

[optional text]

ZOËCON® RF-329 ANT GROWTH REGULATOR

FOR CONTROL OF [PROTEIN and SUGAR FEEDING [PHARAOH] [AND][ARGENTINE] ANTS

Sterilizes egg-laying queens and prevents larval development

For use in refillable bait stations

Use around table and wine grape vines, [almond][pistachio][walnut][nut crops] avocado, citrus, and bearing and non-bearing fruit trees

A liquid concentrate for control of [Pharaoh] and [Argentine] ants in agricultural crops and structures

ACTIVE INGREDIENT:

(S)-Methoprene (CAS #65733-16-6)..... 4.9%

OTHER INGREDIENTS:..... 95.1%

Total 100.0%

This product contains 0.4 pounds/gallon (48 grams/liter) S-methoprene active ingredient

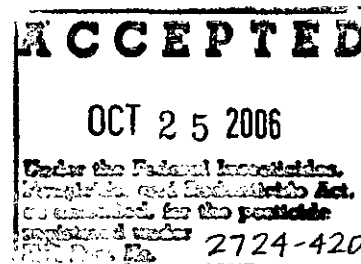
**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel for additional precautions

EPA Reg. No. 2724-420

EPA Est. No.

Net Contents:



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

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves

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

User Safety Recommendations:
 Users should:
 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.
 Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID	
Call a poison control center or doctor for treatment advice.	
If in eyes	<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. •
If on skin	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes.
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-[phone number] for emergency medical treatment information.	

[Note: First Aid statement paragraph format may be used if space is limited.]

ENVIRONMENTAL HAZARDS:

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 disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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.

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

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Chemical resistant gloves (made of any waterproof material)
- Shoes plus socks

GENERAL INFORMATION

Zoëcon RF-329 Ant Growth Regulator is a concentrated product to be mixed and diluted with a bait matrix for use in the control of ants. Zoëcon RF-329 Ant Growth Regulator contains an insect growth regulator (IGR) which acts on ant colonies by sterilizing egg-laying queens and preventing larval development. When foraging, worker ants bring treated bait back to the colony, the IGR is spread throughout the colony and is fed to the queen and larvae, which results in sterile eggs and prevents larvae from becoming adult workers. IGR's work slower than conventional products which provides a direct ant kill. Though slower in action, control is complete without the concern for rebounding or movement of the colony to another location. Reduction in colony size can be seen beginning at three weeks. When existing workers die, replacement workers are not produced resulting in starvation and elimination of the queen and colony.

Some ant species colonies, such as the Argentine ant, can be quite large and it is important that a continuous supply of treated bait be available. Monitor bait stations frequently to assess bait consumption and ant activity at the bait stations.

APPLICATION SITES:**Outdoor Use:**

Use Zoëcon RF-329 Ant Growth Regulator in, but not limited to, the following areas:

- Table grape vineyards
- Wine grape vineyards
- Almond and other nut groves
- Citrus groves
- Commercial nurseries including field grown and container stock
- Non-bearing and bearing fruit crops
- Row crops
- Residential turf and landscapes
- Perimeter areas of buildings, homes, sheds, kennels, barns, poultry houses, swine operations, dairies, and other areas where ants are a problem.

Indoor Use:

Use Zoëcon RF-329 Ant Growth Regulator to treat indoor ant infestations in these and other areas where ants are a problem.

- Homes
- Restaurants
- Taverns
- Food Service
- Hospitals
- Apartments
- Buildings
- Barns, poultry houses, dairies, swine operations
- Warehouses, food preparation and processing facilities

TREATMENT PROCEDURE AND BAITING INTENSITY**Indoor and outdoor perimeter applications**

The number of bait placements per area will vary with the intensity of infestation. For indoor and outdoor perimeter uses against *Phaorah* ants and small colonies of Argentine ants, the average baiting intensity is one bait placement per 3 m² (27 sq ft). Ensure that all infested areas are thoroughly baited. The amount of bait to use will vary with species and whether a liquid or solid bait is presented. For solid baits, use 1 – 2 grams of bait per location or 1-2 fluid ounces of liquid per location.

Outdoor applications**For baiting in vineyards, orchards, or other crop and non-crop areas****Sweet or liquid feeding ants**

Use bait stations that can hold 250 ml or more of liquid bait for large sweet feeding or liquid feeding ant colonies. Argentine ant colonies can be especially large so it is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement, monitor the bait stations and ant populations and replenish bait mixture as needed.

Ant pressure and intensity can vary between locations; contact local extension or university personnel to determine appropriate bait station placement and density.

Protein feeding ants

Apply bait in bait stations and place in locations of ant activity. It is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement, monitor the bait stations and ant populations and replenish bait mixture as needed.

Ant pressure and intensity can vary between locations, contact local extension or university personnel to determine appropriate bait station placement and density.

Bait Preparation

Thoroughly mix Zoëcon RF-329 Ant Growth Regulator with the required amount of bait as determined by the following table to attain a bait matrix containing 0.25% S-methoprene.

AMOUNT OF BAIT NEEDED	REQUIRED AMOUNT OF ZOËCON RF-329 ANT GROWTH REGULATOR
Six ounces	0.3 fl oz (9 ml)
1 gallon	6 fl oz (177 ml)
2½ gallons	16 fl oz (473 ml)
5 gallons	30 fl oz (887 ml)
10 gallons	60 fl oz (1,774 ml) (1.8 L)
20 gallons	120 fl oz (3,549 ml)(3.55 L)

Ant food preferences can be variable and can change during the year, in general, provide sweet baits for ants such as Argentine ants that prefer sweet foods such as honeydew and nectar. For ants such as Pharoah ants that primarily feed on proteins, provide a protein-based bait such as peanut butter or powdered liver. Pre-baiting the area with different foods can provide direction for the most optimal bait choice to begin a baiting program.

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

Storage: Store in a cool area away from children. **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Disposal: 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.

For information or in case of an emergency, call [phone number].

Seller makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use and handling of this material when such use and handling are contrary to label instructions.

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Made in USA

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