



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
Notification

Application for Pesticide - Section I

1. Company/Product Number 100-894	2. EPA Product Manager George LaRocca <i>S. L. E. W.</i>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Affirm® Fire Ant Insecticide	PM# <i>18 03</i>	
5. Name and Address of Applicant (Include ZIP Code) Novartis Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated February 13, 1997 _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION
MAY 14 1998

Explanation: Novartis has converted labels to new format. EPA required changes made. Addition of ant pests. All changes fall under notification according to PR 95-1, PR97-5 & PR97-6.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Metal <input type="checkbox"/>		<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
*Certification must be submitted		If "Yes" No. per Unit Packaging wgt. container	If "Yes" No. per Unit Packaging wgt. container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 25 lb		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Robert E.M. Wurz	Title Senior Regulatory Manager	Telephone No. (Include Area Code) 336-632-2391
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Robert E. M. Wurz</i>	3. Title Senior Regulatory Manager	
4. Typed Name Robert E. M. Wurz	5. Date April 29, 1998	

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NOTIFICATION

MAY 14 1998

(Master Label)

Affirm®

Fire Ant Insecticide

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

Active Ingredient:	
Abamectin (CAS No. 65195-56-4 and No. 65195-55-3)0.011%*
Other Ingredients:	99.989%
Total:	100.000%

*1 lb. of Affirm contains 50 mg abamectin

EPA Reg. No. 100-894

EPA Est. No. 39578-TX-1

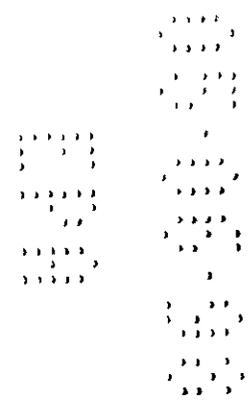
Made in U.S.A.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See left panel for additional Precautionary Statements and Statement of Practical Treatment.

NCP 894A-L1A 1297



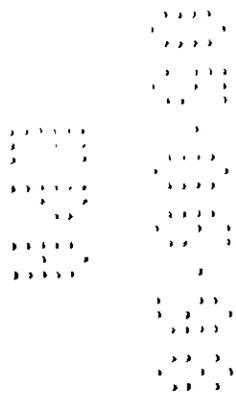
DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

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 product 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 Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis 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. **Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Novartis 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 Novartis.



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 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.

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 eyewear
- Chemical-resistant headgear for overhead exposure

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.

DIRECTIONS FOR USE

Where to Use

To control ants on turf and lawns, in citrus groves and ornamental 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 ants.

Affirm is a stomach insecticide which acts slowly to reduce ant colonies. An effective 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 ants; however, it is most effective against the 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 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 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.

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

STORAGE AND DISPOSAL

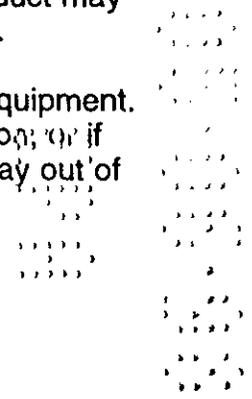
General: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Consult Federal, state, or local disposal authorities for approved alternative procedures.

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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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
- 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 1-800-888-8372.

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.

Affirm® trademark of Novartis
U.S. Patent No. 4,310,519

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Novartis Crop Protection, Inc.
Turf and Ornamental Products
Greensboro, North Carolina 27419

NCP 894A-L1A 1297

[QUARK/AFFIRM/AFFIRM] - ccg - 4/22/98

