



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

Aug 29 2003

Mr. Adrian Krygsman
Bayer Environmental Science
A Business Group of BayerCropScience
95 Chestnut Ridge Road
Montavale, NJ 07645

Subject: Label Amendment: 2001-1 First Aid and Storage and Disposal
AES Carbaryl Insecticide Spray-RTU
EPA Reg. No. 432-1211
Submission dated May 21, 2003

Dear Mr. Krygsman:

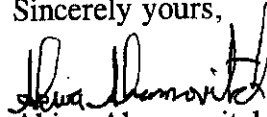
The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is accepted with the following comments:

- 1) Add "Use on fruit and vegetables gardens" or add the exclusionary statement "not for use on plants being grown for commercial purpose".
- 2) Revise the Precautionary Statements to say "Harmful if swallowed or inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse".
- 3) The Note to Physician should be updated to read "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.
- 4) Delete "For terrestrial uses" from the Environmental Hazards since only terrestrial uses are listed on your label.
- 5) Delete "protects like dust" claim.

A stamped copy "accepted with comments" of the label is enclosed for your records.

Please submit two (2) copies of the final printed before shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,



Akiva Abramovitch, Ph.D.

Chemist

Insecticide-Rodenticide Branch
Registration Division (7505C)

AES
CARBARYL INSECTICIDE SPRAY – RTU

ACCEPTED
with COMMENTS
In EPA Letter Dated:
AUG 29 2009

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 432-1211

- Ready to Use
 - Shake Well and Spray
 - Easy to Apply
 - Protects Like Dust
- Use on: Fruits, Trees, Vegetables, Ornamentals, Shrubs, Roses and Flowers
(See Inside Label for Detailed Listing)

Kills Japanese Beetles

- **Kills Over 100 Insect Pests:**
48 Different Insects on Vegetable Crops
74 Different Insects on Fruit Crops
80 Different Insects on Trees, Ornamentals, Shrubs, Flowers
15 Different Insects Around Buildings and Other Outdoor Areas

ACTIVE INGREDIENT:

Carbaryl (l-naphthyl N-methylcarbamate)..... 0.126%
 INERT INGREDIENTS..... 99.874%
 Total.....100.000%

Keep Out of Reach of Children
CAUTION
 See back panel for precautionary statements.

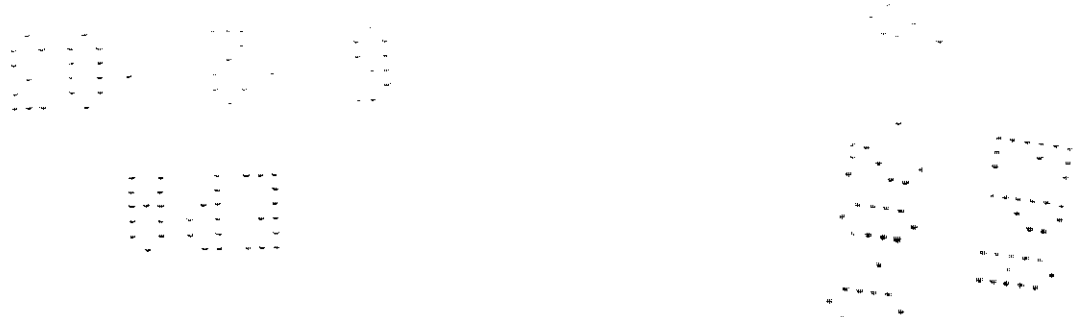
PRECAUCION AL USUARIO: Si usted no le ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

EPA Reg. No. 432-1211

EPA Est. 67572-GA-1

Net Contents _____ fl. Oz.

Manufactured by:
CONTRACT PACKAGING, INC.
P.O. Box 1508
Covington, GA 30209-1508



DIRECTIONS FOR USE

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

SHAKE CONTAINER BEFORE USING

Hold sprayer 8 to 12 inches from the area to be treated. Spray until surface is wet.

Apply when air is calm to avoid drift and contact with eyes and skin. This product is not recommended to be applied in mid-day sun or when temperatures exceed 85oF 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. Allow spray to dry in treated areas before reentering. 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

For control of all the vegetable pests listed below, apply this product in adequate volume to effectively cover both the upper and lower surfaces of the plant. NOTE: This product is not registered for use on celery and sweet potatoes in California.

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 season.

CROPS	PHI	APP	PESTS
Asparagus	1	3	Alfalfa Caterpillar Lima Bean pod Borer
Crowder peas, Southern peas	3	6	Apache cicada Lygus bugs
Corn, sweet	2	8	Armyworms Melon worm
Broccoli, Brussels sprouts, Cabbage Cauliflower, Chinese Cabbage, Kohlrabi	14	3	Asparagus beetle Aster leafhopper Mexican bean beetle
Eggplant Tomato	3	4	Bean leaf beetle Pea weevil
Black-eyed peas, Green beans, Lima beans, Navy beans, Snap beans, Cowpeas, Cucumber, Melons, Okra, Peas, Peppers, Pumpkin, Squash	3	6	Chinch bug Colorado potato beetle peanutworm Sap Beetles
Carrots, Dandelion, Garden beet tops, Garden beet tops, Horseradish, Parsnips Potatos, Radishes, Rutabagas, Salsify Roots, Turnip roots	14	3	Corn earworm Corn rootworm Adult Southwestern corn borer Spittlebugs Squash bugs
Sweet potatos	7	4	Cutworms Stink bugs
Peanuts	14	5	European corn borer Sweet potato weevil
Celery, Collards, Endive (Escarole), Hanover salads, Head lettuce, Kale, Leaf lettuce, Mustard Greens, Parsley, Salsify roots, Spinach Swiss chard, Turnip tops	14	3	Fall armyworm Flea beetles Three cornered alfalfa hopper Thrips
Dried beans	21	6	Green Cloverworm Harlequin bug Tomato hornworm Imported cabbage-

	Worm	Tomato pinworm
	Japanese beetle	Tortoise beetle
	Lace bugs	Velvetbean caterpillar
	Leafhoppers	Webworms
		Western bean Cutworm
		Whitefringed Beetle (adults)
		Yellowstriped Armyworm

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 control 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 either times for tree fruits and 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. Carbaryl insecticide 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.

FRUITS	PESTS	
TREE FRUITS	Apple aphid	Leafrollers
Apples, Apricots, Cherries, Nectarines, Peaches	Apple maggot	Lecanium scales
Pears, Plums, Prunes (3 days until harvest)	Apple mealybug	Lesser appleworm
	Apple pandemis	Lesser peachtree borer
	Apple rust mite	Meadow spittlebug
	Apple sucker	Omnivorous leaflet
	Avocado Leafroller	Strawberry fruitworm
	Bagworms	Omnivorous leaftier
	Black cherry aphid	Orange tortrix
	Black scale	

FRUITS

PESTS

SMALL FRUITS

Blackberries, Blueberries, Dewberries,
Grapes, Raspberries, Strawberries (7 days
Until harvest)

Blueberry maggot	Oriental fruit moth
Brown soft scale	Oystershell scale
California red scale	Oriental fruit moth
Cherry fruitworm	Oystershell scale
Cherry maggot	Peach twig borer
Citricola scale	Pear leaf blister mite
Citrus cutworm	Pear psylla
Citrus root weevil	Pear rust mite
Citrus snow scale	Periodical cicada
Codling moth	Plum curculio
Cucumber beetles	Prune leafhopper
Cutworms	Raspberry sawfly
Eastern tent caterpillar	Red-banded leafroller
Eightspotted forester	Rose chafer
European apple sawfly	Rosy apple aphid
European earwig	Saltmarsh caterpillar
European raspberry aphid	San Jose scale
Eyespotted budmoth	Snowy tree cricket
Forbes scale	Strawberry weevil
Fruitree leafroller	Tarnished plant bug
Grape berry moth	Tentiform leafminers
Grape leaffolder	Tussock moth
Grape leafhopper	Variiegated leafroller
Green fruitworm	Western grapeleaf skeletonizer
Japanese beetle	Western tussock moth
June beetles	Western yellowstriped armyworm
Leafhoppers	West Indian sugarcane borer (adults)
	White apple leafhopper
	Wooly apple aphid
	Yellow headed Fireworm

TREES, ORNAMENTALS, 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, as inadequate control will result. 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 ornamentals, shrubs and flowers, but not more often than once every seven days.

TREES		PESTS	
Trees	Ants	Hackberry nipplegall makers	Poinsettia horn worm
Including shading	Apple aphid	Holly budmoth	Psyllids
Shade trees	Armyworm	Holly leafminer	Puss caterpillar
Shelter belts,	Azalea leafminer	Jackpine budworm	Redhumped oakworm
Plantations,	Bagworms	Japanese beetle	Rose aphid
Parks and	Birch leafminer	Jeffrey pine needleminer	Rose chafer
Recreational areas	Blister beetle	June beetles	Roseslug
	Boxelder bug	Plant bugs	Saddled prominent
	Boxwood leafminer	Lace bugs	Sawflies (exposed)
Ornamentals	Browntail moth	Leafhoppers	Scale insects
Including Roses,	Cankerworms	Leafrollers	Sowbugs
Other herbaceous	Catalpa sphinx	Locust borer	Spiny elm caterpillar
Plants, Woody	Chiggers	Maple leafcutter	Springtails
Shrubs	Cooley spruce gall	Mealy bugs	Spruce budworm
	Elm leaf aphid	Mimosa webworm	Spruce needleminer
	Elm spanworm	Nantucket pine tip moth	Subtropical pine tip moth
	Eriophyid mites	Oak leafminers	Tent caterpillar
	European pine-shoot moth	Oak leaf skeletonizer	Thorn bug
	Fall armyworm	Oakworm complex	Thrips (exposed)
	Flea beetles	Oleander caterpillar	Ticks
	Fuller rose beetles	Olive ash borer	Walnut caterpillar-
	Gall midges	Orange-striped oakworm	Webworms
	Gall wasps	Orange tortrix	Western hemlock loopers
	Grasshoppers	Periodical cicada	Western spruce budworm
	Green striped-	Pine Sawfly	Willow leaf beetles
	Mapleworm	Pine spittlebug	Yellow poplar-
	Gypsy moth	Pitch pine tip moth	weevil

PEST CONTROL AROUND BUILDINGS AND OTHER OUTDOOR AREAS

This product may be used as a spot treatment around buildings such as homes, apartments, warehouses, barns and municipal and recreational areas to control the pest listed below. Thoroughly wet the outside perimeter of dwellings and other areas where pest tend to congregate.

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. Do not apply to carpets or draperies as staining may occur. Care should also be exercised to avoid spotting of wallpaper and fabrics.

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.

PESTS	
Ants	Firebrats
Bees	Fleas
Brown dog ticks	Millipedes
Carpenter ants	Scorpions
Centipedes	Silverfish
Cockroaches	Spiders
Crickets	Wasps
Earwigs	

STORAGE AND DISPOSAL

Storage: Store unused product in an area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 100oF. Disposal: **If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed. Avoid breathing 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 thoroughly after handling.

USER SAFETY REQUIREMENTS

- Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when applying this product.
- Wear a hat and eye protection when making overhead applications.
- Remove clothing immediately if pesticide soaks clothing. Change clothing as soon as possible after use.
- Wash the outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet. Do not allow children or pets to contact treated area until sprays have dried.

FIRST AID	
This product is a N-methyl carbamate and is a cholinesterase inhibitor	
If Swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.

<p>If Inhaled</p>	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>If in Eyes</p>	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
<p>If on Skin or Clothing</p>	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
<p>HOTLINE NUMBER</p>	
<p style="text-align: center;">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.</p>	
<p>NOTE TO PHYSICIAN</p>	
<p style="text-align: center;">CARBARYL is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal. DO NOT use 2-PAM, opiates or cholinesterase-inhibiting drugs.</p>	

Environmental Hazards

This product is extremely toxic to aquatic and estuarine invertebrates. For terrestrial uses do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

Bee Caution

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

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.

DO NOT PLANT ROTATIONAL FOOD AND FEED CROPS NOT LIST ON THIS OR OTHER CARBARYL LABELS IN CARBARYL TREATED SOIL.

Buyer assumes all risks of use. Storage or handling of this product not in strict accordance with this label. (CODE EPA)

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Sevin® is a registered trademark for Bayer CropScience for Carbaryl Insecticides For a Material Safety Data Sheet: Call 1-888-673-7577