

PM 03

100-894

3/13/98

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

March 13, 1998

Dr. Robert Wurz
Novartis Crop Protection, Inc.
P.O. Box 18300
Greensboro NC 27419-8300

Dear Dr. Wurz:

Subject: Amendment - Add Use in Citrus Groves and Ornamentals Nursery
Affirm® Fire Ant Insecticide
EPA Reg. No. 100-894
Your September 5, 1995 Submission

The labeling for the product referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

- 1. Revise the **Agricultural Use Requirements** Section to include the following:

“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 over short-sleeved shirt and short pants, chemical resistant gloves such as barrier laminate or butyl rubber, chemical resistant footwear plus socks, protective eye wear, and chemical resistant headgear for overhead exposure”.

- 2. Delete “aerial” from the **Broadcast Application** section.
- 3. Delete “used for human consumption” from the **Limitations** section.

A stamped copy of the label is enclosed for your records.

Sincerely,

George T. LaRocca
Product Manager (13)

CONCURRENCE Branch

Registration Division (7505C)

SYMBOL							
SURNAME		RPW					
DATE	Enclosure	3/13/98					

-CENTER PANEL-

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 13 1998

AFFIRM®
FIRE ANT INSECTICIDE

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
100-894

To Control Imported Fire Ants on Turf and Lawns,
in Citrus Groves and Ornamentals Nurseries,
on Horse Pastures, around Barns and Equipment, around Chicken Houses,
and Non-Crop Areas such as Parks and Golf Courses

ACTIVE INGREDIENT

Abamectin: [A mixture of avermectins containing ≥ 80% avermectin B_{1a} (5-0-demethyl avermectin A_{1a}) and ≤ 20% avermectin B_{1b} (5-0-demethyl-25-de (1-methylpropyl) -25- (1- methylethyl) avermectin A_{1a})].....0.011%*

INERT INGREDIENTS99.989%

* 1 lb of AFFIRM contains 50 mg abamectin

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Left Panel for Additional Precautionary Statements and Statement of Practical Treatment

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

EPA EST. NO. 39578-TX-1
EPA REG. NO. ~~618-94~~ 100-894

Made in U.S.A.

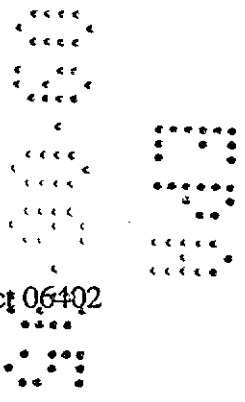
MERCK AgVet Division [logo]
Merck & Co., Inc.
Rahway, New Jersey 07065-0912, U.S.A.

AFFIRM is a registered trademark of Merck & Co., Inc.
Whitehouse Station, New Jersey, U.S.A.

25 lb

Product 06402

LOT



-LEFT PANEL-

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

Harmful if swallowed or absorbed through the skin. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **Personal Protective Equipment (PPE):** Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and 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.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Give one or two glasses of water and immediately induce vomiting by gently touching the back of the throat with finger or administer syrup of Ipecac. Do not give anything by mouth to an unconscious person. Get medical attention.

If on skin: Remove contaminated clothing and wash affected areas with soap and water.

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

For 24 hour emergency information, call the Merck National Service Center at 1-800-672-6372.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. 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 water, or rinsate.

STORAGE AND DISPOSAL

General: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Consult Federal, state or local disposal authorities for approved alternative procedures.

Storage Instructions: AFFIRM® may be an attractant to rodents and domestic animals. Store in a cool, secure, dry place. To maintain maximum effectiveness close container tightly after use and use within 5 months after opening.

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 empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONDITIONS OF SALE AND WARRANTY

Notice of 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. 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 MERCK or the Seller. Treatment may not be effective if tolerant strains of fire ants develop. Use of alternate treatments should be considered if treatment with this product proves ineffective. All such risks shall be assumed by the buyer.

MERCK 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. Buyer assumes all risks of use or handling which are at variance in any way with the directions hereon. Buyer's exclusive remedy shall be refund or replacement of any product found by MERCK to be defective. MERCK makes no other express or implied warranty. In no case shall MERCK or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product, regardless of the legal theory asserted, including negligence and/or strict liability. MERCK and the Seller offer this product and the buyer and user accept it, subject to the foregoing Notice of Warranty which may be varied only by agreement in writing signed by a duly authorized representative of MERCK.

-RIGHT PANEL-

DIRECTIONS FOR USE

It is a violation of Federal (U.S.A.) 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.

Observe all cautions and limitations on this label.

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). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

WHERE TO USE

To control imported fire ants on turf and lawns, in citrus groves and ornamentals nurseries, on horse pastures, around barns and equipment, around chicken houses, and non-crop areas such as parks and golf courses

HOW AFFIRM WORKS

AFFIRM® is formulated in an oil bait that functions as an attractant to imported fire ants.

AFFIRM® is a stomach insecticide which acts slowly to reduce fire ant colonies. An effective fire ant insecticide should be slow acting so that the bait can be passed by the workers throughout the ant colony and eventually to the queen. AFFIRM is toxic to fire ants; however, it is most effective against the fire ant queen and causes an immediate halt of egg production and disappearance of worker brood. The disappearance of worker ants leads to the decline and eventual elimination of the fire ant colony.

WHEN TO APPLY

Apply when ants are actively foraging [typically when soil temperatures are greater than 60 °F (15 °C)] or consult your state agricultural experiment station or state extension service for optimum timing of application. In cases where reinfestation occurs or when very large mounds remain active, retreatment may be desirable after 3 to 4 months. Apply after dew or rainfall has dried off for maximum effectiveness. For best results, do not apply if rainfall is anticipated within 4 to 6 hours after application.

NOTE: Allow 7 - 10 days after applying AFFIRM before using a contact insecticide. This allows worker ants time to distribute bait throughout colony.

HOW TO APPLY

Broadcast Application -- Apply one pound of AFFIRM per acre (1 lb/A) using properly calibrated aerial or ground equipment to assure proper dosage and uniform distribution.

Individual Mound Treatment -- For best results, use 5 to 7 tablespoons of AFFIRM per mound. Sprinkle the bait uniformly in a circle around the base of the mound out to a distance of approximately 2 to 4 feet. Do not apply directly to the top of the mound or disturb the ant mound. Apply at a rate of 1 lb of bait per acre. Do not contaminate kitchen utensils with this product.

LIMITATIONS -- Do not use in pastures or rangeland grazed by cattle, sheep or other domestic animals (including horses) used for human consumption. Do not use on croplands except citrus groves and outdoor ornamentals nurseries. Do not allow livestock to graze treated citrus groves. Do not use around chicken houses where birds are allowed outdoor range.