesser appleworm	Lygus bugs Orange tortrix Oystershell scale Pear leaf blister mite Pear psylla Pear rust mite San Jose scale Tentiform leafminers Woolly apple aphid	1 1 to 1 1/4	WEST OF THE ROCKY MOUNTAINS. 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.
	Apple mealybug Apple aphid Codling moth	White apple leafhopper	2/3	EAST OF THE ROCKY MOUNTAINS.
	Apple maggot Apple rust mite Bagworms Eastern tent caterpillar European apple sawfly Eyespotted bud moth Forbes scale Fruittree leafroller Green fruitworm Japanese beetle Lecanium scales Lesser appleworm Oystershell scale	Pear psylla Pear leaf blister mite Pear rust mite Periodical cicada Plum curculio Redbanded leafroller Rosy apple aphid San Jose scale Tarnished plant bug Tentiform leafminers Woolly apple aphid Yellowheaded fireworm	1 1 1/4	To avoid undesired apple thinning, delay use until at least 30 days after full bloom. For optimum scale control apply when crawlers are present.

BEST AVAILABLE COPY

1708 29

CROP	INSECT	POUNDS OF EVALIN BRAND 808/100 GAL.	PRE- HARVEST INTERVAL (DAY)	APPLICATOR INSTRUCTIONS
Chestnuts	Chestnut weevil	2 1/2 to 3 3/4	0	DO NOT USE IN CALIFORNIA. Make 4 applications at weekly intervals beginning in late July for adult chestnut weevil control. Last application should be made prior to shuck split.
Citrus Fruits (such as grapefruit, lemons, limes, oranges, tangelos, tangerines, citrus citron, kumquats and hybrids)	Avocado leafroller California orangedog Citrus cutworm Citrus root weevil Fruit tree leafroller	Orange tortrix Western tussock moth West Indian sugarcane borer (adults)	1 1/4	Do not apply more than 25 pounds of this product per acre per application.
	Black scale Brown soft scale California red scale	Citricola scale Citrus snow scale Yellow scale	1 to 1 1/4	Do not apply less than 10 gallons of dilute spray mixture per mature tree. May be mixed with petroleum oils commonly used on citrus.
Filbert	Filbert aphid Filbert leafroller Filbertworm	1 1/4	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	1 to 1 1/4	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 18 3/4 pounds of this product per acre per application.
Peaches Apricots Nectarines	Apple pandemis Codling moth Cucumber beetles European earwig Fruit tree leafroller	Orange tortrix Oriental fruit moth Peach twig borer Periodical cicada Plum curculio Redbanded leafroller	1 (peaches) 3 (apricots & nectarines)	Do not apply more than 7 1/2 pounds of this product per acre per application to apricots.

BEST AVAILABLE COPY

CROP	INSECT	POUNDS OF "SEVIN" BRAND, 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Peaches Apricots Nectarines (cont.)	Japanese beetle June beetles Lecanium scales Lesser peachtree borer Olive scale	San Jose scale Tarnished plant bug Tussock moths Variegated leafroller	1 (peaches) 3 (apricots & nectarines)	For optimum scale control apply when crawlers are present. Spray limbs and trunk thoroughly, weekly during moth flight.
Pecans	Black margined aphid Fall webworm Hickory shuckworm Lesser webworm Pecan leaf phylloxera	Pecan nut casebearer Pecan spittlebug Pecan stem phylloxera Pecan weevil Twig girdler Walnut caterpillar	1 1/4 to 3 0	Do not apply more than 9 pounds of this product per acre per application.
Pistachios	Navel orangeworm	2/3 to 2 1/2	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	Black cherry aphid Brown soft scale Cherry fruitworm Cherry maggot European earwig Eyespotted bud moth Forbes scale Fruitree leafroller Green fruitworm Japanese beetle Lecanium scales Lesser peach- tree borer	Mealy plum aphid Oystershell scale Peach twig borer Plum curculio Prune leafhopper Redbanded leafroller Rose chafer San Jose scale Variegated leafroller	1 1/4 1	Do not apply more than 7 1/2 pounds 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, weekly during moth flight.
	Codling moth Eastern tent caterpillar	Orange tortrix Tussock moth	1	

68-3-61
BEST AVAILABLE COPY

CROP	INSECT		POUNDS OF "SEVIN" BRAND 50S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Walnut	Calico scale	Hilbertworm	2/3	0	Apply 1000 gallons of dilute spray per acre for mature trees.
	European fruit lecanium	Fruitree 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 1/2		Spray tree trunks to point of run-off.

SMALL FRUIT CROPS

Recommended dosages refer to pounds of SEVIN Brand 80S Carbaryl insecticide 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 for aerial sprays. Do not exceed maximum label rate per acre per application.

CROP	INSECT		POUNDS OF "SEVIN" BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Blackberries Raspberries Dewberries (including boysenberries and loganberries)	European raspberry aphid	Leafhoppers Leafrollers	1 1/4 to 2 1/2	7	
	Japanese beetle	Rose chafer Snowy tree cricket			
	Omnivorous leafroller Raspberry sawfly		2 1/2		CALIFORNIA ONLY
Blueberries	Blueberry maggot Cherry fruitworm Cranberry fruitworm	European fruit lecanium Japanese beetle	1 7/8	0	Apply 3 weeks before harvest and repeat as necessary.
Cranberries	Cutworms Cranberry fireworms Cranberry fruitworms	Japanese beetle Leafhoppers Rose chafer	1 7/8 to 3 3/5	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 leaf folder Grape leafopper Cutworms Eight spotted forester Grape berry moth Japanese beetle June beetles	Western grapeleaf skeletonizer Western yellow- striped armyworm Orange tortrix Omnivorous leafroller Redbanded leafroller Saltmarsh caterpillar	1 1/4 to 2 1/2 2 1/2	0 0	Apply before first brood leafroller larvae emerge from rolls.
Strawberries	Flea beetles Meadow spittlebug Omnivorous leaf tier (strawberry fruitworm)	Strawberry leafroller Strawberry weevil	1 1/2 to 2 1/2	1	Carbaryl may injure Early Dawn and Sunrise varieties on the Delmarv. 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 1/4 tablespoonsfuls of SEVIN Brand 80S Carbaryl (insecticide) per gallon of water where rates of 1 1/4 pounds 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		INSECT		POUNDS OF "SEVIN" BRAND 80S	SPECIFIC DIRECTIONS
GROUND APPLICATION: Trees (including shade trees, shelter belts, forests, plantations, parks and recreational areas). Ornamentals (including roses, flowers and other herbaceous plants), Woody Plants and Shrubs.	Ants	Hackberry	Psyllids	1 1/4	Observe plant response precautions.
	Apple aphid	nipplegall	Puss caterpillar		
	Armyworm	maker	Redhumped		Apply dilute sprays to obtain
	Azalea leafminer	Holly bud moth	oakworm		thorough coverage of upper and lower
	Bagworms	Holly leafminer	Rose aphid		leaf surfaces. To control scale
	Birch leafminer	Jackpine	Rose chafer		insects, treat trunks, stems and
	Blister beetle	budworm	Roseslug		twigs in addition to plant foliage.
	Boxelder bug	Japanese beetle	Saddled		For optimum worm control, treat when
	Boxwood leafminer	Jeffrey pine	prominent		in early instars. Addition of a
	Brown tail moth	needleminer	Sawflies (exposed)		sticker may improve residual control.
	Cankerworms	June beetles	Scale insects		
	Catalpa sphinx	lace bugs	Sowbugs		Applications for control of Maple
	Chiggers	Leathoppers	Spiny elm		leafcutter on sugar maple should be
	Cooley spruce	Leafrollers	caterpillar		made when larvae are in 2nd instar,
	gall aphid	Locust borer	Springtails		after mining, and as cases are being
	Cutworms	Maple leafcutter	Spruce		formed.
	Cypress tip	Mealybugs	budworm		
	moth	Mimosa			
		webworm			

BEST AVAILABLE COPY

CROP	INSECT	POUNDS OF "SEVIN" BRAND 80S/ACRE	SPECIFIC DIRECTIONS
AERIAL APPLICATION: 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	<div> Douglas-fir tussock moth Eastern spruce gall aphid Elm leaf aphid Elm leaf beetle Elm spanworm Eriophyid mites European pine shoot moth Fall armyworm Flea beetles Fuller rose beetle Gall midges Gall wasps Green striped mapleworm Grasshoppers Gypsy moth </div> <div> Nantucket pine tip moth Oak leafminers Oak leaf skeletonizer Oakworm complex Oleander caterpillar Olive ash borer Orange-striped oakworm Orange tortrix Periodical cicada Pine sawfly Pine spittlebug Pitch pine tip moth Plant bugs Poinsettia hornworm </div> <div> Spruce needleminer Subtropical pine tip moth Tent caterpillars Thorn bug Thrips (exposed) Ticks Walnut caterpillar Webworms Western hemlock looper Western spruce budworm Willow leaf beetles Yellow poplar weevil </div>	1 1/4	<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>Applications for control of Maple leafcutter on sugar maple should be made when larvae are in 2nd instar, after mining, and as cases are being formed.</p>
Ips engraver beetles Mountain pine beetle Roundheaded pine beetle Western pine beetle		25	<p>Effective as a preventive treatment only. Repeat annually as required to prevent beetle attacks. 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>
Elm bark beetle			<p>Apply approximately 20 to 30 gallons of spray mixture for each 50 feet of elm tree for thorough coverage of all bark surfaces on trunk, limbs and twigs.</p>

LAWNS AND RECREATIONAL AREAS

CROP	INSECT	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 webworm (lawn moths) Sowbugs Springtails Ticks Yellowstriped armyworm
	Chinch bugs	White grubs
		Use 1 1/4 pounds of this product 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.
		Use 1 7/8 pounds of this product in 150 to 200 gallons of spray per 5000 square feet.

IMPORTED FIRE ANT CONTROL

To prepare small amounts, use 1/3 ounce of SEVIN Brand 80S Carbaryl Insecticide per gallon of water

SITE	QUARTS OF "SEVIN" BRAND 80S/ 100 GALLONS OF WATER	SPECIFIC DIRECTIONS
Lawns, Cemeteries, and Recreational Area (including turf, golf courses, and parks) Pastures, Rangeland, Forested Lands, Wastelands	2	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 apex and flow into ant tunnels. For best results, apply in cool weather 65-80 F, or in early morning or late evening hours. Repeat application if mound activity resumes after 10 days. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reduction in product effectiveness.

BEST AVAILABLE COPY

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 1/4 tablespoonful of SEVIN brand 80S Carbaryl insecticide per gallon of water, where rates of 1 1/4 pounds 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	POUNDS OF "SEVIN" BRAND 80S/100 GAL.	SPECIFIC DIRECTIONS
Pastures, Rangelands, Parks Recreational Areas, Logging Camps, Military Posts and Adjacent Forested lands or Wetlands	1/3 to 1 1/4 (1/3 to 1 1/4 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 mosquitoes are active in early morning or late evening. Repeat at 7 to 10 day intervals. Use 1/3 to 2/3 pounds per 100 gallons in mistblowers, 2/3 to 1 1/4 pounds per acre in aerial sprays and 1 1/4 pounds per acre in low pressure ground sprayers.
	3 1/4	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 IN AND AROUND BUILDINGS LIMITED TO PEST CONTROL OPERATORS ONLY

INSECT	POUNDS OF "SEVIN" BRAND 80S/100 GAL.	SPECIFIC DIRECTIONS
Ants Cockroaches	25 (25 tablespoofuls/ gallon)	For use in and around buildings such as homes, apartments, warehouses, barns and municipal and recreational areas.
Brown dog tick Earwigs Fleas Millipedes Silverfish Spiders	12 1/2 (12 1/2 tablespoofuls/ gallon)	<p>Apply as a coarse wet spray or with a paint brush, and thoroughly treat cracks and crevices, baseboards, corners, walls, door sills, and window frames, quarters of household pets, ant trails, outside perimeter of dwellings and other areas where insects tend to congregate.</p> <p>Do not use as a space spray. Repeat when necessary but not more often than twice per week.</p> <p>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.</p> <p>Avoid application to surfaces where visible spray residues are objectionable.</p>

268829
BEST AVAILABLE COPY

POULTRY INSECT CONTROL

POULTRY	INSECT	SPECIFIC DIRECTIONS
Chickens, Ducks, Geese, Game birds Pigeons, and Turkeys	Chicken mite Fleas Lice Northern fowl mite	<p>For use as a direct spray on birds by:</p> <p>1. Misting with Electric Fog Machine: Mix 3/8 pounds (6 ounces) of this product in 1 gallon of spray. Use 1 1/2 gallons per 1000 hens in cages, on litter or on slatted floors. Repeat in 4 weeks if necessary.</p> <p>or</p> <p>2. Spraying with knapsack or cylinder type compressed air sprayers: Mix 1/4 pound (4 ounces) of this product in 5 gallons of spray. Use 1 gallon per 100 hens in cages, on litter or on slatted floors. Repeat in 4 weeks if necessary.</p> <p>Direct mist spraying for chicken mite and fleas in a supplement to spraying roosts and buildings for control of these pests.</p> <p>Do not apply to poultry and game birds within 7 days of slaughter.</p>

POULTRY QUARTERS	INSECT	SPECIFIC DIRECTIONS
Roosts and Buildings	Bedbugs Chicken mites Fleas fowl tick Lesser mealworms Lice Northern fowl mite	<p>Spray roosts and buildings with conventional power spray or knapsack equipment. For chicken mite, fleas and bedbugs, use 5 pounds of this product per 100 gallons of water. For fowl ticks, use 20 pounds of this product per 100 gallons of water. For lesser mealworms, use 62 1/2 pounds per 100 gallons. Spray 1 to 2 gallons per 1000 square feet of wall, bedding, litter or roost surface. Force spray into cracks. Repeat as needed. Avoid spraying of nests, eggs and feeding and watering troughs. Ventilate while spraying. Do not treat premises within 7 days of slaughter.</p>

CENTER PIVOT IRRIGATION APPLICATIONS FOR ALFALFA, CORN AND POTATO

General Precautions for Applications Through Center Pivot 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.

APPLICATION OF MORE THAN LABEL RECOMMENDED QUANTITIES OF IRRIGATION WATER PER ACRE MAY RESULT IN DECREASED PRODUCT PERFORMANCE.

APPLY "SEVIN" BRAND 80S CARBARYL INSECTICIDE ONLY THROUGH SYSTEMS CONTAINING ANTI-SIPHON AND CHECK VALVES WHICH WILL PREVENT WATER SOURCE CONTAMINATION AND OVERFLOW OF THE MIX TANK, AND CONTAINING INTERLOCKING CONTROLS BETWEEN THE METERING DEVICE AND THE WATER PUMP TO INSURE SIMULTANEOUS SHUT-OFF.

DO NOT APPLY WHEN WIND SPEED FAVORS DRIFT, WHEN SYSTEM CONNECTIONS OR FITTINGS LEAK, WHEN NOZZLES DO NOT PROVIDE UNIFORM DISTRIBUTION OR WHEN LINES CONTAINING THE PRODUCT MUST BE DISMANTLED AND DRAINED.

WHERE SPRINKLER DISTRIBUTION PATTERNS DO NOT OVERLAP SUFFICIENTLY, UNACCEPTABLE INSECT CONTROL MAY RESULT. WHERE SPRINKLER DISTRIBUTION PATTERNS OVERLAP EXCESSIVELY, PLANT INJURY MAY RESULT ON SENSITIVE CROPS.

ALLOW SUFFICIENT TIME FOR PESTICIDE TO BE FLUSHED THROUGH ALL LINES AND ALL NOZZLES BEFORE TURNING OFF IRRIGATION WATER.

DIRECTIONS FOR USE THROUGH CENTER PIVOT IRRIGATION SYSTEMS

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

APPLICATION INSTRUCTIONS:

Prepare a suspension of SEVIN brand 80S Carbaryl Insecticide in a mix tank. Fill tank with 1/2 to 3/4 the desired amounts of water. Start mechanical or hydraulic agitation. Slowly add the required amount of this product, and then the remaining volume of water. Suspension concentrations of 1 1/4 to 2 1/2 pounds of this product per 1 to 4 gallons of water are recommended.

Set sprinkler to deliver 0.1 to 0.3 inches of water per acre. Start sprinkler and then uniformly inject the suspension of this product into the irrigation water line so as to deliver the desired rate per acre. The suspension of this product should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing.

Note: When treatment with this product 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.

BEST AVAILABLE COPY

FOR CONTROL THROUGH CENTER PIVOT IRRIGATION SYSTEMS

Recommended dosages refer to pounds of SEVIN brand 80S Carbaryl insecticide per acre. Consult the Directions for Use and General Precautions Through Center Pivot Irrigation Systems before application.

CROP	INSECT	POUNDS OF "SEVIN " BRAND 80S/ACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS		
Alfalfa	Alfalfa caterpillar	1 1/4 to 2 1/2	0	Observe plant response precautions.		
	Grasshopper	2 1/2				
	Leafhoppers	1 1/2 to 2 1/2				
Corn (field sweet, pop)	Corn earworm		0	OBSERVE BEE CAUTION: Apply when first silks appear. If local populations warrant, a second application should be made 5 to 7 days after the first. Optimum timing is essential for effective control.		
	European corn borer	2 1/2			Apply as necessary. Optimum timing is essential for effective control	
	Southwestern corn borer					
	Western bean cutworm					Make 2 applications. First application should be made at 60% egg hatch. Second application should be made at 98% egg hatch. Optimum timing is essential for effective control.
	Corn rootworm beetles					
Grasshoppers	Treat as necessary.					
Potato	Colorado potato beetles	2 1/2	0	Treat as necessary.		
	European corn borer					
	flea beetle					

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

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If bag 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 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 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.