

432-1211

08/12/2005

1/11

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

	United States	<input type="checkbox"/>	Registration	OPP Identifier Number
	Environmental Protection Agency	<input type="checkbox"/>	Amendment	
	Washington, DC 20460	<input checked="" type="checkbox"/>	Other	

Application for Pesticide - Section I

1. Company/Product Number 432-1211	2. EPA Product Manager John Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) AES Carbaryl Insecticide Spray - RTU	PM# 7	
5. Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science 2 T.W. Alexander Drive Research Triangle Park 27709 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed label in response to Agency letter dated _____	<b>NOTIFICATION</b> AUG 12 2005	<b>NOTIFICATION</b> AUG 12 2005
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.		
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.		

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

See attached

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Charles W. Boyd	Title Registrations Manager	Telephone No. (Include Area Code) (919) 549-2422
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamp)
2. Signature 	3. Title Registrations Manager	
4. Typed Name Charles W. Boyd	5. Date 7/29/05	

2/11

## Section II - Explanation

Bayer Environmental Science is submitting a **Notification** to add the following package related directions:

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

**Prepare to spray:** Point sprayer away from body. Adjust nozzle to desired setting, 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.

Please find enclosed a copy of the label with the changes marked by highlighting.

This notification is consistent with the provision of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA. —

**NOTIFICATION**

AUG 12 2005

3/11

NOTIFICATION  
AUG 12 2005

**AES**  
**CARBARYL INSECTICIDE SPRAY – RTU**

- Ready to Use
- Shake Well and Spray
- Easy to Apply
- Use on: Fruit and Vegetable Gardens, Trees, 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 (1-naphthyl N-methylcarbamate).....	0.126%
<b>INERT INGREDIENTS.....</b>	<b>99.874%</b>
<b>Total.....</b>	<b>100.000%</b>

**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

**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 nozzle to desired setting, 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.

### **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 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. 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.

5/11

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	14	3	Asparagus beetle	Mexican bean beetle
Cauliflower, Chinese Cabbage, Kohlrabi			Aster leafhopper	
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	Pea leaf weevil
Carrots, Dandelion, Garden beet tops, Garden beet tops, Horseradish, Parsnips	14	3	Colorado potato beetle	Rednecked peanutworm
Potatos, Radishes, Rutabagas, Salsify			Corn earworm	Sap Beetles
Roots, Turnip roots			Corn rootworm	Southwestern corn borer
Sweet potatos	7	4	Adult	Spittlebugs
Peanuts	14	5	Cowpea curculio	Squash bugs
Celery, Collards, Endive (Escarole), Hanover salads, Head lettuce, Kale, Leaf lettuce, Mustard Greens, Parsley, Salsify roots, Spinach	14	3	Cucumber beetle	Stink bugs
Swiss chard, Turnip tops			Cutworms	Sweet potato weevil
Dried beans	21	6	European corn borer	Three cornered alfalfa hopper
			Fall armyworm	Thrips
			Flea beetles	Tomato hornworm
			Grasshoppers	Tomato pinworm
			Green Cloverworm	Tortoise beetle
			Harlequin bug	Velvetbean caterpillar
			Imported cabbage-Worm	Webworms
			Japanese beetle	Western bean Cutworm
			Lace bugs	Whitefringed Beetle (adults)
			Leafhoppers	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.

6/11

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	
<b>TREE FRUITS</b>	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
	Apple rust mite	borer
	Apple sucker	Meadow spittlebug
	Avocado Leafroller	Omnivorous leafletier
	Bagworms	Strawberry fruitworm
	Black Cherry Aphid	Omnivorous leafletier
	Black scale	Orange tortrix

7/11

**FRUITS**

SMALL FRUITS

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

**PESTS**

- Blueberry maggot
- Brown soft scale
- California red scale
- Cherry fruitworm
- Cherry maggot
- Citricola scale
- Citrus cutworm
- Citrus root weevil
- 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
- Fruitree leafroller
- Grape berry moth
- Grape leaffolder
- Grape leafhopper
- Green fruitworm
- Japanese beetle
- June beetles
- Leafhoppers
- Oriental fruit moth
- Oystershell scale
- 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 weevil
- Tarnished plant bug
- Tentiform leafminers
- Tussock moth
- Variiegated leafroller
- Western grapeleaf skeletonizer
- Western tussock moth
- Western yellowstriped armyworm
- 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 nippegall 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.



9/11

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 100°F. 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 or inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

### 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.

19/11

<b>FIRST AID</b>	
<b>This product is a N-methyl carbamate and is a cholinesterase inhibitor</b>	
<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 Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further 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>
<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>HOTLINE NUMBER</b>	
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.	
<b>NOTE TO PHYSICIAN</b>	
<b>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.</b>	

#### **Environmental Hazards**

This product is extremely toxic to aquatic and estuarine invertebrates. 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.

14/11

**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)

Garden Tech ® is a registered trademark of Gulfstream Home and Garden, Inc.

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

B-9849a 082903



**Bayer Environmental Science**

**A Business Group of Bayer CropScience LP**

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