

1 of 4



Logic[®]

25 Pounds
Net Weight

Insect Growth Regulator Bait Formulation

For control of fire ants in certain nonbearing crops, on horse farms, and on noncropped and nongrazed areas on the farm

Active Ingredient: Fenoxycarb: (Ethyl [2-(4-phenoxyphenoxy) ethyl] carbamate) 1%

Inert Ingredients: 99%

Total: 100%

One lb. contains 0.15 oz. active ingredient.

EPA Reg. No. 100-722 EPA Est. 5905-GA-01

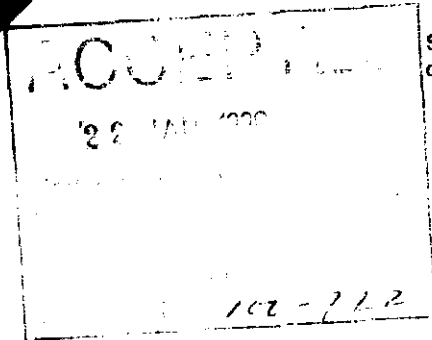
KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use on back of bag.

Product ID. **52005**

cibaTM



DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product. If terms are not acceptable, return the unopened container at once.

Conditions of Sale and Warranty

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However,

it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.

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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 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

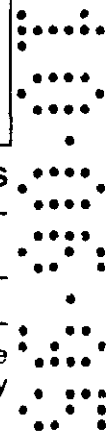
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not reenter treated areas until application is complete.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

General Information

Logic is an insect growth regulator with a mode of action specific to insects, and therefore has minimal influence on non-target organisms. Logic is very easy and convenient to apply (see use directions.)



Precautions: (1) Avoid application during excessively hot periods of the day or when the grass or other vegetation is wet. (2) Heavy rainfall within 2 or 3 hours of application may reduce effectiveness. (3) DO NOT APPLY TO PASTURE, RANGELAND, OR OTHER AREAS WHICH MAY BE GRAZED BY CATTLE, SHEEP, OR OTHER DOMESTIC ANIMALS EXCEPT HORSE FARMS. SPECIFIC DIRECTIONS FOR USE ON HORSE FARMS FOLLOW.

Application Sites

Logic may be applied to the following nonbearing crops: apples, avocados, blueberries, carambola, citrus, coffee, guava, lychee, mangoes, mamey sapote, nectarines, peaches, pecans, plums, and West Indian cherry. Nonbearing crops will not bear fruit for at least one year following application of Logic.

Logic may also be applied to horse farms, and to noncropped and nongrazed areas on the farm. Noncropped and nongrazed areas include areas around barns, outbuildings, fence rows, set aside acres, and other areas not grazed by livestock or used as crop land. Logic may be used on pasture, rangeland, or other grazed areas on horse farms only if horses are not used for human consumption.

Precautions: (1) Application to nonbearing crops is permitted up to one year before the first harvest. (2) Do not apply to the specified nonbearing crop more than twice per year.

Fire Ant Control

Logic is slow acting, but very effective for control of fire ants. Following application, Logic is collected by worker ants and distributed throughout the colony. Within 4-8 weeks, there is noticeable ant mortality and a continual decline of the fire ant colony. Applications made in the fall may take up to 12 weeks before decline of the colony occurs due to cooler weather.

Methods of Application

Apply Logic bait when ants are actively foraging. This is usually when soil temperatures are above 60°F. For best results, apply Logic in the spring prior to initial planting and make annual treatments each spring until one year before bearing.

In cases where reinfestation occurs or when very large mounds remain active, retreatment may be desirable after 3-4 months.

Single Mound Treatment: Apply 1-3 level tablespoons of Logic per mound, uniformly distributing material 3-4 feet around the mound. Do not contaminate kitchen utensils by use or storage.

Broadcast Application: Apply uniformly with ground equipment calibrated to give the correct dosage. Apply 1-1.5 lbs./A.

Aerial Application: Apply uniformly with aerial equipment calibrated to give the correct dosage. Apply 1-1.5 lbs./A. Do not apply when weather conditions favor drift from treated areas.

Big-Headed Ant (*Pheidole Megacephala*) Control

Broadcast Application: Apply Logic uniformly with ground or hand-held equipment calibrated to deliver the correct dosage. Apply 1-1.5 lbs./A. Treat surrounding areas, adjacent borders, and fence lines to help prevent ant migration into the treated area.

Retreat after 4-6 months, if needed.

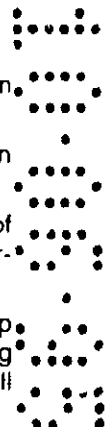
Storage and Disposal

Storage: Do not contaminate water, food, or feed by storage or disposal. Store away from heat. Keep package dry.

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: Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill, or, if allowed by state and local authorities, dispose of by incineration or burning. If bag is burned, stay out of smoke from burning container.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during clean up and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.



Precautionary Statements**Hazards to Humans and Domestic Animals****CAUTION**

Harmful if absorbed through skin or inhaled. Avoid breathing dust or contact with skin or clothing.

Statement of Practice: Treatment

If in eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

If on skin: Immediately flush skin with plenty of water. Get medical attention if irritation persists.

If inhaled: Remove victim to fresh air, or, if not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Personal Protective Equipment**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks

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

Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Drift and runoff from treated areas may be hazardous to aquatic invertebrates in adjacent aquatic sites. Do not apply directly to water, 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 wash waters.

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Ciba Crop Protection

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CGA 118L1G

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