



CARBARYL INSECTICIDE
FOR AGRICULTURAL OR COMMERCIAL USE
ONLY

Active Ingredient: Carbaryl (1-naphthyl N-methylcarbamate) 43% by Wt
Inert Ingredients 57% by Wt
(Contains 4 pounds Carbaryl per Gallon)
E.P.A. Reg. No. 264-349 E.P.A. Est. No. 264-MO-02

KEEP OUT OF REACH OF CHILDREN
CAUTION

PRECAUTIONARY STATEMENTS: See inside booklet
IN CASE OF EMERGENCY, TELEPHONE COLLECT
(24 HOURS A DAY) IN U.S.A. (304) 744-3487

For more information, see the inside booklet.

Keep this container and its contents out of the reach of children.

CONTENTS 2.5 GAL.

DO NOT DETACH BOOKLET FROM CONTAINER

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MAIL ROOM TELETYPE UNIT
RECEIVED BY MAIL ROOM

Avoid Contact with Skin and Eyes
Wear regular impervious work clothes, hat and boots. Wash hands and take other good body decontamination after handling.

STATEMENT OF PRACTICAL TREATMENT
IF SWALLOWED: If swallowed, drink milk or water immediately.
IF IN EYES: CRUSH SKIN: If on skin, wash with water and soap.

NOTE FOR PHYSICIAN: Carbaryl is a moderate-to-severe cholinesterase inhibitor. Atropine is antidotal.

Effect of case 2 PAM copolymers on coagulase-enzyme activity of *S. aureus*

[illegible]

THESE RESULTS ARE IN ACCORD WITH THE CONCLUSIONS OF OTHER RESEARCHERS THAT THE EFFECTS OF THE 1970S OIL PRICE INCREASES ON THE U.S. ECONOMY WERE NOT AS SEVERE AS FIRST REPORTED. THE REASON FOR THIS MAY BE THAT THE INCREASES IN OIL PRICES WERE NOT AS LARGE AS FIRST REPORTED, OR THAT THE U.S. ECONOMY WAS MORE RESILIENT THAN FIRST REPORTED.

SEVIN-8 is a suspension. To make fine SEVIN carbaryl, users should add water to the product. It disperses in water to form a spray which may be directed vertically or horizontally in the directions of the above listed tests and treatments. A label on the product will direct users to use SEVIN carbaryl in plants and on plants and structures listed below and on a READ THIS LABEL BEFORE USE STRICTLY FOLLOW THE LABEL DIRECTIONS AND CAUTIONS AND APPLICABLE FEDERAL AND STATE REGULATIONS.

[illegible]

It is important to note that the above information is not intended to constitute an offer of insurance or any other financial product. An offer of insurance or any other financial product can only be made when the product is used in connection with a specific insurance policy. The information is intended to provide a general overview of the product and is not intended to be used as a basis for investment decisions. The information is not intended to be used as a basis for investment decisions. The information is not intended to be used as a basis for investment decisions.

[illegible]

1. The first step is to identify the area of the brain that is affected by the stroke. This is done by looking at the patient's medical history and performing a physical examination. The area of the brain that is affected is then labeled as the "stroke area".

[illegible]

DIRECTIONS FOR USE

A violation of Federal law to use this product in a manner inconsistent with the labeling. Read Entire Label. Use Strictly According to Label Directions and Caution. Do not use application methods, dosages, concentrations, or frequencies not stated on labeling. Do not apply against target pests or crops not listed on labeling. Do not mix with fertilizers or micronutrients if the resulting spray mixture is incompatible or alkaline.

SPRAY PREPARATION

To use a uniform product, agitate slurry or concentrate SEVIN 4F containers prior to use. Do not use containers with pesticide residues or other foreign matter from old tanks and clean thoroughly 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 4F 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 MIXTURES FOR PROLONGED PERIODS.

COMPATIBILITY

SEVIN 4F when diluted with an equal volume of water is compatible with a wide range of pesticides. It is not compatible with diesel fuel, kerosene, fuel oil or aromatic solvents. If compatibility of SEVIN 4F 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.

WHEN PREPARING COMBINATION SPRAYS, FIRST ADD SEVIN 4F TO AT LEAST AN EQUAL VOLUME OF WATER, MIX THOROUGHLY AND THEN ADD COMBINATION PRODUCTS TO THE MIXTURE. DO NOT APPLY TANK MIX COMBINATIONS UNLESS YOUR PREVIOUS EXPERIENCE INDICATES THE MIXTURE IS EFFECTIVE AND WILL NOT RESULT IN APPLICATION PROBLEMS, EXCESSIVE RESIDUES OR PLANT INJURY.

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

APPLICATION

On all crops, use sufficient gallonage to obtain thorough and uniform coverage. Calibrate spray equipment to deliver the required volume. The flow rate of SEVIN 4F diluted 1:1 with water is similar to water.

Use 20 mesh 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 this rinse water.

INSECT CONTROL

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

SEVIN 4F does not control spider mites. If spider mites are a problem, use a registered miticide.

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 per acre for concentrate ground application. To prepare small volumes of spray, use 1 tablespoonful (1 fluid ounce) of SEVIN 4F per gallon of water where rates of 1 quart per acre or 1 quart per 100 gallons are indicated in the tables below.

CROP	INSECT	QUARTS OF SEVIN 4F ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
All Forage, Field and Vegetable Crops in This Section	Grasshoppers	to 1	See specific Field or Vegetable Crop	Use 1/2 to 1 quart for nymphs on small plants or sparse vegetation in wasteland, rangeland, ditch banks and borders. Use 1 to 1 1/2 quarts for adult grasshoppers or applications to dense vegetation.
Alfalfa	Beet beetles	to 1	0	Observe plant response precautions.
Clovers	Mexican bean beetle			
	Japanese beetle			
	Colorado potato beetle			
	Three-cornered alfalfa hopper	1		
	Green beetles			
	Velvetbean caterpillar			
	European alfalfa beetle	1 to 1 1/2		For alfalfa weevil larvae if pre-harvest damage is extensive, cut alfalfa and treat the stubble. Use higher rate in areas east of the Rocky Mountains. On common growth use 25 to 40 gallons per acre with ground equipment to ensure adequate coverage.
	Armyworm			
	Fall armyworm			
	Cloverhead			
	Lygus bugs			
	Stink bugs			
	Corn earworm			
	Webworms			
	Yellow-striped			
	Egyptian alfalfa armyworm			
	Weevil larvae			
	Exotic caterpillar			
Asparagus	Asparagus beetle	1 to 2	1	
	Asparagus beetle	2 to 4	Post harvest application only	Treat ferns or brush with Do not treat more than once every 3 days.

CROP	INSECT		QUARTS OF SEVIN 4F/ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Rice	Armyworm Leathoppers	Tadpole shrimp	2	14	CALIFORNIA ONLY For optimum tadpole shrimp control apply to water when pest first appears.
Sorghum Sorghum Sorghum Hybrids	Armyworms	Fall armyworm	1 to 2	21	Direct spray with 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 catch bugs use high gallonage ground application directed at the base of plants. DO NOT APPLY A COMBINATION OF SEVIN 4F AND 2,4-D HERBICIDES TO SOYBEANS. For light to moderate populations and smaller instars use the higher rates for heavy populations and larger instars.
	Crunch bugs	Stink bugs			
	Corn earworm	Webworms			
	Sorghum midge		1	0	
Soybeans	Southwestern corn borer		2	14 days	
	Cutworms				
	Bean leaf beetle	Mexican bean beetle		0	
	Cucumber beetles	Velvetbean caterpillar			
	Green clover worm				
	Corn earworm		1 to 1 1/2		
	Blister beetles		1 to 1		
	Grape colaspis				
	Mexican bean beetle				
	Bean leaf beetles	Arizona hopper			
Soybeans	Cucumber beetles	Thrips			moved down column at this rate to
	Green clover worm	Velvetbean caterpillar			
	Japanese beetle				
	Armyworm	Stink bugs	1 to 1		
	Cutworms	Webworms			
	Fall armyworm				
	Painted lady	Saltmarsh caterpillar	2 to 2		
	Thistle caterpillar	Yellow-striped armyworm			

CROP	INSECT		QUARTS OF SEVIN 4F/ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Sugar beets	Armyworm Beet leaf beetle Fall armyworm	Flea beetles Leathoppers Webworms	1 to 1	14	
		Cutworms	1		
Sunflower	Cutworms		1		NOT FOR USE IN CALIFORNIA
		Armyworm Fall armyworm	1 to 2	60	
Sweet Potato	Corn earworm Cucumber beetles Flea beetles Sweet potato borerworm Tortoise beetles Yellow-striped armyworm		1 to 2		NOT FOR USE IN CALIFORNIA Apply as a foliar spray as needed.
Tobacco	Tobacco leaf beetle		2 1/2 gal or 1 of 50 gal and apply 60 or 100 sq yards	0	IN PLANT BEDS To prevent plant injury avoid excessive applications. Apply only to areas that larvae have uprooted by sprinkling as a drench with 50 to 100 gallons per 100 square yards.
		Green June beetle grub	1 of 100 gallons		
Tobacco	Cutworms Fall armyworm Fall armyworm Fall armyworm	Japanese beetle Japanese beetle Sunflower	1 to 2		IN FIELDS Use caution on young plants up to knee height. Use at least 10 gallons of prepared spray per acre. Begin treatment when worms are small. If heavy infestations are necessary, allow three days before planting seedlings.

CROP	INSECT	QUARTS OF SEVIN 4F ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Almond	Corn leaf beetle	1	0 (forage)	NOT FOR USE IN CALIFORNIA Do not make more than two applications after grain head emerge from boot. Application is effective against eggs, larvae and adults.
	Armyworm Fall armyworm	1 to 1		

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 4F in the spray mixture to apply an amount per acre equivalent to that in a dilute spray. The optimum spray gallonage will depend on tree size, density and stage of growth. Typical spray gallonages per acre range from 200-300 gallons for dilute sprays, 30-100 gallons for concentrate sprays and 10-25 gallons for aerial sprays. Do not exceed maximum label rate per acre per application.

CROP	QUARTS OF SEVIN 4F/ 100 GAL	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
APPLE THINNING			Apply 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 SEVIN 4F, exercise caution to avoid possible yield reduction.
Apple	to	1	For easily thinned varieties including Cortland, Grimes, Jonathan, McIntosh, Orleans, Rome Beauty, Puritan, Red Delicious, Winesap, Yellow Newton.
	to 1	1	For difficult to thin varieties including Baldwin, Ben Davis, Duchess, Early McIntosh, Golden Delicious, Lady Apple, Northern Spy, Rhode Island Greening, Steele Red, Turkey Weathy, Yellow Transparent and York Imperial.

CROP	INSECT	QUARTS OF SEVIN 4F/ 100 GAL	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Almond	Peach twig borer San Jose Scale Fruit tree leafhopper	1	28	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.
Apples Pears	Apple aphid Apple rust mite Apple sucker Bagworms California Pear slug Pear sawfly Codling moth Eyespotted bud moth Green fruit worm Lecanium scales Lesser apple worm	to 1	1	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 mealy bug Apple aphid Codling moth			EAST OF THE ROCKY MOUNTAINS
	Apple maggot Apple rust mite Bagworms Eastern tent caterpillar European apple sawfly European pear sawfly Eyespotted bud moth Forbes scale Fruit tree leafhopper Green fruit worm Japanese beetle Larval plant bug Tortoise shell scale	1	1	To avoid undesired apple thinning, delay use until at least 30 days after full bloom. For optimum scale control apply when crawlers are present.
	White apple leafhopper Lecanium scales Lesser apple worm Oystershell scale Pear psylla Pear leafhopper Pear rust mite Periodical cicada Pumpkin vine borer Red-banded leafhopper Russet apple aphid San Jose scale Woolly apple aphid Yellow-headed leafhopper			

CROP	INSECT	QUARTS OF SEVIN 4F / 100 gals.	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Walnut	California European fruit lecanium European fruit lecanium European fruit lecanium			Apply 5 quarts of SEVIN 4F spray per acre to mature trees
	European fruit lecanium		0	For control of moth apply when the fruit is in the early stages of development and repeat spraying as needed
	European fruit lecanium	2		Spray the fruit as it begins to grow

SMALL FRUIT CROPS

Recommended dosages refer to quarts of SEVIN 4F 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.

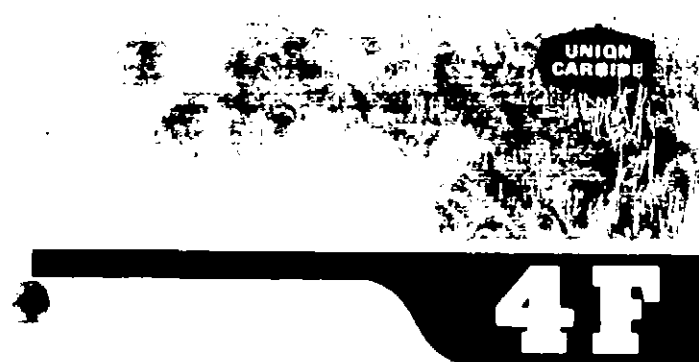
CROP	INSECT	QUARTS OF SEVIN 4F / ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Blackberries Raspberries Dewberries Huckleberries Loganberries and loganberries	European fruit lecanium European fruit lecanium European fruit lecanium European fruit lecanium European fruit lecanium European fruit lecanium	1 to 2	7	
Blueberries	Blueberry maggot Cherry fruit worm Cranberry fruit worm	1	0	Apply 3 weeks before harvest and repeat as necessary

CROP	INSECT	QUARTS OF SEVIN 4F / ACRE	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Cranberries	European fruit lecanium European fruit lecanium European fruit lecanium European fruit lecanium	1 to 3	1	Apply in late bloom and as needed at 7 to 10 day intervals Caution: May kill shrimp and crabs. Do not use in areas where these are important resources.
Grapes	European fruit lecanium European fruit lecanium European fruit lecanium European fruit lecanium	1 to 2	0	Apply before first brood leafhopper larvae emerge from eggs
Strawberries	European fruit lecanium European fruit lecanium European fruit lecanium European fruit lecanium	1 to 2	1	SEVIN may injury Early Dawn and Sunrise varieties on the Delmonico Peninsula

"TREES AND ORNAMENTALS" REMOVED
 "LEisure AND RECREATIONAL AREAS" REMOVED
 "MOSQUITO CONTROL" REMOVED
 "PEST CONTROL IN AND AROUND BUILDINGS" REMOVED

POULTRY INSECT CONTROL

UNION CARBIDE



CARBARYL INSECTICIDE
FOR AGRICULTURAL OR COMMERCIAL USE
ONLY

Contains 1 pound Carbaryl per gallon

EPA Reg. No. 263-149

EST. 1954

KEEP OUT OF REACH OF CHILDREN
CAUTION

PRECAUTIONARY STATEMENTS See inside booklet

IN CASE OF EMERGENCY TELEPHONE COLLECT
24 HOURS A DAY IN U.S.A. (304) 731-5187

CONTENTS 2.5 GAL.

UNION CARBIDE