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HAWAII
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Department of Agriculture
STATE OF HAWAII
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Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2014-2016 LIC. NO.

GORDON'S PROFESSIONAL
TURF & ORNAMENTAL PRODUCTS

Pull Here To Open Label

Azatrol™

EC Insecticide

In alliance with nature

BIOLOGICAL INSECTICIDE, REPELLENT, ANTIFEEDANT AND INSECT GROWTH REGULATOR

Botanical Product For Control of Insects on Indoor and Outdoor Vegetables, Ornamental Flowers, Trees, Shrubs, and Plants.

ACTIVE INGREDIENT:	
Azadirachtin	1.2%
OTHER INGREDIENTS:	98.8%
TOTAL	100.0%

Contains 0.0987 lb. azadirachtin per gallon.
Contains Azadirachtin from E.I.D. Parry.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Peel open for Precautionary Statements, First Aid and Use Directions.

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EPA REG. NO. 2217-836
EPA EST. NO. 2217-KS-1

Manufactured By
pbi/gordon corporation
An Employee-Owned Company
1217 West 12th Street
Kansas City, Missouri 64101
www.pbigordon.com

0 70251 66186 2

NET CONTENTS: ONE U.S. QUART

OCT 12 2004

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CAUTION

See next page for Precautionary Statements, First Aid and Use Directions.

READ ENTIRE LABEL BEFORE EACH USE. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin or if inhaled. Avoid breathing vapor. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

FIRST AID

If on skin or clothing:

- 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.

(Continued on page 4)

FIRST AID (continued)

If inhaled:
- 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.

If in eyes:
- 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

In case of emergency you may call toll free 1-877-800-5556 for additional treatment information.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish and aquatic 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 when cleaning equipment or disposing of equipment washwater.

Homeowner use: Do not apply directly to water. Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is

Coveralls
Waterproof gloves
Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

These requirements apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. For other uses, including golf courses and other non-agricultural uses, do not enter treatment areas without protective clothing until sprays have dried.

Read entire label. Use strictly in accordance with precautionary statements and directions, and with applicable state and federal regulations.

PRODUCT DESCRIPTION:
Azatrol™ EC Insecticide is a botanical product for control of insects on indoor and outdoor vegetables, ornamental flowers, trees, shrubs and plants.

PRODUCT MODE OF ACTION:
Azatrol™ EC Insecticide controls target pests on contact or by ingestion. The product acts on pests by way of repellence, antifeedance, and interference with the molting process. The buyer or user is reminded that the degree of efficacy of the product is largely dependent on weather conditions, intensity of pest population, area of application, type of pest, and physical stage of pests.

USE SITES
Azatrol™ EC Insecticide may be use on the following plants:

Leafy Vegetables, such as:	bok choy, broccoli, Brussels sprouts, cabbage, cauliflower, celery, collard, kale, kohlrabi, mustard greens, lettuce (head and leaf), rape greens, spinach, Swiss chard
Legume Vegetables, (Dry) such as:	beans, lentil, pea, chickpea, soybeans
Other Vegetables, such as:	beans (succulent), cucumber, eggplant, ginger, ground cherry, leek, pepper, potato, pumpkin, squash, sweet potato, tomato, yam
Miscellaneous Crops, such as:	asparagus, artichoke, avocado, grape, kiwi fruit, mango, melon, okra, papaya, persimmon, pineapple, strawberry, sunflower, water chestnut, watercress

Cereal Grains, such as:	barley, corn, millet, oats, popcorn, rice, rye, sorghum, wheat
Berries, such as:	blueberry, blackberry, currant, elderberry, gooseberry, huckleberry, loganberry, raspberry
Herbs and Spices, such as:	basil, black pepper, chamomile, chives, celery, coriander, curry leaf, dill, fennel, mint, marjoram, peppermint, rosemary, sage, spearmint, tarragon, thyme, wintergreen
Fruit and Nut Trees, such as:	almond, apricot, apple, cherry, filbert, grapefruit, lemon, lime, nectarine, peach, pear, pecan, plum, prune, quince, tangerine, walnut
Ornamentals, Flowers and Shrubs, such as:	amaranthus, aster, azalea, fern, fuschia, caladium, carnation, chrysanthemum, dahlia, daisy, lily ivy, ficus, gardenia, impatiens, iris, jasmine, lilac, marigold, philodendron, poinsettia, rose, zinnia
Ornamental Trees, such as:	ash, birch, cedar, cyprus, dogwood, fir, elm, juniper, maple, oak, pine, spruce

PESTS

Azatrol™ EC Insecticide may be used against the following pests:

HEMIPTERA AND HOMOPTERA such as Bugs, Leafhoppers, Whiteflies, Aphids
COLEOPTERA such as Beetles, Weevils
THYSANOPTERA such as Thrips
LEPIDOPTERA Moths, such as Leafrollers, Cutworms, Loopers, Armyworms
DIPTERA such as Flies, Midges
ACARINA such as Mites

General Information

Read all directions before using this product.

There are no restrictions on applying Azatrol™ EC Insecticide up to the time of harvest. However, do not exceed 20 grams active ingredient, 57 ounces, of Azatrol™ EC Insecticide per acre.

MIXING

Azatrol™ EC Insecticide has been found to be compatible with most commonly used pesticides and fertilizers. However, a compatibility test is recommended before using this product in a tank mix with other pesticides or with fertilizers. To test for compatibility, mix a small amount of each product, in the recommended proportions, in a small jar.

Azatrol™ EC Insecticide has been evaluated for phytotoxicity on a wide range of crops and ornamentals. However, since testing on all varieties of crops and ornamentals is not feasible, testing a small portion of the area to be treated for phytotoxicity is recommended before treating the entire area. Further, all possible combinations or

sequences of pesticide sprays, including other fertilizers, surfactants, adjuvants and other pesticides, have not been tested, thus testing for phytotoxicity of spray mixtures is recommended.

Ensure that mixing and spraying equipment is in sound operating condition. Add required amount of Azatrol™ EC Insecticide to a clean spray tank with at least one-half of the water to be sprayed. Constant or frequent intermittent agitation is recommended, particularly with tank mixes. Agitate the mixture thoroughly and then fill the tank with remaining water with additional agitation. Thorough mixing is necessary for uniform coverage. Non-uniform mixing can cause injury or can result in lowered effectiveness. For tank mixes, add pesticides/fertilizers to the tank containing Azatrol™ EC Insecticide spray mixture and agitate thoroughly. If tank mixture is allowed to sit, agitate again prior to application. The spray mixture pH should be 4 to 7 for good efficacy. Do no store spray mixture for an extended period.

APPLICATION INSTRUCTIONS

Dilute the product with water at 8.3 to 57 ounces of Azatrol™ EC Insecticide in 2 to 100 gallons of water per acre depending on the type of application equipment being used and the foliage to be covered **See table for more detailed information on recommended application rates.** Make application according to the table below. Use any suitable spray equipment to ensure uniform coverage.

For the most effective control, spray the product as soon as possible after pests appear and are in immature stages. Spray at an interval of seven to ten days or as the situation warrants. During high pest infestation levels use higher label rates and increase the spray frequency. Spraying in the morning or evening hours is recommended. Repeat spraying if rain occurs within two to three hours of spraying.

SPRAY DIRECTIONS

High Volume Application:

Use the high label rates when foliage is dense. Thorough and complete coverage of both sides of leaves is advised.

Low Volume or Ultra-Low Volume Application:

Thorough and complete coverage is essential for good efficacy.

Recommended Azatrol™ EC Insecticide Application Rates

Crop (See Use Sites Table)	Pest (See Pests Table)	Early Season	
		Ounces per Acre	Ounces per 1,000 Sq. Ft.
Brassica and Leafy Vegetables	lepidoptera	8.3-21	0.19-0.48
	all others	10.4-21	0.24-0.48
Root and Tuber Vegetables	beetles, weevils	4.9-11	0.11-0.26
	all others	10.4-21	0.24-0.48
Ornamental Shrubs and Plants	beetles, weevils	14-28	0.32-0.64
	all others	14-21	0.32-0.48
All Other Crops and Ornamental Trees	beetles, weevils	12.5-28	0.29-0.64
	thrips	12.5-21	0.29-0.48
	all others	11.5-21	0.24-0.48

Crop (See Use Sites Table)	Pest (See Pests Table)	Late Season	
		Ounces per Acre	Ounces per 1,000 Sq. Ft.
Brassica and Leafy Vegetables	lepidoptera	21-42	0.38-0.96
	all others	21-42	0.48-0.96
Root and Tuber Vegetables	beetles, weevils	10-22	0.22-0.51
	all others	21-42	0.48-0.96
Ornamental Shrubs and Plants	beetles, weevils	28-42	0.64-0.96
	all others	28-42	0.64-0.96
All Other Crops and Ornamental Trees	beetles, weevils	25-42	0.57-0.96
	thrips	21-42	0.48-0.96
	all others	21-42	0.48-0.96

Azatrol™ EC Insecticide can be applied as directed to any food or non-food crop up to and including the day of harvest, at a maximum rate of 57 ounces (20 grams active ingredient) per acre per application. Rates in the table pertain to typical pest infestations. For heavy late-season infestations, apply up to 57 ounces per acre (1.3 ounces per 1,000 square feet).

Equipment For Foliar Applications:
This product may be applied with hand-operated (manual) or power spray equipment suitable for low volume and/or high volume applications. Follow the recommendations of the equipment manufacturer when using backpack sprayers, hose-end sprayers, compression (pump-up) sprayers, and other garden sprayers suitable for foliar application of insecticides.

Do not apply this product through any type of irrigation system.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.

STORAGE: Do not store this product above 105°F or below -15°F for extended periods of time. Keep containers tightly closed and in original containers when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: *FOR PLASTIC CONTAINERS* – Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed, by state and local authorities by burning. If burned stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER.
The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

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