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RP2

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CARBARYL INSECTICIDE

Home and Garden

For use under Federal Insecticide, Fungicide, and Rodenticide Act
registered under EPA Reg. No. 264-334

Active Ingredients:

Carbaryl (1-naphthyl N-methylcarbamate) 22.5% by wt.

Inert Ingredients: 77.5% by wt.

(Contains 2 Pounds Carbaryl Per Gallon)

E.P.A. Reg. No. 264-334

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 THE U.S.A. (304) 744-3487**

Union Carbide Agricultural Products Company, Inc.
P.O. Box 12014, T.W. Alexander Drive, Research Triangle Park, N.C. 27709

APC-3881-73

SEVIN® is the registered trademark of Union Carbide Corporation for carbaryl insecticide

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CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

HARMFUL IF INHALED OR SWALLOWED: Avoid breathing of spray. Do not take internally. Avoid contact with skin and eyes.

Wear regular long-sleeved work clothing. Change to clean clothing daily. Wash hands and face before eating. Wash thoroughly after handling.

Symptom of Practical Treatment:

If ALLOWED, induce vomiting and seek medical attention immediately. IF IN EYES OR ON SKIN, flush eyes thoroughly with water; wash skin thoroughly with soap and water.

NOTE FOR PHYSICIAN: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal. Do Not Use 2-PAM, opiates, or cholinesterase inhibiting drugs.

ENVIRONMENTAL HAZARDS:

Avoid direct application to lakes, streams and ponds. Do not apply when weather conditions favor drift from area treated. Do not contaminate water, food, or feed by cleaning equipment or disposal of wastes.

BEE CAUTION: This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

NOTICE OF DISCLAIMER

"NOTICE: BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL INJURY, LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS."

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. ~~Do not use application methods, dosages, concentrations, or frequencies not listed on labeling. Do not apply against target pests or crops not listed on labeling.~~

Shake all containers prior to use. Do not reuse empty containers or measuring devices for other purposes. Apply when insects or damage appear. Repeat as necessary to maintain control, unless spray interval is specified.

PLANT RESPONSE PRECAUTIONS SEVIN carbaryl insecticide injures Boston Ivy, Virginia creeper, and maidenhair fern. During early season, it may also injure Virginia and sand pines.

STORAGE AND DISPOSAL

Store unused SEVIN® RP2 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.

Do not contaminate water, food or feed by storage or disposal. Discard unused pesticide spray mixture in a safe place away from water supplies. Do not reuse empty pesticide containers.

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All dosages refer to teaspoonfuls of SEVIN® RP2 carbaryl insecticide per gallon of water. Do not exceed maximum dosage rate.

[illegible]

CROP	INSECT	TSPS OF SEVIN® RP2 GAL	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Broccoli	Beet beetles, leafhoppers, armyworms, cutworms, etc.	1.0-4.0	1-2	PLANTING IN CALIFORNIA
Brussels sprouts			1-2	PLANTING IN CALIFORNIA
Cabbage			1-2	PLANTING IN CALIFORNIA
Carrots			1-2	PLANTING IN CALIFORNIA
Cauliflower			1-2	PLANTING IN CALIFORNIA
Celery			1-2	PLANTING IN CALIFORNIA
Corn			1-2	PLANTING IN CALIFORNIA
Cucumbers			1-2	PLANTING IN CALIFORNIA
Collards			1-2	PLANTING IN CALIFORNIA
Dandelion			1-2	PLANTING IN CALIFORNIA
Endive			1-2	PLANTING IN CALIFORNIA
Escarole			1-2	PLANTING IN CALIFORNIA
Garden beet			1-2	PLANTING IN CALIFORNIA
Harvard salad			1-2	PLANTING IN CALIFORNIA
Kale			1-2	PLANTING IN CALIFORNIA
Kohlrabi			1-2	PLANTING IN CALIFORNIA
Lettuce			1-2	PLANTING IN CALIFORNIA
Mustard greens			1-2	PLANTING IN CALIFORNIA
Okra			1-2	PLANTING IN CALIFORNIA
Parsnips			1-2	PLANTING IN CALIFORNIA
Parsley			1-2	PLANTING IN CALIFORNIA
Radishes			1-2	PLANTING IN CALIFORNIA
Rutabagas			1-2	PLANTING IN CALIFORNIA
Salsify			1-2	PLANTING IN CALIFORNIA
Spinach			1-2	PLANTING IN CALIFORNIA
Swiss chard			1-2	PLANTING IN CALIFORNIA
Turnips			1-2	PLANTING IN CALIFORNIA

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CROP	INSECT	TYPE OF SEVIN® RP2/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 SEVIN® RP2 carbaryl insecticide, exercise caution to avoid possible yield reduction.
Apples only		1 to 2	1	For easily thinned varieties including Cortland, Grimes, Jonathan, McIntosh, Orleans, Rome Beauty, Puritan, Red Delicious, Winesap, Yellow Newton.
		2 to 4		For difficult to thin varieties including Baldwin, Ben Davis, Duchess, Early McIntosh, Golden Delicious, Lady Apple, Northern Spy, Rhode Island Greening, Steele Red, Turkey, Wealthy, Yellow Transparent and York Imperial.
Almond	Peach twig borer San Jose scale Fruitree leafroller			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 orange-worm	4	28	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.

CROP	INSECT	TSPS OF SEVIN® RP2/GAL	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS	
Apples Pears	Apple aphid Apple maggot Apple mealybug Apple rust mite Apple sucker Bagworms California pearslug (pear sawfly) Codling moth Eastern tent caterpillar European apple sawfly Eyespotted bud moth Forbes scale Fruitree leafroller Green fruitworm Japanese beetle Lecanium scales	Lesser appleworm Oystershell scale Orange tortrix Pear leaf blister mite Pear psylla Pear rust mite Periodical cicada Red-banded leafroller Rosy apple aphid San Jose scale Tarnished plant bug Tentiform leafminers White apple leafhopper Wooley apple aphid Yellowheaded fireworm	4	1	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 For optimum scale control apply when crawlers are present

CROP	INSECT		TSPS OF SEVIN® RP2/GAL	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Blackberries Raspberries Dewberries (including boysenberries) Loganberries Grapes Strawberries	European fruit lecanium European raspberry aphid Grape leafhopper Grape leaf folder Japanese beetle Leathoppers Leaf rollers Meadow spittlebug Omnivorous leafhopper (strawberry fruitworm)	Pear chafar Snowy tree cricket Strawberry weevil Western grapeleaf skeletonizer Western yellow striped armyworm	4 to 8	0 (grapes) 1 (strawberries)	Apply before first brood leafroller larvae emerge from rolls STRAWBERRIES SEVIN Carbaryl insecticide may injure Early Dawn and Sunrise varieties on the Delmarva Peninsula
	Cutworms Eight spotted forest Grape berry moth Japanese beetle June beetle Omnivorous leafroller	Orange for fruit Raspberry sawfly Redbreasted leafroller Saltmarsh caterpillar	8	Blackberries Dewberries raspberries boysenberries & logan berries	
Blueberries	Blueberry maggot Cherry fruitworm Cranberry fruitworm	European fruit lecanium Japanese beetle	6	0	Apply 3 weeks before harvest and repeat as necessary

CROP	INSECT		TSPS OF SEVIN® RP2/GAL	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Citrus Fruits (such as grapefruit, lemons, limes, oranges, tangerines, mandarins, citrons, kumquats and hybrids)	Averado leafroller California orange-dog Citrus cutworm Citrus root weevil Fruit tree leafroller	Orange for fruit Western tussock moth West Indian sugarcane borer (adults)	4	5	Do not apply less than 10 gallons of dilute spray mixture per mature tree. May be mixed with petroleum oils commonly used on citrus
	Black scale Brown soft scale California red scale Citricola scale	Citrus snow scale Yellow scale	3 to 4		
Cranberries	Cutworms Cranberry fireworms Cranberry fruitworm	Japanese beetle Leafhoppers Rose chafar	6 to 12	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
Filberts	Filbert aphid Filbert leafroller Filbert-worm		4	0	Apply when leafroller eggs are hatching. Repeat on first appearance of adult filbert moths and again 3 to 4 weeks later

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CROP	INSECT	TSPS OF SEVIN® PER GAL	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Apricots Cherries Nectarines Peaches Plums Prunes	Apple pom- dorm Black cherry aphid Brown soft scale Cherry fruitworm Cherry maggot Cucumber beetles European earwig Eye- spotted bud moth Forbes scale Fruitree leafroller Green fruitworm Japanese beetle June beetles Lecanium scales Lesser peachtree borer Mealy plum aphid Olive scale	4	1 (cherries peaches plums & prunes) 3 (apricots & nectarines)	For optimum scale con- trol, apply when crawlers are present For lesser peachtree borer control, spray limbs and tree trunks thoroughly weekly dur- ing moth flight
	Codling moth Eastern tent cater- pillar	3 to 4		

CROP	INSECT	TSPS OF SEVIN® PER GAL	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Pecans	Black marginated aphid Fall web- worm Hickory shuck- worm Lesser webworm Pecan leaf phyllorhiza	4 to 10	0	
Walnut	Calico scale Codling moth European fruit lecanium	2	0	For codling moth apply spray when average cross sectional diam- eters of developing nuts are 1 2 to 3 4 inch Repeat during middle or late June as needed
	European earwig	8		Spray tree trunks to point of run-off



SITE	INSECT	SPECIFIC DIRECTIONS
Lawns and Recreational Areas	Ants Armyworm Bluegrass billbug Centipedes Chiggers Cutworms Earwigs Essex skipper European chafar Fall army worm Firey skipper Flies Grasshoppers	June beetles Leafhoppers Lucerne moth Millipedes Mosquitoes Sod web worm (late months) Sowbugs Springtails Ticks Yellow-striped armyworm Use 8 teaspoons of SEVIN® RP2 carbaryl in 3 gallons of spray mixture per 100 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 as necessary.
	Chinch bugs White grubs	Use 12 teaspoons of SEVIN RP2 in 3 gallons of spray per 100 square feet.
	Imported Fire Ants	Use 2 tablespoons (1 fluid ounce) of SEVIN® RP2 per gallon of water. 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, reducing product effectiveness.

SITE	SPECIFIC DIRECTIONS
Yards and Recreational Areas	ADULT MOSQUITOES CAUTION: May kill shrimp and crabs. Do not use in areas where there are important resources. OBSERVE BEE CAUTION: Avoid direct application (moths). For dilute-spray ground applications to trees (including shade trees, shelter belts, plantations, parks and recreational areas), ornamentals, woody plants and shrubs, apply 1 to 2 tablespoons of SEVIN RP2 carbaryl insecticide per gallon of water. 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. For residual control in subtropical regions use 16 fluid ounces of SEVIN RP2 per gallon of water and 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

INSECT	AMOUNT OF SEVIN® RP2/GAL	SPECIFIC DIRECTIONS
Brown dog tick Earwigs Fleas Millipedes Silverfish	7 ounces gal	For use in and around buildings such as homes, apartments, warehouses, barns and municipal and recreational areas. Apply as coarse wet spray or with a paint brush to outdoor sleeping quarters of pets, outside perimeter of dwellings and other areas where insects tend to congregate.
Ants Cockroaches	17 ounces gal	Do not use where edible products are exposed being prepared, processed or served. Avoid application to surfaces where visible spray residues are objectionable.

POULTRY INSECT CONTROL

POULTRY	INSECT	SPECIFIC DIRECTIONS
Chickens Ducks Geese Gamebirds Pigeons Turkeys	Chicken mite Fleas Lice Northern fowl mite	For use as a direct spray on birds by: 1. Misting with Electric Fog Machine. Mix 20 ounces of SEVIN® RP2 in 1 gallon of spray. Use 1 to 2 gallons per 1000 hens in cages, on litter or on slatted floor. Repeat in 4 weeks if necessary or. 2. Spraying with knapsack or cylinder type compressed air sprayers. Mix 12 ounces of SEVIN® RP2 carbaryl insecticide in 5 gallons of spray. Use 1 gallon per 100 hens in cages, on litter or on slatted floor. Repeat in 4 weeks if necessary. Direct mist spraying for chicken mite and fleas is a supplement to spraying roosts and buildings for control of these pests. Do not apply to poultry and game birds within 7 days of slaughter.

POULTRY ROOSTS AND BUILDINGS ONLY

POULTRY QUARTERS	AMOUNT OF SEVIN® RP2/GAL	SPECIFIC DIRECTIONS
Bed bugs Chicken mites Fleas Lice Northern fowl mite	5 tablespoons gal	Apply 12 to 25 ounces of spray mixture per 100 square feet of wall, litter or roost surface. Force spray into cracks. Repeat as needed. Avoid contamination of nests, eggs and feeding and watering troughs.
Fowl tick	10 ounces gal	Ventilate while spraying. Do not treat premises within 7 days of slaughter.
Lesser mealworms	33 ounces gal	Apply 25 ounces of spray mixture per 100 square feet of floor space or litter surface. Repeat as needed.



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Home and Garden Insecticide

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KEEP OUT OF REACH OF CHILDREN CAUTION

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