

07 APR 1992

Agricultural Division  
CIBA-GEIGY Corporation  
P.O. Box 18300  
Greensboro, NC 27419-8300


Attn: Carolyn Bussey

Subject: Logic Fire Ant Bait  
EPA Registration No. 100-722  
Letter dated March 6, 1992

Dear Ms. Bussey:

The proposed amendment to the registration for the product cited above under The Federal Insecticide Fungicide and Rodenticide Act adding additional wording regarding non-crop areas to the label for Logic is acceptable. A stamped copy of the amended label is enclosed for your records. The supplemental labeling which you propose to use until new packaging can be prepared is also acceptable and a stamped copy of this labeling is also enclosed for your records.

Sincerely,

  
Richard F. Mountfort  
Product Manager (10)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

**ACCEPTED**  
**07 APR 1992**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 100-722

LOGIC<sup>®</sup>

Insect Growth Regulator

Bait Formulation

For control of fire ants in non-bearing citrus and in non-cropped and non-grazed areas on the farm.

Active Ingredient: Fenoxycarb: (Ethyl [2-(4-phenoxyphenoxy ethyl) carbamate].....	1%
Inert Ingredients:.....	99%
<b>Total:</b>	<b>100%</b>

One lb. contains 0.16 oz. active ingredient

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements at end of label.

EPA Reg. No. 100-722  
EPA Est. 602-MO-1

25 Pounds  
Net Weight

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and 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.

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## DIRECTIONS FOR USE

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

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 less influence on non-target organisms. LOGIC is very easy and convenient to apply (see use directions below.)

Precautions: 1) Avoid application during excessively hot periods of the day when the grass 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.

### Application Sites

Logic may be applied to non-bearing citrus and to non-cropped and non-grazed areas on the farm. Non-cropped and non-grazed areas include areas around barns, outbuildings, fence rows, set aside acres, and other areas not grazed by livestock or used as crop land.

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### FIRE ANT CONTROL ON NON-BEARING CITRUS AND IN NON-CROP AND NON-GRAZED AREAS ON THE FARM

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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 3 to 5 weeks, there is considerable ant mortality and a continual decline of the fire ant colony.

### Methods of Application

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

Precautions: 1) Do not apply within one year of the first citrus harvest. 2) Do not apply to non-bearing citrus more than twice per year.

**BEST AVAILABLE COPY**

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

Single Mound Treatment: Apply 1 to 3 level tablespoons of LOGIC per mound, uniformly distributing material 3 to 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 to 1.5 lbs./A.

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

BIG-HEADED ANT (PHEIDOLE MEGACEPHALA) CONTROL IN NON-CROPPED AND NON-GRAZED AREAS OF THE FARM

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

Retreat after 4 to 6 months, if needed.

Storage and Disposal

Storage: Do not contaminate 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 cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372 day or night.

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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. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Statement of Practical Treatment

In case of contact, immediately flush skin or eyes 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.

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 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.

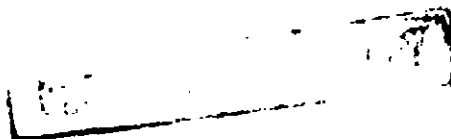
Logic<sup>®</sup> trademark of CIBA-GEIGY Corporation  
U.S. Patent No. 4,215,139

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CIBA-GEIGY Corporation  
Greensboro, North Carolina 27419

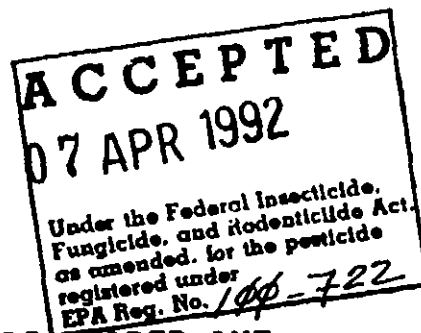
CGA 118L1 A032

March 6, 1992  
added non-cropped  
and non-grazed  
areas on the  
farm, revised  
precautionary  
statements and  
Statement of  
Practical  
Treatment per EPA  
letter of  
12/10/92



SUPPLEMENTAL LABELING

LOGIC<sup>®</sup>  
EPA REG. NO. 100-722



FOR CONTROL OF FIRE ANTS AND THE BIG-HEADED ANT  
IN NON-CROPPED AND NON-GRAZED AREAS ON THE FARM

In addition to the control of fire ants in non-bearing citrus, Logic may also be used to control fire ants and the big-headed ant (Pheidole megacephala) in non-cropped and non-grazed areas on the farm.

Non-cropped and non-grazed areas on the farm include areas around barns, outbuildings, fence rows, set aside acres, and other areas not grazed by livestock or used as crop land.

Precautions: 1) Avoid application during excessively hot periods of the day when the grass 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.

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FIRE ANT CONTROL IN NON-CROP AND NON-GRAZED AREAS ON THE FARM

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Methods of Application

Apply Logic bait when fire ants are actively foraging. This is usually when soil temperatures are above 60°F.

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

Single Mound Treatment: Apply 1 to 3 level tablespoons of Logic per mound, uniformly distributing material 3 to 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 to 1.5 lbs./A.

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

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BIG-HEADED ANT (PHEIDOLE MEGACEPHALA) CONTROL IN NON-CROP AND  
NON-GRAZED AREAS OF THE FARM

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Retreat after 4 to 6 months, if needed.

READ AND OBSERVE ALL PRECAUTIONS AND DIRECTIONS ON THE  
EPA-REGISTERED CONTAINER LABEL PRIOR TO USE OF THIS PRODUCT

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U.S. Patent No. 4,215,139

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