

432-1211

( 3 / 11 / 2014 )

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

WAS

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Richard M. Gorrell  
Bayer Environmental Science  
2 T.W. Alexander Drive  
RTP, NC 27709

MAR 11 2014

Subject: Amendment to add RTU directions for sprayer use  
Product Name: CP Carbaryl Insecticide Spray Ready-to-Use  
EPA Registration No. 432-1211  
Submission Date: December 23, 2013  
Decision Number: # 486535

Dear Richard M. Gorrell,

The labeling referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. Submit two copies of your final printed labeling before you release the product for shipment. A stamped copy is enclosed for your records. If you have any questions, please contact me at (703) 347-0263 or [rogala.jessica@epa.gov](mailto:rogala.jessica@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Meredith Laws", with a stylized flourish at the end.

for Meredith Laws  
Branch Chief  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

# CP CARBARYL INSECTICIDE

## SPRAY Ready-to-Use

### [FOR OUTDOOR RESIDENTIAL USE ONLY]

[Ready to Use]	[For use on fruits, trees, vegetable gardens, ornamentals, shrubs, roses, and flowers]
[Shake Well and Spray]	Got Japanese Beetles? Get Sevin!
[Easy to Apply]	Got [insert listed pest here]? Get Sevin!
[Kills Japanese Beetles]	Hate The Bugs. Love The Garden. Get Sevin!
[Kills over 100 Insect Pests: 48 Different Insects on Vegetable Crops]	Easy to Use
[74 Different Insects on Fruit Crops]	Pump and Spray
[80 Different Insects on Trees, Ornamentals, Shrubs, Flowers]	Peel Sticker to Access Spray Wand
[12 different Insects Around the outside of Homes]	

### ACTIVE INGREDIENT:

Carbaryl\*.....0.126%

OTHER INGREDIENTS.....99.874%

TOTAL.....100.000%

\*CAS Number 63-25-2

EPA Reg. No.432-1211

EPA Est.67572-GA-1

KEEP OUT OF REACH OF CHILDREN

## CAUTION

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call (1-800-331-2867)

### FIRST AID

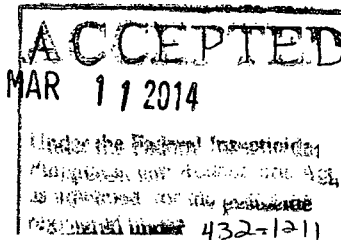
This product is a N-methyl carbamate and is a cholinesterase inhibitor

<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

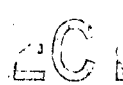
### HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-334-7577 for emergency treatment information.

**NOTE TO PHYSICIAN:** CARBARYL is an N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are not recommended.



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## PRECAUTIONARY STATEMENTS



### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when applying this product. For overhead applications, also wear a hat and eye protection. Remove clothing immediately if pesticide soaks clothing. Change clothing as soon as possible after use. Wash the outside of gloves before removing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

#### ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic invertebrates. Do not apply directly to water or allow drift to water. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

**BEE CAUTION: MAY KILL HONEYBEES AND OTHER BEES.** This product is highly toxic to honeybees and other bees. Do not apply to plants in bloom.

[Optional Back Panel claims statement(s)]:

This product is ready to use and easy to apply. Simply shake well and spray. This product kills over 100 insect pests and can be used on vegetable gardens, fruits, trees, ornamentals, shrubs, flowers, and around the outside of homes.

## DIRECTION FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.**

Read the entire label before using this product. Strictly observe label direction, precautions, and restrictions.

#### RESTRICTIONS

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until sprays have dried.

For outdoor use only. Not for use on plants grown for sale, commercial use, research, or for commercial seed production. Not for use on lawns.

QUICK FACTS Read the Label First!	
<b>KILLS</b>	Japanese Beetles, Imported Cabbageworms, Tomato Hornworms, Ants, Ticks, and over 100 other listed insect pests.
<b>WHERE TO USE</b>	On vegetables, fruits, trees, shrubs, ornamentals, flowers, and around the outside of homes.
<b>[Phone Symbol]</b>	For questions or comments, call toll-free 1-877-BAYER-AG (1-877-229-3724).

[Optional Sprayer Directions]

#### Option 1:

**How to Attach Sprayer to Bottle:** Remove Power Sprayer and hose from side carrier. Replace bottle cap with cap attached to Power Sprayer hose.

**Prepare to Spray:** Point Sprayer away from body. Adjust sprayer to desired spray pattern (e.g., stream setting for directly spraying pest or wide setting for treating larger areas), do not turn past "X" position. Slide safety switch to ON position.

**Spray:** Squeeze trigger to dispense product. Sprayer may require several seconds to prime before spraying.

**After Use:** Slide safety switch to LOCK position. Turn sprayer nozzle to OFF position. Return Power Sprayer to side carrier for storage.

**Option 2:**

**How to Attach Sprayer to Bottle:** Remove Power Sprayer from side carrier. Pull battery tab to remove. Fully extend hose from bottom of sprayer. Open flip-cap on bottle. Insert hose and plug into flip-cap opening until it snaps into place.

**How to Spray:** Point Power Sprayer away from body. Adjust sprayer to desired spray pattern (e.g., stream setting for directly spraying pest or wide setting for treating larger areas). Squeeze trigger to dispense product. Sprayer may require several seconds to prime before spraying.

**After Use:** Turn sprayer nozzle to X (off) position. Do not unplug hose. Return Power Sprayer to side carrier for storage. Do not reuse Power Sprayer with any other product or on any other container.

**Proper Use of Batteries:** Never mix old batteries with new. Do not mix Alkaline with Standard (carbon zinc) or Rechargeable (nickel cadmium) batteries. When replacing batteries, follow diagram inside battery compartment. When storing sprayer at end of season, remove batteries to prevent leakage. Follow manufacturer's recommendations for disposal of batteries.

**Option 3:**

**Sprayer Set Up:** Detach pump from retaining clip and remove sticker. Once the sticker is removed, pull the wand from the storage compartment. Make sure control valve is in the off position then unwrap the hose from the cap.

**To Spray:** Turn pump handle to release from locked position. Pump the sprayer approximately 15-20 times until the pump is primed. Once pump is primed, compress and return pump handle to locked position. Begin spraying by turning control valve to the on position while holding the wand down. Select the desired spray pattern by rotating the nozzle at the tip of the wand.

To relieve pressure when finished spraying: Turn the control valve to the off position. Turn the cap counterclockwise to relieve pressure. Once pressure has been relieved, tight the cap by turning in clockwise.

To store: Wrap hose around cap and replace wand in the storage compartment.

**[HOW TO USE]****SHAKE CONTAINER BEFORE USING**

Adjust sprayer to desired spray pattern (e.g., stream setting for directly spraying pest or wide setting for treating larger areas). Hold sprayer 8 to 12 inches from the area to be treated. Spray until surface is wet. Do not apply when temperatures exceed 85°F as temporary leaf burn may occur. Start spraying at the farthest corner of the treatment area and work backward to avoid contact with wet surfaces. Do not use on large trees. For trees taller than 10 feet consider hiring a licensed professional. Spray thoroughly to wet upper and lower leaf surfaces, stems and branches. Do not repeat applications more than once a week.

**VEGETABLE CROPS**

To effectively kill the vegetable pests listed below, apply this product in adequate volume to effectively cover both the upper and lower surfaces of the plant.

PHI refers to the minimum interval in days that must be observed between the date of the last application and date of harvest. APP refers to the maximum number of applications per crop per year.

Vegetable	PHI	APP
Asparagus	1	3
Brassica head and stem vegetables*: Broccoli, Brussels sprouts, Cabbage, Cauliflower, Chinese cabbage, Kohlrabi	3	4
Brassica leafy green vegetables*: Chinese cabbage, Collards, Kale, Mustard greens, Mustard spinach, Turnip greens	14	4
Corn (sweet)	2	8
Cucurbit vegetables: Cucumber, Melons, Pumpkin, Squash	3	6
Dried shelled legume vegetables**: Adzuki bean, Blackeyed pea, Cowpea, Field bean, Kidney bean, Lentils, Lima bean (dry), Mung bean, Navy bean, Pinto bean, Southern pea	21	4
Edible-podded legume vegetables**: Dwarf pea, Edible-pod pea, Jack bean, Snap bean, Snow pea, Sugar snap pea, Wax bean, Yardlong bean,	3	4
Fruiting vegetables: Eggplant, Groundcherry, Okra, Peppers, Tomatoes	3	7

Leafy vegetables: Cardoon, Celery, Celtuce, Florence fennel, Dandelion, Endive, Lettuce (head and leaf), Parsley, Rhubarb, Spinach, Swiss chard	14	5
Okra	3	4
Peanuts	14	5
Root and Tuber vegetables (except sugar beets and sweet potatoes): Artichoke (Chinese and Jerusalem), Carrots, Garden Beets (roots and tops), Ginger, Ginseng, Horseradish, Parsnip, Potato, Radish, Rutabaga, Salsify, Turnip (roots and tops), Yams	7	6
Sweet Potatoes	7	8
<b>PESTS</b> Alfalfa Caterpillar, Apache cicada, Armyworms, Asparagus beetle, Aster leafhopper, Bean leaf beetle, Chinch bug, Colorado potato beetle, Corn earworm, Corn rootworm Adult, Cowpea curculio, Cucumber beetle, Cutworms, European corn borer, Fall armyworm, Flea beetles, Grasshoppers, Green Cloverworm, Harlequin bug, Imported cabbageworm, Japanese beetle, Lace bugs, Leafhoppers, Lima Bean pod Borer, Lygus bugs, Melon worm, Mexican bean beetle, Pea weevil, Rednecked peanutworm, Sap Beetles, Southwestern corn borer, Spittlebugs, Squash bugs, Stink bugs, Sweet potato weevil, Three cornered alfalfa hopper, Thrips, Tomato hornworm, Tomato pinworm, Tortoise beetle, Velvetbean caterpillar, Webworms, Western bean Cutworm, Whitefringed Beetle (adults), Yellowstriped Armyworm		

- \* Application is only permitted within 30 days of crop emergence or the date of transplanting.  
 \*\* Do not use on fresh/succulent peas and beans.

### FRUIT CROPS

This product may be used as a spot treatment for localized pest infestations on the tree fruits listed below. Do not use on large trees or where pest populations are generally inaccessible to spray deposits, as inadequate performance will result. Direct spray toward upper and lower leaf surfaces and between fruit clusters and on small limbs and trunks to the point of runoff where pest appear.

Repeat applications as necessary up to a total of eight times for tree fruits or five times for small fruits, but not more often than once every seven days.

NOTE: To avoid undesired apple thinning delay use until at least 30 days after full bloom. CP CARBARYL INSECTICIDE SPRAY Ready-to-Use may injure early dawn and sunrise strawberry varieties on the Delmarva Peninsula. The number in parenthesis following each fruit and nut crop grouping refers to the minimum interval that must be observed between the date of the last application and the date of harvest.

TREE FRUITS	PESTS
Apples, Apricots, Cherries, Nectarines, Peaches, Pears, Plums, Prunes (3 days until harvest)	Apple aphid, Apple maggot, Apple mealybug, Apple pandemis, Apple rust mite, Apple sucker, Avocado Leafroller, Bagworms, Black Cherry Aphid, Black scale, Blueberry maggot, Brown soft scale, California red scale, Cherry fruitworm, Cherry maggot, Citrus cutworm, Citrus root weevil, Citricola scale, Citrus snow scale, Codling moth, Cucumber beetles, Cutworms, Eastern tent caterpillar, Eightspotted forester, European apple sawfly, European earwig, European raspberry aphid, Eyespotted budmoth, Forbes scale, Fruit tree leafroller, Grape berry moth, Grape leafroller, Grape leafhopper, Green fruitworm, Japanese beetle, June beetles, Leafhoppers, Leafrollers, Lecanium scales, Lesser appleworm, Lesser peachtree borer, Meadow spittlebug, Omnivorous leaftier, Orange tortrix, Oriental fruit moth, Oystershell scale, Peach twig borer, Pear leaf blister mite, Pear psylla, Pear rust mite, Periodical cicada, Plum curculio, Prune leafhopper, Raspberry sawfly, Red-banded leafroller, Rose chafer, Rosy apple aphid, Saltmarsh caterpillar, San Jose scale, Snowy tree cricket, Strawberry fruitworm, Strawberry weevil, Tarnished plant bug, Tentiform leafminers, Tussock moth, Variegated leafroller, Western grapeleaf skeletonizer, Western tussock moth, West Indian sugarcaneborer (adults), Western yellowstriped armyworm, White apple leafhopper, Wooly apple aphid, Yellow headed fireworm.
FRUITS	
Blackberries, Blueberries, Dewberries, Grapes, Raspberries, Strawberries (7 days Until harvest)	

### ORNAMENTAL TREES, SHRUBS, AND FLOWERS

This product may be used as a spot treatment for localized pest infestations on trees. Do not use on large trees or where pest populations are generally inaccessible to spray deposits. Direct spray toward the upper and lower leaf surfaces and small trunks, stems

and twigs to the point of runoff where pests appear. Repeat applications as necessary up to a total of four times for trees and six times for ornamental, shrubs, and flowers, but not more often than once every seven days.

ORNAMENTAL TREES, SHRUBS AND FLOWERS	PESTS
Ornamental Trees, Shrubs and Flowers	Ants (excluding harvester, carpenter, and pharaoh ants), Apple aphid, Armyworm, Azalea leafminer, Bagworms, Birch leafminer, Blister beetle, Boxelder bug, Boxwood leafminer, Browntail moth, Cankerworms, Catalpa sphinx, Chiggers*, Cooley spruce gall, Elm leaf aphid, Elm spanworm, Eriophyid mites, European pine- shoot moth, Fall armyworm, Flea beetles, Fuller rose beetles, Gall midges, Gall wasps, Grasshoppers, Green striped- Mapleworm, Gypsy moth, Hackberry nippegall makers, Holly budmoth, Holly leafminer, Jackpine budworm, Japanese beetle, Jeffrey pine needleminer, June beetles, Plant bugs, Lace bugs, Leafhoppers, Leafrollers, Locust borer, Maple leafcutter, Mealy bugs, Mimosa webworm, 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, Poinsettia horn worm, Psyllids, Puss caterpillar, Redhumped oakworm, Rose aphid, Rose chafer, Roseslug, Saddled prominent, Sawflies (exposed), Scale insects, Sowbugs, Spiny elm caterpillar, Springtails, Spruce budworm, Spruce needleminer, Subtropical pine tip moth, Tent caterpillar, Thorn bug, Thrips (exposed), Ticks*, Walnut caterpillar- Webworms, Western hemlock loopers, Western spruce budworm, Willow leaf beetles, Yellow poplar-weevil

\*Will kill pests that are present only at the time of application. Pest must be directly contacted for product to be effective.

#### Plant Response Precautions

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.

#### PESTS AROUND OUTDOOR RESIDENTIAL AREAS

This product may be used as a spot treatment around the outdoor perimeter of residential buildings. Thoroughly wet the outside perimeter of dwellings where pests tend to congregate. Use on lawns is prohibited. Will kill target pests that are present only at the time of application. Pest must be directly contacted for product to be effective.

NOTE: Staining may occur on certain surfaces such as stucco, brick, cinder block, and wood. Therefore, applications of this product to surfaces where a noticeable residue or discoloration is objectionable should be avoided.

PESTS
Ants (including imported red fire ants), Bees, Brown dog ticks, Centipedes, Cockroaches, Crickets, Earwigs, Firebrats, Fleas, Millipedes, Silverfish, Spiders

STORAGE AND DISPOSAL
<b>Pesticide Storage</b> Store unused product in an area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 100°F.
<b>Container Handling</b> <b>If empty:</b> Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. <b>If partly filled:</b> Call your local solid waste agency or 1-XXX-XXX-XXXX for disposal instructions. Never place unused product down any indoor or outdoor drain.

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**NOTICE**

Research and testing have determined that the "Directions for Use" are appropriate for the proper use of this product under expected conditions. To the extent consistent with applicable law, the Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

[Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.]

Sevin is a registered trademark of Bayer

[Optional language (only if required by the State of CA):

WARNING: This product contains carbaryl, a chemical known to the State of California to cause [cancer] and [reproductive harm] in laboratory animals.]

**Net Contents:**

**PRODUCED FOR:**



**Bayer Environmental Science**

A Division of Bayer CropScience LP  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709  
1-866-99BAYER (1-866-992-2937)

CP CARBARYL Insecticide Spray (Pending) 12/19/2013, 02/07/14