

100-1273

10-04-2010

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Thomas Parshley  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419

OCT - 4 2010

Subject: Label Notification(s) for Pesticide Registration Notice 98-10

Dear Mr. Parshley:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated May 18, 2010 for the following product(s):

**A14796 Insecticide**

**Reg. No. 100-1273**

The Registration Division (RD) has conducted a review of this request for applicability under PR Notice 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard J. Gebken".

Richard J. Gebken  
Product Manager  
Insecticide Branch  
Registration Division (7504P)

Please read instructions on reverse before completing form.

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

**Application for Pesticide - Section I**

1. Company/Product Number 100-1273	2. EPA Product Manager Mark Suarez	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) A14796 Insecticide	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419  <input type="checkbox"/> Check if this is a new address		6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">             NOTIFICATION              OCT - 4 2010           </div>

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<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.).  
 Notification of label change per June 4, 2009, letter from Environmental Protection Agency. This notification is consistent with the guidance in the June 4, 2009, letter and the requirements of EPA's regulations at 40 CFR part 156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C Sec. 1001 to willfully make any false statements to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR part 156 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.

**Section - III**

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

**Section - IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>		
Name Tom Parshley	Title Senior Regulatory Manager	Telephone No. (Include Area Code) 336-632-7207
<b>Certification</b> 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.		<b>6. Date Application Received (Stamped)</b>  o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o o
2. Signature  	3. Title  Senior Regulatory Manager	
4. Typed Name Tom Parshley	5. Date May 18, 2010	

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Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419-8300  
www.syngenta.com



**FedEx**

May 18, 2010

Document Processing Desk (NOTIF-PYRETHROID)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

**SUBJECT: A 14796 INSECTICIDE  
EPA REG. NO. 100-1273  
.....NOTIFICATION OF LABEL CHANGE PER JUNE 4, 2009, LETTER FROM ENVIRONMENTAL  
PROTECTION AGENCY**

Syngenta Crop Protection, Inc. is submitting Notification for A14796 Insecticide, EPA Reg. No. 100-1273. Syngenta is amending the Environmental Hazards and Directions for Use sections of the label by Notification according to the directions stated in the June 4, 2009, letter from EPA.

Attached are:

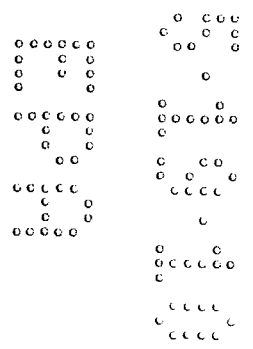
- One copy of the label with the changes clearly marked
- One unmarked copy of the label
- A CD of the unmarked copy of the label for Electronic Comparison and Review
- Completed EPA Form 8570-1.

Thank you in advance for approving this Notification. If you have any questions, please contact me at 336-632-7207.

Sincerely,

Tom Parshley  
Senior Regulatory Manager

Enclosures



(Master label)

**A14796 Insecticide**

**For Outdoor Use, Around Residential Sites Only**

Active Ingredient:	
Lambda-cyhalothrin <sup>1</sup> .....	0.5%
Other Ingredients:	99.5%
Total:	100.00%

<sup>1</sup>CAS No. 91465-08-6

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1273

EPA Est. xxxxx

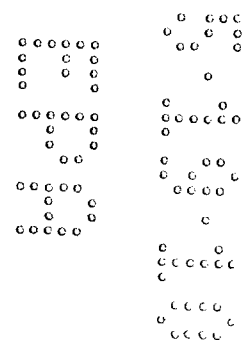
Product of the United Kingdom  
Formulated in the USA

SCP 1273A-M (Notif Pyrethroid Consumer)

Net Contents

**NOTIFICATION**

**OCT - 4 2010**



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**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

<b>FIRST AID</b>	
<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 swallowed</b>	<ul style="list-style-type: none"> <li>• Call a 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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call <b>1-800-888-8372</b>	

**Environmental Hazards**

This product is extremely toxic to fish. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash 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. Rinsing application equipment over the treated area will help avoid run-off to water bodies or drainage systems.

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

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

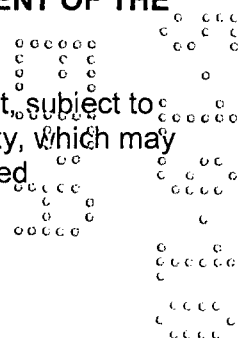
**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.



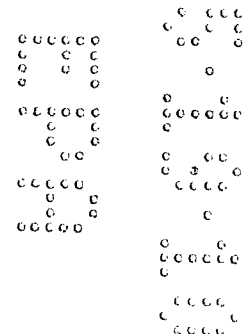
{Label language for all A14796 Insecticide labels}

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

- People and pets may re-enter after the treated area has been allowed to dry.
- In New York State, this product may not be applied to lawns within 100 ft. of a coastal marsh, or stream that drains directly into a coastal marsh.
- This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and recheck in a few hours. Do not use if any staining is observed.
- Kitchen utensils such as measuring cups and spoons should not be used for food purposes after use with pesticides.
- Do not allow applications to contact water inhabited by fish such as ornamental fish ponds.
- Do not water the treated area to the point of run-off.
- Do not make applications during rain.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  - 1 Treatment to soil or vegetation around structures;
  - 2 Application to lawns, turf, and other vegetation;
  - 3 Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches, and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.



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**HOW TO APPLY**

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- **Shake container well** before each use.
- **Determine size of spraying job.** For lawns and vegetables, measure the area to be sprayed. For ornamentals and fruit and nut trees, estimate the amount of spray mixture to provide thorough coverage of the foliage.
- **Carefully measure and mix** the amount of product and water as indicated in the use directions. It is always a good idea to wear water-resistant gloves when handling pesticides.
- **Spray as directed.** Thorough coverage is important. Spray just enough to cover treated area. Avoid over wetting.
- **Flush sprayer** with clean water after each use.

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**MEASUREMENT CONVERSIONS**

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1 Tablespoon = 3 teaspoons

1 fl. oz. = 2 Tablespoons or 6 teaspoons

1½ Tablespoons in 3 gallons of water = 1½ teaspoons in 1 gallon of water

2 Tablespoons in 3 gallons of water = 2 teaspoons in 1 gallon of water

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**LAWNS**

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**UNDERGROUND INSECTS/THATCH INFESTING INSECTS**

Black turfgrass (*Ataenius*) (adult)

Bluegrass billbug (adult)

Chiggers

Chinch bugs

Dung beetle

European crane flies

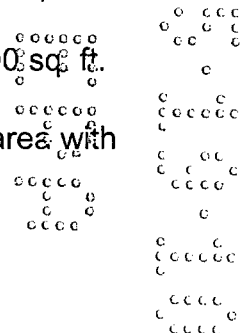
Hyperodes weevils (adult)

Mole crickets (nymphs and young adults)

White grubs (Japanese beetle, European chafer, Southern chafer)

**How to apply**

- Mix ½ fl. oz. (1 Tablespoon) in 1 gallon of water to [cover] [treat] 125 sq. ft.
- or
- Mix 4 fl. oz. (8 Tablespoons) in 8 gallons water to [cover] [treat] 1,000 sq. ft.
- [1 qt. of [A14796 Insecticide (Conc)] treats up to 8,000 sq. ft.]
- For sub-surface insect control (mole crickets, grubs), water treated area with additional ¼ to ½ inch of water for optimum results.
- Do not apply more than 7 times per year per location.





**SURFACE INSECTS**

- |                                              |                           |
|----------------------------------------------|---------------------------|
| Ants*                                        | Lawn moths (sod webworms) |
| Armyworms                                    | Millipedes                |
| Cockroaches                                  | Mites                     |
| Crickets                                     | Mosquitoes                |
| Cutworms                                     | Palmetto bugs             |
| Deer ticks (which may transmit Lyme Disease) | Sowbugs                   |
| Earwigs                                      | Spittlebugs               |
| Fleas                                        | Waterbugs                 |

**How to apply**

- Thoroughly wet down grass a few hours before applying [A14796 Insecticide (Conc)].
- Mix ½ fl. oz. (1 Tablespoon) in 1 gallon of water to [cover] [treat] 250 sq. ft.
- or
- Mix 2 fl. oz. (4 Tablespoons) in 4 gallons of water to [cover] [treat] 1,000 sq. ft.

**For heavy infestations:**

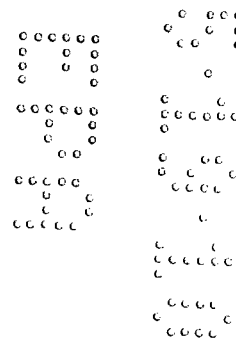
- Mix ¾ fl. oz. (1.5 Tablespoons) in 1 gallon of water to [cover] [treat] 250 sq. ft.
- or
- Mix 3 fl. oz. (6 Tablespoons) in 4 gallons of water to [cover] [treat] 1,000 sq. ft.
- [1 qt. of [A14796 Insecticide (Conc)] treats up to 16,000 sq. ft.]
- Delay additional watering or mowing for 24 hours after application for optimum control of surface insects.
- Do not apply more than 14 times per year per location.

**When to apply**

Treat the pest listed on the table during the months indicated or when first noticed.

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				Billbugs		Grubs					
				Hyperodes weevils							
				Dung beetle grubs							
Treat Ants* and other insects when they first appear or when you notice lawn damage.											

\*Argentine, Allegheny Mound, Black Carpenter, Cornfield, Field, Florida Carpenter, Honey, Nuisance, Pavement, and Southern Ants



**[NUSIANCE] PESTS OUTSIDE THE HOME**

**[HOME BARRIER TREATMENT]**

**Where to apply**

- to building foundation
- around windows, doors, service line entrances, eaves, and vents
- other areas where crawling insects can enter the building

**How to apply**

- Before you spray, remove debris and leaf litter from next to the foundation, cut back vegetation and branches that touch the foundation, and move or rake back rocks, deep mulch, or other material that could harbor pests next to the foundation.
- Mix ½ fl. oz. (1 Tablespoon) in 1 gallon of water. (1 gallon of spray mixture will treat 250 sq. ft. of surface area.)
- Apply a continuous band up to 3 ft. wide next to the foundation and to 3 ft. upwards along the foundation. Spray a continuous band around windows, doors, eaves and vents.
- Apply as a coarse spray to thoroughly and uniformly wet the foundation and/or band area.
- Repeat application every [8 weeks] [2 months].

**OUTDOOR SURFACES USE**

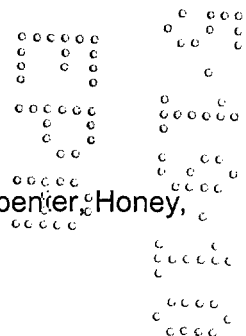
**Where to apply**

- ornamental plants next to the building foundation
- outside surfaces of buildings, porches, patios, garages
- screens, window frames, eaves
- other areas where pests are active

**Pests controlled**

- |             |               |
|-------------|---------------|
| Ants*       | Mosquitoes    |
| Centipedes  | Palmetto bugs |
| Cockroaches | Pillbugs      |
| Crickets    | Scorpions     |
| Deer ticks  | Sowbugs       |
| Fleas       | Spiders       |
| Millipedes  | Waterbugs     |

\*Argentine, Allegheny Mound, Black Carpenter, Cornfield, Field, Florida Carpenter, Honey, Nuisance, Pavement, and Southern Ants



**How to apply**

- Mix ½ fl. oz. (1 Tablespoon) in 1 gallon of water.
- Repeat application every [8 weeks] [2 months].
- Ants – Thoroughly wet ant hills and ant trails.

**FIRE ANT MOUNDS**

- Mix 2 fl. oz. (4 Tablespoons) in 1 gallon of water.
- Do not disturb the mound prior to treatment.
- Thoroughly wet each fire ant mound and surrounding area to a 4 ft. diameter.
- For best results, apply in cool weather, 65° to 80° F, or in the early morning or late evening.
- Kills the entire mound, including the queen, in 24 hours.
- Treat new mounds as they appear.

**ORNAMENTAL TREES, SHRUBS AND FLOWERS**

**For use on ornamental trees, shrubs and flowers such as but not limited to:**

Ageratum	English Ivy	Oak
Arborvitae	Euonymus	Orchid
Arizona Cypress	Exacum	Palm
Ash	Fir	Pansy
Aster	Gladioli	Pea Shrub
Azaleas	Gold Bells	Petunia
Begonia	Hawthorn	Philodendron
Birch	Holly	Pine
Box Elder	Honeysuckle	Plum (Ornamental)
Boxwood	Hypoestes	Poinsettia
Camellias	Ivy	Poplar
Carnations	Juniper	Rhododendron
Cherry (Ornamental)	Lilac	Roses
Chrysanthemums	Locust	Snapdragon
Coleus	Maple	Snowberry
Common Ninebark	Marigold	Spruce
Conifers	Mimosa	Taxus
Crepe Myrtle	Mock Orange	Tulip Poplar
Douglas Fir	Nannyberry	Weeping Fig
Elm	Non-bearing Citrus	Willow
		Zinnia

**Pests controlled**

Ants*	European sawfly	Pillbug
Armyworms	Fall webworm	Pine sawfly
Azalea caterpillar	Flea beetles	Pine shoot beetles
Aphids	Forest tent caterpillar	Pinetip moths
Bagworms	Gypsy moth larvae	Plant bugs
Black vine weevil (adult)	Japanese beetles (adults)	Root weevil
Box elder bugs	June beetles (adults)	Sawfly
Budworms	Lace bugs	Scale insects (crawlers)
California oakworm	Leaf-feeding caterpillars	Spiders
Cankerworms	Leafhoppers	Spittlebugs
Cockroaches	Leafminers (adults)	Striped beetles
Crickets	Leaf rollers	Striped oakworm
Cutworms	Leaf skeletonizers	Thrips
Eastern tent caterpillar	Midges	Tip moth
Elm leaf beetles	Oleander moth larvae	Tussock moth larvae

\*Argentine, Allegheny Mound, Black Carpenter, Cornfield, Field, Florida Carpenter, Honey, Nuisance, Pavement, and Southern Ants

**How to apply**

- Mix ¼ fl. oz. (½ Tablespoon) in 1 gallon of water.
- Apply as a thorough cover spray.

**Pests controlled**

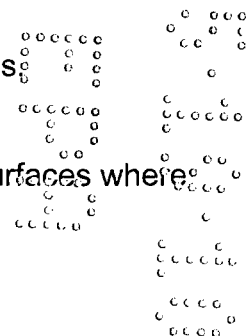
Broadmites	Mealybugs
Brown softscale	Pineneedle scale (crawler)
California redscale (crawler)	Spider mites
Clover mites	Whiteflies

**How to apply**

- Mix ½ fl. oz. (1 Tablespoon) in 1 gallon of water.
- Apply as a thorough cover spray.

**Use Tips for Ornamentals**

- For best results, apply early before insect populations are high.
- For scale control, treat entire plant, including stem, trunks and twigs.
- For bagworm control, apply when bagworm larvae begin to hatch.
- For best results, apply to both sides of plant leaves and all plant surfaces where insects are present.



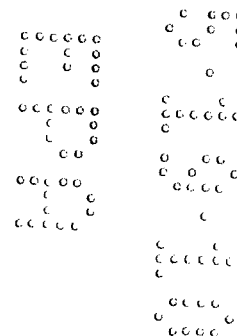
{Label language for Mix and Spray product labels only}

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## FRUIT and NUT TREES

For Use on	PHI*
Apricot	14
Almond	14
Apple	21
Beech Nut	14
Brazil Nut	14
Butternut	14
Cashew	14
Chestnut	14
Chickasaw Plum	14
Chinquapin	14
Crabapple	21
Damson Plum	14
Filbert (Hazelnut)	14
Hickory Nut	14
Japanese Plum	14
Loquat	21
Macadamia Nut (Bush Nut)	14
Mayhaw	21
Nectarine	14
Oriental Pear	21
Peach	14
Pear	21
Pecan	14
Plum	14
Plumcot	14
Prune	14
Quince	21
Sweet Cherry	14
Tart Cherry	14
Walnut, Black	14
Walnut, English (Persian)	14

\* PHI - Pre Harvest Interval: number of days to wait between last application and harvest.



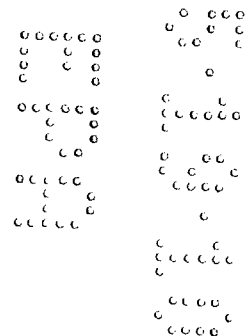
**Pest controlled**

American Plum Borer	Pear Psylla
Ants	Pear Sawfly
Apple Aphid	Pecan Aphids
Apple Maggot (Adult)	Pecan Casebearer species
Black Cherry Aphid	Pecan Phylloxera species
Cherry Fruit Flies (Adult)	Pecan Spittlebug
Chinch Bug	Pecan Weevil
Codling Moth	Periodical Cicada
Filbertworm	Plant Bugs
Green Fruitworm	Plum Curculio
Hickory Shuckworm	Rose Chafer
Japanese Beetle	Rosy Apple Aphid
June Beetle	San Jose Scale <sup>1</sup>
Leaffooted Bug	Spirea Aphid
Leafhoppers	Stink Bugs
Leafrollers	Tent Caterpillars
Lesser Appleworm	Tentiform Leaf Miners
Navel Orangeworm	Thrips
Omnivorous Leafroller	Tree Borers
Orange Tortix	Tufted Apple Budworm
Oriental Fruit Moth	Walnut Aphid
Peach Twig Borer	Walnut Husk Fly (adult)
Peachtree borers	Webworms

<sup>1</sup> Fruit infestations only

**How to apply**

- Mix ½ fl. oz. (1 Tablespoon) in 1 gallon of water to [cover] [treat] 300 sq. ft.
- Apply when insects appear or when damage occurs.
- Spray to wet all infested plant surfaces.
- **For fruit trees**, do not apply more than 9 times per year and only 5 times after blooms have formed.
- **For nut trees**, do not apply more than 6 times per year and only 5 times after blooms have formed.

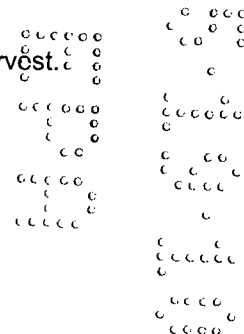


**VEGETABLES****How to apply**

- Mix ½ fl. oz. (1 Tablespoon) in 1 gallon of water and apply to 300 sq. ft.
- Apply when insects appear or when damage occurs.
- Spray to wet all infested plant surfaces.
- **For corn**, do not apply more than 5 times per growing season.
- **For all other crops**, do not apply more than 9 times per growing season.

For use on	PHI*
Beans, succulent (adzuki, asparagus, black-eyed pea, catjang, Chinese longbean, cowpea, crowder pea, lima, moth, mung, rice, runner, snap, Southern pea, tepary, urd, wax, yardlong)	7
Broccoli	1
Brussels Sprouts	1
Cabbage	1
Cauliflower	1
Cavalo Broccolo	1
Chinese Broccoli (gai lon)	1
Chinese Cabbage (napa)	1
Chinese Mustard Cabbage (gai choy)	1
Eggplant	5
Garlic	14
Ground Cherry	5
Kohlrabi	1
Lettuce (leaf and head)	1
Onion, bulb	14
Peas (dwarf, edible-pod, English, field, garden, green, snow, sugar snap)	7
Pepino	5
Peppers (bell and nonbell)	5
Popcorn	21
Sweet Corn	21
Tomatillo	5
Tomato	5

\*PHI – Pre Harvest Interval: number of days to wait between last application and harvest.



{Label language for Mix and Spray product labels only}

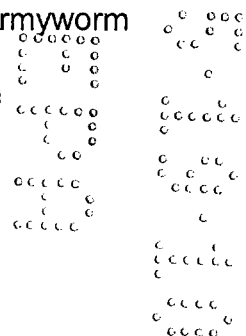
16  
25

**Pest Controlled**

- |                                             |                                       |
|---------------------------------------------|---------------------------------------|
| Alfalfa Caterpillar                         | Mexican Bean Beetle                   |
| Alfalfa Looper                              | Mexican Corn Rootworm Beetle (adult)  |
| Aphid                                       | Mexican Rice Borer <sup>1</sup>       |
| Armyworm                                    | Northern Corn Rootworm Beetle (adult) |
| Aster Leafhopper                            | Onion Maggot (adult)                  |
| Bean Leaf Beetle                            | Onion Thrips                          |
| Bean Leafskeletonizer                       | Painted Lady Butterfly (larva)        |
| Beet Armyworm                               | Pepper Weevil (adult)                 |
| Bird Cherry-Oat Aphid                       | Plant Bug, including Lygus Bug        |
| Blister Beetle                              | Rice Stalk Borer <sup>1</sup>         |
| Cabbage Looper                              | Saltmarsh Caterpillar                 |
| Cabbage Webworm                             | Sap Beetle (adult)                    |
| Cereal Leaf Beetle                          | Seedcorn Beetle                       |
| Chinch Bug                                  | Seedcorn Maggot (adult)               |
| Colorado Potato Beetle                      | Southern Armyworm                     |
| Common Cornstalk Borer                      | Southern Cabbageworm                  |
| Corn Earworm <sup>1</sup>                   | Southern Corn Leaf Beetle             |
| Corn Leaf Aphid                             | Southern Corn Rootworm Beetle (adult) |
| Corn Silkfly (adult)                        | Southwestern Corn Borer <sup>1</sup>  |
| Cucumber Beetle (adult)                     | Soybean Looper                        |
| Curculio and Weevil species <sup>1, 2</sup> | Spider Mite                           |
| Cutworm                                     | Stalk Borer <sup>1</sup>              |
| Diamondback Moth                            | Stink Bug                             |
| English Grain Aphid                         | Sugarcane Borer <sup>1</sup>          |
| European Corn Borer <sup>1</sup>            | Tarnished Plant Bug                   |
| Fall Armyworm                               | Threecornered Alfalfa Hopper          |
| Flea Beetle                                 | Thrips                                |
| Flea Hopper                                 | Tobacco Budworm <sup>1</sup>          |
| Flower Thrips                               | Tobacco Thrips                        |
| Grasshopper                                 | Tomato Fruitworm                      |
| Green Cloverworm                            | Tomato Pinworm                        |
| Greenbug                                    | Tomato Psyllid                        |
| Hop Vine Borer <sup>1</sup>                 | Vegetable Weevil (adult)              |
| Hornworm                                    | Velvetleaf Caterpillar                |
| Imported Cabbageworm                        | Webworm                               |
| Japanese Beetle (adult)                     | Western Bean Cutworm <sup>1</sup>     |
| Leafhopper                                  | Western Corn Rootworm Beetle (adult)  |
| Leafminer (adult)                           | Western Flower Thrips                 |
| Leaf-tier species                           | Western Yellowstriped Armyworm        |
| Lesser Cornstalk Borer <sup>1</sup>         | Whitefly                              |
| Looper species                              | Yellowstriped Armyworm                |
| Meadow Spittlebug                           |                                       |

<sup>1</sup>For control before the larva bores in to the plant stalk or ear.

<sup>2</sup>Foliage and pod feeding adults and larvae.





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## HOW TO APPLY

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- **Shake container well** before each use.
- **Connect a garden hose** to the [Hose End Sprayer] nozzle. Make sure the dial on the hose end sprayer is in the "OFF" position [with the safety tab in the valve notch].
- **Turn on water at faucet.** Extend hose to the farthest area to be treated and work back toward the faucet so you don't come in contact with the treated area.
- **To begin spraying,** point nozzle toward treatment area and [1.) bend the safety tab back with your thumb, 2.) hold safety tab back while turning dial counter clockwise until it stops.] turn the hose end sprayer to the "ON" position. Water will automatically mix with the product. [Optional graphic of hose end sprayer]
- **Spray until wet.** Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas.
- **To stop spraying,** quickly turn the [dial counter clockwise until it stops and the safety tab engages into the notch on the valve] [hose end sprayer to the "OFF" position]. Turn water off at faucet. To relieve pressure before removing nozzle from hose, [bend the safety tab back and turn dial "ON"] [turn the hose end sprayer to the "ON" position] until water stops spraying.

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## MEASUREMENT CONVERSIONS

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1 Tablespoon = 3 teaspoons

1 fl. oz. = 2 Tablespoons or 6 teaspoons

1½ Tablespoons in 3 gallons of water = 1½ teaspoons in 1 gallon of water

2 Tablespoons in 3 gallons of water = 2 teaspoons in 1 gallon of water

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## LAWNS

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### UNDERGROUND INSECTS/THATCH INFESTING INSECTS

Black turfgrass (*Ataenius*) (adult)

Bluegrass billbug (adult)

Chiggers

Chinch bugs

Dung beetle

European crane flies

Hyperodes weevils (adult)

Mole crickets (nymphs and young adults)

White grubs (Japanese beetle, European chafer, Southern chafer)

#### How to apply

- Use 1 qt. of [A14796 Insecticide (Conc)] to [cover] [treat] 8,000 sq. ft. of lawn.
- For sub-surface insect control (mole crickets, grubs), water treated area with additional ¼ to ½ inch of water for optimum results.
- Do not apply more than 7 times per year per location.



**SURFACE INSECTS**

- |                                              |                           |
|----------------------------------------------|---------------------------|
| Ants*                                        | Lawn moths (sod webworms) |
| Armyworms                                    | Millipedes                |
| Cockroaches                                  | Mites                     |
| Crickets                                     | Mosquitoes                |
| Cutworms                                     | Palmetto bugs             |
| Deer ticks (which may transmit Lyme Disease) | Sowbugs                   |
| Earwigs                                      | Spittlebugs               |
| Fleas                                        | Waterbugs                 |

**How to apply**

- Thoroughly wet down grass a few hours before applying [A14796 Insecticide (Conc)].
- Use 1 qt. of [A14796 Insecticide (Conc)] to [cover] [treat] 16,000 sq. ft. of lawn.
- Delay additional watering or mowing for 24 hours after application for optimum control of surface insects.
- Do not apply more than 14 times per year per location.

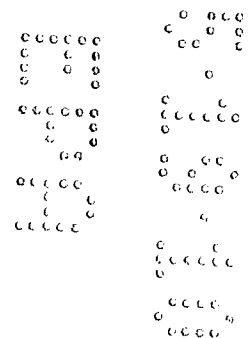
**When to apply**

Treat the pest listed on the table during the months indicated or when first noticed.

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				Billbugs		Grubs					
				Hyperodes weevils							
				Dung beetle grubs							

Treat Ants\* and other insects when they first appear or when you notice lawn damage.

\*Argentine, Allegheny Mound, Black Carpenter, Cornfield, Field, Florida Carpenter, Honey, Nuisance, Pavement, and Southern Ants



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25

**ORNAMENTAL TREES, SHRUBS AND FLOWERS**

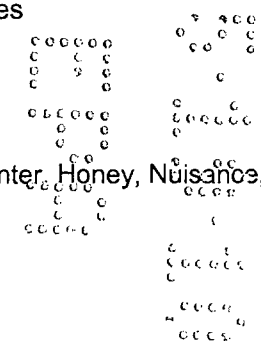
**For use on ornamental trees, shrubs and flowers such as but not limited to:**

- |                     |                    |                   |
|---------------------|--------------------|-------------------|
| Ageratum            | English Ivy        | Oak               |
| Arborvitae          | Euonymus           | Orchid            |
| Arizona Cypress     | Exacum             | Palm              |
| Ash                 | Fir                | Pansy             |
| Aster               | Gladioli           | Pea Shrub         |
| Azaleas             | Gold Bells         | Petunia           |
| Begonia             | Hawthorn           | Philodendron      |
| Birch               | Holly              | Pine              |
| Box Elder           | Honeysuckle        | Plum (Ornamental) |
| Boxwood             | Hypoestes          | Poinsettia        |
| Camellias           | Ivy                | Poplar            |
| Carnations          | Juniper            | Rhododendron      |
| Cherry (Ornamental) | Lilac              | Roses             |
| Chrysanthemums      | Locust             | Snapdragon        |
| Coleus              | Maple              | Snowberry         |
| Common Ninebark     | Marigold           | Spruce            |
| Conifers            | Mimosa             | Taxus             |
| Crepe Myrtle        | Mock Orange        | Tulip Poplar      |
| Douglas Fir         | Nannyberry         | Weeping Fig       |
| Elm                 | Non-bearing Citrus | Willow            |
|                     |                    | Zinnia            |

**Pest controlled**

- |                               |                            |                          |
|-------------------------------|----------------------------|--------------------------|
| Ants*                         | Elm leaf beetles           | Pine sawfly              |
| Armyworms                     | European sawfly            | Pine shoot beetles       |
| Azalea caterpillar            | Fall webworm               | Pinetip moths            |
| Aphids                        | Flea beetles               | Plant bugs               |
| Bagworms                      | Forest tent caterpillar    | Root weevil              |
| Black vine weevil (adult)     | Gypsy moth larvae          | Sawfly                   |
| Box elder bugs                | Japanese beetles (adults)  | Scale insects (crawlers) |
| Broadmites                    | June beetles (adults)      | Spider mites             |
| Brown softscale               | Lace bugs                  | Spiders                  |
| Budworms                      | Leaf-feeding caterpillars  | Spittlebugs              |
| California oakworm            | Leafhoppers                | Striped beetles          |
| California redscale (crawler) | Leafminers (adults)        | Striped oakworm          |
| Cankerworms                   | Leaf rollers               | Thrips                   |
| Clover mites                  | Leaf skeletonizers         | Tip moth                 |
| Cockroaches                   | Mealybugs                  | Tussock moth larvae      |
| Crickets                      | Midges                     | Whiteflies               |
| Cutworms                      | Oleander moth larvae       |                          |
| Eastern tent caterpillar      | Pillbug                    |                          |
|                               | Pineneedle scale (crawler) |                          |

\*Argentine, Allegheny Mound, Black Carpenter, Cornfield, Field, Florida Carpenter, Honey, Nuisance, Pavement, and Southern Ants



20  
25**How to apply**

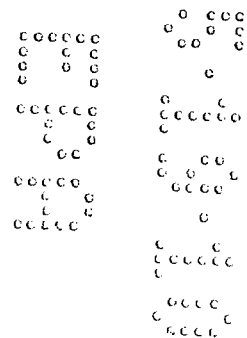
- Apply as a thorough foliar spray
- Wet leaves thoroughly but not to the point of runoff or dripping.
- Spray top and underside of leaves [and penetrate dense foliage] for best results.

**Use Tips for Ornamentals**

- For best results, apply early before insect populations are high.
- For scale control, treat entire plant, including stem, trunks and twigs.
- For bagworm control, apply when bagworm larvae begin to hatch.
- For best results, apply to both sides of plant leaves and all plant surfaces where insects are present.

**FRUIT and NUT TREES**

For Use on	PHI*
Apricot	14
Almond	14
Apple	21
Beech Nut	14
Brazil Nut	14
Butternut	14
Cashew	14
Chestnut	14
Chickasaw Plum	14
Chinquapin	14
Crabapple	21
Damson Plum	14
Filbert (Hazelnut)	14
Hickory Nut	14
Japanese Plum	14
Loquat	21
Macadamia Nut (Bush Nut)	14
Mayhaw	21
Nectarine	14
Oriental Pear	21
Peach	14
Pear	21
Pecan	14
Plum	14
Plumcot	14
Prune	14



{Label language for Hose End Spray product labels only}

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25

Quince	21
Sweet Cherry	14
Tart Cherry	14
Walnut, Black	14
Walnut, English (Persian)	14

\*PHI – Pre Harvest Interval: number of days to wait between last application and harvest.

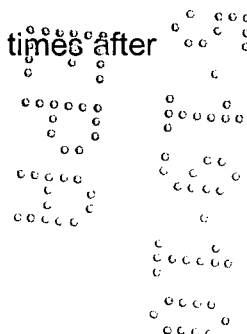
### Pest Controlled

American Plum Borer	Pear Psylla
Ants	Pear Sawfly
Apple Aphid	Pecan Aphids
Apple Maggot (Adult)	Pecan Casebearer species
Black Cherry Aphid	Pecan Phylloxera species
Cherry Fruit Flies (Adult)	Pecan Spittlebug
Chinch Bug	Pecan Weevil
Codling Moth	Periodical Cicada
Filbertworm	Plant Bugs
Green Fruitworm	Plum Curculio
Hickory Shuckworm	Rose Chafer
Japanese Beetle	Rosy Apple Aphid
June Beetle	San Jose Scale <sup>1</sup>
Leaffooted Bug	Spirea Aphid
Leafhoppers	Stink Bugs
Leafrollers	Tent Caterpillars
Lesser Appleworm	Tentiform Leaf Miners
Navel Orangeworm	Thrips
Omnivorous Leafroller	Tree Borers
Orange Tortix	Tufted Apple Budworm
Oriental Fruit Moth	Walnut Aphid
Peach Twig Borer	Walnut Husk Fly (adult)
Peachtree Borers	Webworms

<sup>1</sup> Fruit infestations only

### How to apply

- Use 1 qt. of [A14796 Insecticide (Conc)] to [cover] [treat] 19,200 sq. ft.
- Apply when insects appear or when damage occurs.
- Spray to wet all infested plant surfaces.
- **For fruit trees**, do not apply more than 9 times per year and only 5 times after blooms have formed.
- **For nut trees**, do not apply more than 6 times per year and only 5 times after blooms have formed.

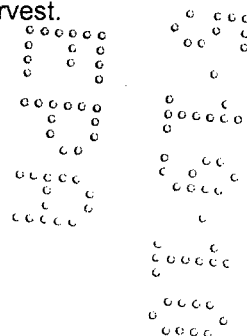


28  
25**VEGETABLES****How to apply**

- Apply as a thorough foliar spray
- Wet leaves thoroughly but not to the point of runoff or dripping.
- Try to spray underside of leaves and penetrate dense foliage.
- **For corn**, do not apply more than 5 times per growing season.
- **For all other crops**, do not apply more than 9 times per growing season.

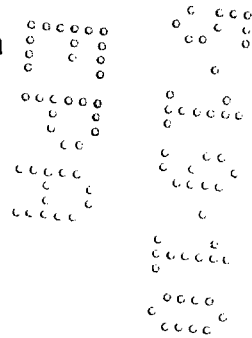
For use on	PHI*
Beans, succulent (adzuki, asparagus, black-eyed pea, catjang, Chinese longbean, cowpea, crowder pea, lima, moth, mung, rice, runner, snap, Southern pea, tepary, urd, wax, yardlong)	7
Broccoli	1
Brussels Sprouts	1
Cabbage	1
Cauliflower	1
Cavalo Broccolo	1
Chinese Broccoli (gai lon)	1
Chinese Cabbage (napa)	1
Chinese Mustard Cabbage (gai choy)	1
Eggplant	5
Garlic	14
Ground Cherry	5
Kohlrabi	1
Lettuce (leaf and head)	1
Onion, bulb	14
Peas (dwarf, edible-pod, English, field, garden, green, snow, sugar snap)	7
Pepino	5
Peppers (bell and nonbell)	5
Popcorn	21
Sweet Corn	21
Tomatillo	5
Tomato	5

\*PHI – Pre Harvest Interval: number of days to wait between last application and harvest.



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25**Pest controlled**

Alfalfa Caterpillar	Mexican Bean Beetle
Alfalfa Looper	Mexican Corn Rootworm Beetle (adult)
Aphid	Mexican Rice Borer <sup>1</sup>
Armyworm	Northern Corn Rootworm Beetle (adult)
Aster Leafhopper	Onion Maggot (adult)
Bean Leaf Beetle	Onion Thrips
Bean Leafskeletonizer	Painted Lady Butterfly (larva)
Beet Armyworm	Pepper Weevil (adult)
Bird Cherry-Oat Aphid	Plant Bug, including Lygus Bug
Blister Beetle	Rice Stalk Borer <sup>1</sup>
Cabbage Looper	Saltmarsh Caterpillar
Cabbage Webworm	Sap Beetle (adult)
Cereal Leaf Beetle	Seedcorn Beetle
Chinch Bug	Seedcorn Maggot (adult)
Colorado Potato Beetle	Southern Armyworm
Common Cornstalk Borer	Southern Cabbageworm
Corn Earworm <sup>1</sup>	Southern Corn Leaf Beetle
Corn Leaf Aphid	Southern Corn Rootworm Beetle (adult)
Corn Silkfly (adult)	Southwestern Corn Borer <sup>1</sup>
Cucumber Beetle (adult)	Soybean Looper
Curculio and Weevil species <sup>1, 2</sup>	Spider Mite
Cutworm	Stalk Borer <sup>1</sup>
Diamondback Moth	Stink Bug
English Grain Aphid	Sugarcane Borer <sup>1</sup>
European Corn Borer <sup>1</sup>	Tarnished Plant Bug
Fall Armyworm	Threecornered Alfalfa Hopper
Flea Beetle	Thrips
Flea Hopper	Tobacco Budworm <sup>1</sup>
Flower Thrips	Tobacco Thrips
Grasshopper	Tomato Fruitworm
Green Cloverworm	Tomato Pinworm
Greenbug	Tomato Psyllid
Hop Vine Borer <sup>1</sup>	Vegetable Weevil (adult)
Hornworm	Velvetleaf Caterpillar
Imported Cabbageworm	Webworm
Japanese Beetle (adult)	Western Bean Cutworm <sup>1</sup>
Leafhopper	Western Corn Rootworm Beetle (adult)
Leafminer (adult)	Western Flower Thrips
Leaftier species	Western Yellowstriped Armyworm
Lesser Cornstalk Borer <sup>1</sup>	Whitefly
Looper species	Yellowstriped Armyworm
Meadow Spittlebug	

<sup>1</sup>For control before the larva bores in to the plant stalk or ear.<sup>2</sup>Foliage and pod feeding adults and larvae.

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**STORAGE AND DISPOSAL**

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Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage**

Store in a cool, dry place. Keep container closed and away from food, feedstuffs, and domestic water supplies.

**Container Disposal**

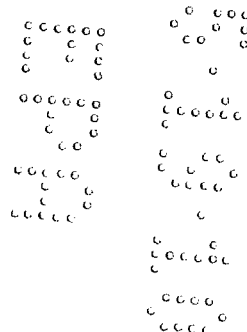
**If empty:** Do not reuse this container. Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or 1-800-888-8372 for disposal instructions. Never place unused product down any indoor or outdoor drain.

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**Optional Marketing Claims**

- [Protects Listed Areas:] [Protects] Lawns, Vegetables, Roses, Flowers, Trees, Shrubs
- [Wide Range of Control:] [Controls] Ants, Aphids, Chinch Bugs, Cutworms, Flea Beetles, Grubs, Mites, Sod Webworms & many others
- Controls tough outdoor insects
- Kills Lawn and Garden Insects including grubs, chinch bugs, European crane flies, fleas, fire ants, mosquitoes, sod webworms, aphids, Japanese beetles, whiteflies, ants, mites, deer ticks and other listed insects
- Kills grubs
- Keeps Killing Nuisance Pests Outside the Home for Up to [8 Weeks] [2 months]
- Keeps Killing Pests on Outdoor Surfaces for Up to [8 Weeks] [2 months]
- Up to 8 week Control of Nuisance Pests
- Low Odor [Formula]
- Kills Fast
- Fast Kill Formula
- Connect and Spray (Optional for hose-end sprayer)
- Spray Concentrate
- Concentrated Insect Spray
- Kills 130+ Pests [on Contact]
- \*Guaranteed Results or Your Money Back
- Satisfaction Guaranteed [or Your Money Back]
- [1 Quart] [Covers] [Treats] up to 16,000 square feet of lawn
- [1 Quart] Makes up to 128 gallons
- Water-based
- Long Lasting Formula
- Fast Acting Formula
- Soil and Turf Insecticide
- For Soil and Turf Insect Control
- For Broadcast and Barrier Use
- Controls Nuisance Pests Outside the Home
- Apply as a Barrier Treatment [Around the Home]
- Non-staining
- [Works] [Kills] in 24 Hours





{Label language for all A14796 product labels}

25  
25

- Kills Grubs in 24 Hours
- Broad Spectrum [Insect Killer] [Insecticide] [Concentrate]
- [Fast Acting] [Long Lasting] Formula
- Kills over 130 pests on contact
- For [Lawn] [Garden] Insects
- Kills Japanese Beetles Fast
- Long Lasting Protection From Insect Damage
- Kills Insects
- Kills Deer Ticks (which may transmit Lyme Disease)

#### Optional Fire Ant Claims

- Kills Fire Ants in 24 Hours
- Kills Fire Ant Mounds in 24 hours
- Kills the Queen
- Kills the Fire Ant Mound
- Kills the Queen and Mound
- Controls Fire Ants for up to Four Weeks

#### Optional Product Fact Box

##### PRODUCT FACTS

#### CONTROLS:


Kills Grubs, Ants, Fleas, Chinch Bugs, Mosquitoes, Sod Webworms, Aphids, Beetles, Whiteflies, Mites, Deer Ticks, Japanese Beetles, European Crane Flies, Fire Ants and Other Listed Insects

#### WHERE TO USE:

[icon outdoors] [Outdoor lawns,] [Landscape plants,] [Fruit and nut trees,]  
[Vegetables,] [Around the outside of the home]

#### QUESTIONS OR COMMENTS?

Call [800 number] or visit our Website at [www.\_\_\_\_\_.com]

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Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:  
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Greensboro, North Carolina 27419-8300  
[www.syngenta-us.com](http://www.syngenta-us.com)

SCP 1273A-M (Notif Pyrethroid Consumer)

A14796 1273A-M (Notif Pyrethroid Consumer) – pl –5/3/10

