

DRAFT

(WPS)

(MASTER REGISTRATION LABEL NOT FOR USE ON CONTAINERS
SEPARATE LABELS: AWARD® FOR TURF, ORNAMENTALS,
AND NONCROP AREAS, AND LOGIC® FOR HOME LAWNS
AND LANDSCAPED AREAS AROUND THE HOME¹, CERTAIN
NONBEARING CROPS, HORSE FARMS, AND NON-CROPPED
AND NON-GRAZED AREAS ON THE FARM ARE
EXCERPTED FROM THIS MASTER LABEL)

¹-This use for subregistrants, not on Ciba's label

LOGIC® FIRE ANT BAIT
(ALTERNATE BRAND NAME AWARD®)

Insect Growth Regulator for Control of Fire Ants and Big-Headed
Ants in Turf*, Ornamentals, Non-Crop Areas, Non-Grazed Areas on
the Farm, Horse Farms, Sod Farms and Nurseries and Fire Ants in
Certain Nonbearing Crops

Active Ingredient: fenoxycarb: (Ethyl [2-(4-phenoxyphenoxy ethyl] carbamate)	1%
Inert Ingredients:	99%
Total:	100%

1 lb. contains 0.16 oz. active ingredient

KEEP OUT OF REACH OF CHILDREN

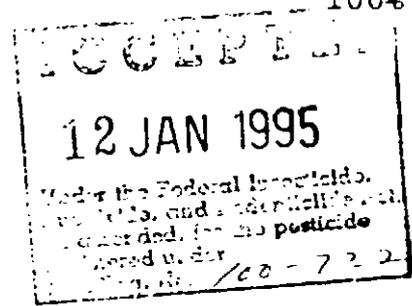
CAUTION

See right panel for Additional Precautionary Statements and
Directions for Use.

EPA Reg. No. 100-722
EPA Est.

*IN CALIFORNIA HOME LAWN USE ONLY

25 Pounds (Award and Logic) or 3 lbs. (Award)
5 lbs. (Logic)
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.

DIRECTIONS FOR USE

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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.

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, OR CROP INJURY.

General Information

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

Precautions: (1) Avoid application during excessively hot periods of the day or 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 EXCEPT HORSE FARMS. SPECIFIC DIRECTIONS FOR USE ON HORSE FARMS FOLLOW.

Application Sites*

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

Logic Fire Ant Bait may also be applied to turf and other non-agricultural land including, but not limited to airports, roadsides, school grounds, golf courses, parks, picnic grounds, sports fields, other recreational areas, ornamental gardens, cemeteries, and other landscaped areas.

Logic Fire Ant Bait may also be applied to home lawns and landscaped areas around the home.

Logic Fire Ant Bait may be applied 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.

Logic Fire Ant Bait may be used on pasture, rangeland, or other grazed areas on horse farms only if horses are not used for human consumption.

Logic Fire Ant Bait may also be used in and around container and field-grown ornamental and non-bearing nursery stock and on sod farms (commercial turf).

*IN CALIFORNIA, THE USE OF LOGIC FIRE ANT BAIT (ALTERNATE PRODUCT NAME AWARD) IS CURRENTLY LIMITED TO USE ONLY ON HOME LAWNS AND IN THE LANDSCAPED AREAS AROUND THE HOME. DO NOT USE LOGIC FIRE ANT BAIT (AWARD) IN CALIFORNIA ON OTHER SITES.

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 Fire Ant Bait is slow acting but very effective for control of fire ants. Following application, Logic Fire Ant Bait is collected by worker ants and distributed throughout the colony. Within 4 to 8 weeks, there is considerable 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 Fire Ant Bait when ants are actively foraging. This is usually when soil temperatures are above 60°F. Avoid application during excessively hot periods of the day or when grass or other vegetation is wet. Heavy rainfall within 2 or 3 hours of application may reduce effectiveness.

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 Fire Ant Bait 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

Broadcast Application: Apply Logic Fire Ant Bait 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. Allow 4 to 6 weeks for the insect growth regulator effect of Logic Fire Ant Bait to reduce the activity of the ant colonies.

Retreat after 4 to 6 months, if needed.

On home lawns and landscaped areas around the home

) Apply as directed.

For use on turf and other non-agricultural land

Other non-agricultural land includes but is not limited, to airports, roadsides, school grounds, golf courses, parks, picnic grounds, sports fields, other recreational areas, ornamental gardens, cemeteries, and other landscaped area.

Apply Logic Fire Ant Bait as directed above.

In nurseries and sod farms

) Apply Logic Fire Ant Bait as directed in and around container and field-grown ornamental and non-bearing nursery stock and commercial turf.

On non-cropped and non-grazed areas of the farm and on horse farms

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

Logic Fire Ant Bait may be applied to pastures, rangeland, and other grazed areas on horse farms only if horses are not used for human consumption.

Apply as directed above.

On non-bearing citrus, pecans, peaches, apples, nectarines, plums, mango, avocado, carambola, mamey sapote, guava, lychee and blueberry

Nonbearing crops are those that will not bear fruit for at least one year following the application of Logic.

Apply as directed. For best results, apply Logic Fire Ant Bait in the Spring prior to planting and make annual treatments each Spring until one year before bearing. Fire ant control in the tropical crops may require Spring and Fall treatments of Logic because of year-long fire ant activity.

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

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: (Logic and Award 25 lb. bag) 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.

Container Disposal: (Award 3 lb. and Logic 5 lb. plastic container) Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or if allowed by state and local authorities, dispose of by incineration or burning. If container 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 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.

Personal Protective Equipment (PPE):

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 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® trademark of Ciba-Geigy Corporation
U.S. Patent No. 4,215,139

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Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

CGA 118L1 (Logic 25 lbs.)
CGA 119L1 (Award 25 lbs.) all other uses
CGA 119L2 (Award 3 lbs.) all other uses
CGA 118L2 (Logic 5 lbs.)
CGA 118L3 (Logic 3 lbs.)

[GANNONC.LABELL]LOGIC-E - 11/16/94

March 11, 1992

Limited use to home lawns in CA for Award. Logic not registered in CA.

April 7, 1992

EPA accepted non-cropped and non-grazed areas on the farm, revised precautionary statements and statement of practical treatment per EPA letter of 12/10/91.

April 16, 1992

Revised Logic portion of label to permit use on pastures and other grazed areas of horse farms only if horses not used for human consumption. EPA approved 5/19/92.

) June 12, 1992

Revised Logic portion of label to permit use on other non-bearing crops: pecans, peaches, apples, nectarines, plums, mango, avocado, carambola, papaya, mamey sapote, guava, lychee, and blueberry. EPA accepted on 8/11/92 CGA 118L1C 082 and CGA 118L2 082.

March 16, 1993

Revised at EPA's request to delete papaya from non-bearing crops since they may set fruit at 6 months from planting (Logic).

7/93

WPS changes.

) 10/94

WPS changes per EPA letter dated 1/14/94 and received 7/94.

11/16/94

Added language noting product can also be used on home lawns and landscaped areas around the home for Logic subregistrants.

Base Label
(3 lbs. and 25 lbs.)

Logic®

Three Pounds
Net Weight

or

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 ¹ / ₂
Inert Ingredients:	99 ² / ₃
Total:	100 ² / ₃

One lb. contains 0.16 oz. active ingredient.

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

See directions for use in attached booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Harmful if absorbed through skin or inhaled. Avoid breathing

dust or contact with skin or clothing.

Statement of Practical 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.

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

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Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

CGA 118L3A 123 (3 lb.)
CGA 118L1E 123 (25 lb.)

[GANNONC.LABELL]LOGIC-E - 11/16/94

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 12/10/91 CGA 118L1A label accepted 4/7/92

May 19, 1992

Added use on horse farms for horses not used for human consumption

June 24, 1992

Proposed use on nonbearing pecans, peaches, apples, nectarines, plums, mango, avocado, carambola, papaya, mamey sapote, guava, lychee, West Indian cherry and blueberry accepted by EPA on 8/11/92.

April, 1993

Deleted papaya

September, 1993

Notified agency of new 1 lb. size.

December, 1993

Added WPS.

October, 1994

WPS changes as per EPA letter dated 1/14/94 and received 7/94.