ORNTO® SEVIN® Liquid brand carbaryl insecticide Formula II

Makes up to 48 gallons of spray (Quart Size)

Kills: Beetles, Caterpillars, Plant Bugs, Gypsy Moth, Apple Maggots, Tomato Hornworm, and other leaf-eating insects.


Also Controls Ticks which transmit Lyme Disease.

Active Ingredient
Carbaryl (1-naphthyl N-methylcarbamate)...........21.3%
Inert Ingredients..............................................78.7%

KEEP OUT OF REACH OF CHILDREN
CAUTION
See back panel booklet for additional precautionary statements

NET CONTENTS  16 FL OZ (1 PT) / 473 mL
32 FL OZ (1 QT) / 946 mL

ACCEPTED
JUL 11 1995
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. For this pesticide registered under EPA Reg. No. 239-2628

239-2628 EPA  September 29, 1994

P/I/H 19 239-2628  10/10
Kills: Beetles, Caterpillars, Plant Bugs, Gypsy Moth, Apple Maggots, Tomato Hornworm, and other leaf-eating insects.


Controls Ticks which transmit Lyme Disease.

For Home Use Only.

Peel open for use directions and further information

CAUTION: Harmful if swallowed, avoid breathing of spray mist. SEE ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE BOOKLET.

PULL HERE TO OPEN LABEL PRESS TO RESEAL

Medical Information call 1-800-454-2333
Product Information call 1-800-225-2883

*Monsanto Company 1994

Manufactured for
The SOLARIS Group of
Monsanto Company
P.O. Box 5008
San Ramon CA 94583-0808
Form RS795-A
Product 6013
EPA Reg No 239-2628
EPA Est. 239-IA-3, 58996-MO-1

Superscript is first letter of lot number
Made in USA
DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

Shake container prior to use. Do not use empty container or measuring devices for other purposes. Apply when insects or their damage appear. Repeat as necessary to maintain control, unless spray interval is specified. Do not plant food crops not listed on this label in carbaryl treated soil.

PLANT RESPONSE PRECAUTIONS
Carbaryl insecticide injures Boston Ivy, Virginia Creeper, and Maidenhair Fern. During early season, it may also injure Virginia and Sand Pines.

FOR USE WITH HOSE-END SPRAYERS INCLUDING THE ORTHO DIAL 'n SPRAY® AND TANK-TYPE SPRAYERS.

ORTHO READY-SPRAY DIRECTIONS - HOW TO USE: Connect attached spray nozzle to garden hose. Turn the green water control ON/OFF valve on top of sprayer to the "OFF" position. Turn on water at faucet. Using a coin or key rotate the small green product control valve located near front of nozzle forward to the "OPEN" position. To BEGIN spraying, point spraying nozzle toward plants and turn the green water control ON/OFF valve to "ON" position. The sprayer automatically mixes the product into the spray stream. Spray upper and lower leaf surfaces thoroughly. To STOP spraying, turn green water control ON/OFF valve to "OFF" position. Rotate small green product control valve back to "CLOSED" position. Turn off water at faucet. To relieve pressure on hose, turn the green water control ON/OFF valve to "ON" position before removing nozzle from hose, being careful to point nozzle away from you.

1 tsp = Teaspoon
1 Tbs = Tablespoon
1 Tbs = 1/2 fl oz

RATE TO APPLY: Use 4 tsp of this product per gal of water unless otherwise noted. For use in ORTHO DIAL'n SPRAY, pour product undiluted into sprayer jar, set dial at 4 tsp per gallon (unless otherwise indicated) and spray. Unused product may be returned to container. Observe plant response precautions and specific directions. Do not exceed dosage rates. The number in parentheses ( ) following each crop refers to the minimum number of days that must be observed between the date of the last application and harvest.

ORNAMENTALS INCLUDING ROSES, SHRUBS, WOODY PLANTS AND TREES

Thorough coverage of upper and lower leaf surfaces and trunks, stems, and twigs is
necessary for control of pests.

<table>
<thead>
<tr>
<th>ORNAMENTAL AND TREE PESTS CONTROLLED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ants</td>
</tr>
<tr>
<td>Apple Aphid</td>
</tr>
<tr>
<td>Armyworm</td>
</tr>
<tr>
<td>Azalea Leafminer</td>
</tr>
<tr>
<td>Bagworms</td>
</tr>
<tr>
<td>Birch Leafminer</td>
</tr>
<tr>
<td>Blister Beetle</td>
</tr>
<tr>
<td>Boxelder Bug</td>
</tr>
<tr>
<td>Boxwood Leafminer</td>
</tr>
<tr>
<td>Browntail Moth</td>
</tr>
<tr>
<td>Cankerworms</td>
</tr>
<tr>
<td>Catalpa Sphinx Moth</td>
</tr>
<tr>
<td>Chiggers</td>
</tr>
<tr>
<td>Cooley Spruce Gall Adelgid</td>
</tr>
<tr>
<td>Cutworms</td>
</tr>
<tr>
<td>Cypress Tip Moth</td>
</tr>
<tr>
<td>Douglas-Fir Tussock Moth</td>
</tr>
<tr>
<td>Eastern Spruce Gall Adelgid</td>
</tr>
<tr>
<td>Elm Leaf Aphid</td>
</tr>
<tr>
<td>Elm Leaf Beetle</td>
</tr>
<tr>
<td>Elm Spanworm</td>
</tr>
<tr>
<td>Eriophyid Mites</td>
</tr>
<tr>
<td>European Pine Shoot Moth</td>
</tr>
<tr>
<td>Fall Armyworm</td>
</tr>
<tr>
<td>Flea Beetles</td>
</tr>
<tr>
<td>Fuller Rose Beetle</td>
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<tr>
<td>Gall Midges</td>
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<tr>
<td>Gall Wasps</td>
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<tr>
<td>Pine Spittlebug</td>
</tr>
<tr>
<td>Pitch Pine Tip Moth</td>
</tr>
<tr>
<td>Plant Bugs</td>
</tr>
<tr>
<td>Poinsettia Hornworm</td>
</tr>
<tr>
<td>Psyllids</td>
</tr>
<tr>
<td>Redhumped Oakworm</td>
</tr>
<tr>
<td>Rose Aphid</td>
</tr>
<tr>
<td>Rose Chafer</td>
</tr>
<tr>
<td>Saddled Prominent Caterpillar</td>
</tr>
<tr>
<td>Scale Insects</td>
</tr>
<tr>
<td>Spiny Elm Caterpillar</td>
</tr>
<tr>
<td>Spruce Budworms</td>
</tr>
<tr>
<td>Spruce Needleminer</td>
</tr>
<tr>
<td>Tent Caterpillar</td>
</tr>
<tr>
<td>Ticks</td>
</tr>
<tr>
<td>Walnut Caterpillar</td>
</tr>
<tr>
<td>Western Hemlock Looper</td>
</tr>
<tr>
<td>Yellow Poplar Weevil</td>
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<tr>
<td>Yellow Poplar Weevil</td>
</tr>
</tbody>
</table>

Combination Spray with Fungicide on Roses: ORTHO FUNGINEX® Rose Disease Control or ORTHO Multi-Purpose Fungicide DACONIL 2787® may be mixed with this product when listed insect(s) and disease(s) are present. Follow directions and precautions on both labels.

VEGETABLE CROPS

Beans - including Black-eyed Peas, Crowder or Southern Peas, Dry Beans, Green Beans, Lima Beans, Navy Beans and Snap Beans (0), Carrots (0), **Corn (0), Cucumber (0), Eggplant (0), Melons (0), Okra (0), Peanuts (0), Pepper (0), Pe†ata (0), Pumpkin (0), Squash (0), Tomatoes (0).
Broccoli (3), Brussels Sprouts (3), Cabbage (3), Cauliflower (3), Cowpeas (3), Beet Roots (3), **Head Lettuce (3), Horseradish (3), Kohlrabi (3), Parsnips (3), Peas (3), Radishes (3), Rutabagas (3), Salsify Roots (3), Turnip Roots (3).

Chinese cabbage (14), Collards (14), Dandelion (14), Endive (14), Escarole (14), Beet Tops (14), Hanover salad (14), Kale (14), Mustard Greens (14), **Leaf Lettuce (14), Parsley (14), Salsify Tops (14), Spinach (14), Swiss Chard (14), Turnip Tops (14).

For control of all vegetable pests listed below, apply spray to cover upper and lower leaf surfaces.

PESTS CONTROLLED

<table>
<thead>
<tr>
<th>Pests</th>
<th>Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa Caterpillar</td>
<td>Flea Beetles</td>
</tr>
<tr>
<td>Armyworm</td>
<td>Grasshoppers</td>
</tr>
<tr>
<td>Aster Leafhopper</td>
<td>Green Cloverworm</td>
</tr>
<tr>
<td>Bean Leaf Beetle</td>
<td>Harlequin Bug</td>
</tr>
<tr>
<td>Blister Beetles</td>
<td>Imported Cabbageworm</td>
</tr>
<tr>
<td>Chinch Bug</td>
<td>Japanese Beetle</td>
</tr>
<tr>
<td>Colorado Potato Beetle</td>
<td>Lace Bugs</td>
</tr>
<tr>
<td>Corn Earworm</td>
<td>Leafhoppers</td>
</tr>
<tr>
<td>Corn Rootworm (adults)</td>
<td>Lygus Bugs</td>
</tr>
<tr>
<td>Cucumber Beetles</td>
<td>Melonworm</td>
</tr>
<tr>
<td>Cutworms</td>
<td>Mexican Bean Beetle</td>
</tr>
<tr>
<td>European Corn Borer</td>
<td>Pickleworm</td>
</tr>
<tr>
<td>Fall Armyworm</td>
<td>Red-Necked Peanutworm</td>
</tr>
</tbody>
</table>

**Specific Directions:** Corn - 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 feeder, apply as necessary. Optimum timing and good coverage are essential for effective control. Lettuce: Treat on a 5 to 7 day schedule after heads begin to form.

FRUIT, BERRY AND NUT TREE CROPS:

Blueberries (0), Grapes (0), Filberts (0), Pecans (0), Walnuts (0), Apples (1), Cherries (1), Peaches (1), Pears (1), Plums (1), Prunes (1), Strawberries (1), Apricots (3), Nectarines (3), Grapefruit (5), Lemons (5), Limes (5), Oranges (5), Tangelos (5), Tangerines (5), Citrus Citron (5), Kumquats (5), Blackberries (7), Boysenberries (7), Dewberries (7), Loganberries (7), Raspberries (7), Almonds (28).

PESTS CONTROLLED

<table>
<thead>
<tr>
<th>Pests</th>
<th>Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple Aphid</td>
<td>Filbert Aphid</td>
</tr>
<tr>
<td>Apple Maggot</td>
<td>Filbert Leafroller</td>
</tr>
<tr>
<td>Apple Mealybug</td>
<td>Filbertworm</td>
</tr>
<tr>
<td>Apple Pandemis</td>
<td>Forbes Scale *</td>
</tr>
<tr>
<td>Apple Rust Mite</td>
<td>Fruit Tree Leafroller</td>
</tr>
<tr>
<td>Apple Sucker</td>
<td>Frosted Scale *</td>
</tr>
</tbody>
</table>
Bagworms
Black Cherry Aphid
Black Margined Aphid
Black Scale
Brown Soft Scale
Calico Scale
California Orangedog
California Pearslug
(Pear Sawfly)
California Red Scale
Cherry Maggot
Citricola Scale
Citrus Cutworm
Citrus Snow Scale
Codling Moth
Cucumber Beetles
Eastern Tent Caterpillar
European Apple Sawfly
European Raspberry Aphid
Eyespotted Bud Moth
Fall Webworm
Grape Leafhopper
Grape Leaffolder
Green Fruitworm
Hickory Shuckworm
Japanese Beetle
Leafhoppers
Leafrollers
Lecanium Scales
Lesser Appleworm
Lesser Peachtree Borer
Lesser Webworm
Meadow Spittlebug
Mealy Plum Aphid
Navel Orangeworm
Olive Scale
Omnivorous Leafletier
Strawberry fruitworm
Orange Tortrix
Oriental Fruit Moth
Oyster Shell Scale
Peach Twig Borer
Pecan Weevil
Periodical Cicada
Plum Curculio
Prune Leafhopper
Redbanded Leafroller
Rose Chafer
Rosy Apple Aphid
San Jose Scale
Snowy Tree Cricket
Strawberry Weevil
Tarnished Plant Bug
Tentiform Leafminers
Twig Girdler
Tussock Moth
Variegated Leafroller
Walnut Caterpillar
Western Grapeleaf Skeletonizer
Western Tussock Moth
Western Yellowstriped Armyworm
White Apple Leafhopper
Woolly Apple Aphid

*Specific Directions: For Peach Twig Borer, apply in "popcorn" or petal fall stages and again when the April brood of the Peach Twig Borer begins to hatch or thereafter as needed. For Pear psylla control, apply when eggs hatch or young nymphs are present. For optimum Scale control, apply when crawlers are present. For Grape Leaffolder, apply before first brood Leaffolder larvae emerge from rolls. For Lesser Peachtree Borer control, spray limbs and tree trunks thoroughly, weekly during moth flight. For Codling Moth (on Walnuts), apply spray when average cross sectional diameters of developing nuts are 1/2 to 3/4 inch. Repeat during middle or late June as needed.

Note: For Citrus, do not apply less than 10 gal of dilute spray mixture per 8 - 12" tree. May be mixed with horticultural spray oils commonly used on Citrus.

HOME LAWNS AND HOME RECREATION AREAS
For best results, mow lawn and apply after watering or rains. Apply sufficient spray volume for thorough coverage. Repeat as necessary.

LAWN PEST CONTROL TABLE

<table>
<thead>
<tr>
<th>Pests</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Ants</td>
<td>Grasshoppers</td>
<td>Bluegrass Billbug</td>
</tr>
<tr>
<td>Armyworms</td>
<td>Leafhoppers</td>
<td>Chinch Bugs</td>
</tr>
<tr>
<td>Centipedes</td>
<td>Lucerne Moth</td>
<td>Sod Webworms</td>
</tr>
</tbody>
</table>

239-2828.EPA September 28, 1994
Chiggers  
Cutworms**  
Earwigs  
Essex Skippers**  
Fall Armyworm**  
Fiery Skipper  
European Crane Fly Larvae*** (Leather Jacket)  
Millipedes  
Mosquito (Adult)  
Sowbugs  
Spittlebugs  
Fleas  
Whitegrubs (such as larvae of Japanese Beetle, European Chafer, May/June Beetles [Phyllophaga, spp.])****

RATE TO USE: Use 8 fl oz (1 Cup) in 16 gal of water to cover 1500 sq ft (25’ x 60’) of established lawn (or 1 Tbs in one gal of water to cover 94 sq ft)

RATE TO USE: Use 8 fl oz (1 Cup) in 16 gal of water to cover 675 sq ft (25’ x 27’) of established lawn (or 1 Tbs in one gal of water to cover 42 sq ft)

FOR USE IN ORTHO DIAL ’n SPRAY HOSE-END SPRAYER:
Pour 8 oz (1 Cup) of undiluted product into sprayer jar. Do not add water. Set dial on sprayer at 1 Tbs per gal and apply evenly over 1500 sq ft (25’ x 60’) area of lawn.

Important * For Chinch Bugs: Treat entire area.

**For Armyworm, Cutworm, Fall Armyworm and Sod Webworm: Do not water treated areas following application.

***For European Crane Fly (Except in CA): Apply in early spring April 1 to April 15, or as recommended by local Agricultural Extension Service. Water lawn thoroughly after treatment.

****For White Grub: Apply when grubs are feeding near the soil surface usually during late March through May, or July to early September or as recommended by local Agricultural Extension Service. Water lawn thoroughly after treatment.

IMPORTED FIRE ANT CONTROL - MOUND TREATMENT (SPRINKLING CAN)
Use 1 fl oz per gal of water. Apply 2 gal of diluted solution over each mound. Thoroughly wet mound and surrounding areas to a 4 ft diameter. Do not disturb mounds prior to treatment. For best results, apply in cool weather, 65 to 80°F; or in early morning or late evening. Repeat application if activity resumes after 10 days. Treat new mounds as they appear.

CONTROL OF TICKS WHICH TRANSMIT LYME DISEASE
For control of Deer, Bear, Black Legged, and Lone Star Ticks Apply two Tbs (3 fl oz) per gallon of water. With DIAL ’n SPRAY pour product into sprayer jar (do not add water). Set dial at 1 oz per gal of water and spray to wet foliage.
Begin applications in late spring or early summer (May/June). Thoroughly treat entire
turf area, shrub-beds, ornamental plantings, wooded areas, and around outside perimeters of homes/buildings where ticks may occur. Retreat at 3 to 4 week intervals until late fall, since ticks may be reintroduced from surrounding areas by animals.

**ADULT MOSQUITO CONTROL IN YARDS AND HOME RECREATION AREAS**

For application to shade trees, ornamentals, woody plants and shrubs, apply 1 to 2 Tbs per gal of water. Treat shrubbery and areas where adult mosquitoes congregate. Treat when adult mosquitoes are active in early morning or later evening. Repeat at 7 to 10 day intervals. (Note: Carbaryl may kill shrimp and crabs; Observe Bee caution.)

**PEST CONTROL AROUND OUTSIDE OF BUILDINGS**

(HOMES, BARNs)

To Control: Brown Dog Ticks, Fleas, Earwigs, Millipedes, Silverfish. Apply at the rate of 7 oz/gal of water as a coarse wet spray to outside perimeter of dwellings and other areas where insects tend to congregate. Do not apply this rate to foliage of plants.

**HOME POULTRY ROOSTS AND CHICKEN COOPS**

To Control: Bed Bugs, Chicken Mites, Fleas, Lice, Northern Fowl Mite. Use 5 Tbs per gal of water. Apply at the rate of 12 to 25 oz of spray mixture per 100 sq ft of wall, litter or roost surface. Force spray into cracks. Repeat as needed. Avoid contamination of nests, eggs and feeding and watering troughs. Do not treat premises within 7 days of slaughter.

**STORAGE AND DISPOSAL**

**STORAGE:** Keep pesticide in original container, in cool, dry area out of reach of children and animals, preferably in a locked storage area. Do not store in areas where temperatures frequently exceed 100°F. After use, replace cap on insecticide container. Rinse hose-end unit outdoors with clear water.

**DISPOSAL:** PRODUCT-Partially filled containers may be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash. CONTAINER-Do not reuse empty container. Rinse thoroughly before discarding in trash. Securely wrap in several layers of newspaper and discard in trash.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed, avoid breathing of 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.

FIRST AID: IF SWALLOWED: Induce vomiting and seek medical attention immediately. IF IN EYES OR ON SKIN: Flush eyes with plenty of water. Wash skin thoroughly with soap and water. Note to Physician: Emergency Information call 1-800-454-2333. Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antitodal. Do not use 2-PAM, opiates, or cholinesterase inhibiting drugs.
ENVIRONMENTAL HAZARDS: This product is extremely toxic to aquatic and estuarine invertebrates and toxic to birds and other wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

BEE CAUTION: MAY KILL HONEYBEES IN SUBSTANTIAL NUMBERS. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops and weeds. Do not apply this product or allow it to drift to blooming crops or weeds, if bees are visiting the treatment area. Contact your Cooperative Agricultural Extension Service for further information.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Medical Information call 1-800-454-2333
Product Information call 1-800-225-2883

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SEVIN® is the registered trademark of Rohn-Poulenc for carbaryl insecticide.
FUNGINEX® Registered trademark of American Cyanamid Company
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COPY A