

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 618-93	DATE OF ISSUE APR 18 1986
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT AFFIRM Fire Ant Insecticide Bait	

NOTICE OF PESTICIDE:  REGISTRATION  REREGISTRATION  
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (include ZIP code)

Merck Sharp & Dohme Research Laboratories  
 Division of Merck & Company, Inc.  
 Hillsborough Road  
 Three Bridges, NJ 08887

120/155918  
17/1

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase, "EPA Registration No. 618-93" to the label.
  - b. Revise the Environmental Hazard statement to read similar to the following:
 

This product is toxic to fish and wildlife.  
 Do not apply directly to any body of water.  
 Do not contaminate water by cleaning of equipment or disposal of wastes.
  - c. Change the term "non-agricultural" to "non-crop" throughout the labeling.
  - d. Delete the term "Other non-agricultural Areas." All intended sites must be specified. A statement similar to the following would be acceptable.

Other non-crop areas such as parks, golf courses, etc. . . .

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>[Signature]</i>	DATE 4/18/86
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50563; Heyward; LR-2; KENCO; 3/21/86; 4/2/86; TAR:MD  
 R:85933; Heyward; LR-2; KENCO; 4/14/86; 5/26/86; eg:VO

- e. A retreatment statement should be added to the label. We assume one application a year with possible retreatment in 3 to 4 months.
- f. The precautionary statement should be revised to read similar to the following:

Harmful if swallowed or absorbed through the skin. Avoid breathing dust. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

- g. The additional Statement of Practical Treatment should appear on the labeling:

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.

- h. Revise the pesticide disposal statement to read:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

- i. Change the common name from "Abamectin" to "Avermectin" in the ingredient statement. Abamectin is not an acceptable common name.

- j. Add the following statement to the label, "Limitations: Do not use in pastures, rangeland, or croplands."

2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosures

3086

Front Panel

AFFIRM<sup>TM</sup>

FIRE ANT INSECTICIDE BAIT

To control Imported Fire Ants on Turf, Lawns, and  
Non-Agricultural Areas

ACTIVE INGREDIENT

Abamectin [A mixture of avermectins containing > 80% avermectin B<sub>1a</sub>  
(5-0-demethyl-avermectin A<sub>1a</sub>) and < 20% avermectin B<sub>1b</sub>  
(5-0-demethyl-25-de(1-methylpropyl)-25-(1-methylethyl)avermectin  
A<sub>1a</sub>)].....0.011%

INERT INGREDIENTS.....99.989%

1 lb of AFFIRM contains 50 mg abamectin

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel for Additional Precautionary Statements

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

EPA Est. No. 3957B-TX-1

EPA Reg. No. 618-OG

5-15-85

Lot

Made in U.S.A.

MSD AGVET  
Division of MERCK & CO., INC.  
Rahway, New Jersey 07065, U.S.A.

NET WEIGHT 25 POUNDS  
06401

Product

(italics)

**(bold face)**

ACCEPTED  
with COMMENTS  
to EPA Letter Dated:

APR 18 1985

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

618-93

Side Panel

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

CAUTION

Harmful if swallowed. Wash thoroughly after handling.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Give 1 or 2 glasses of water and immediately induce vomiting by gently touching back of throat with finger or administer syrup of Ipecac. Do not give anything by mouth to an unconscious person. Get medical attention.

For 24-hour emergency information, call Merck & Co., Inc. (215) 661-5000.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Keep out of lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

It is a violation of Federal (U.S.A.) law to use this product in a manner inconsistent with its labeling.

Observe all cautions and limitations on this label.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. 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: Pesticides that cannot be used should be disposed of in a landfill approved for pesticides, or buried in a safe place away from water supplies.

Container

Disposal: Dispose of in an incinerator or approved landfill or bury in a safe place.

General: Consult Federal, state or local disposal authorities for approved alternative procedures.

TO CONTROL IMPORTED FIRE ANTS ON TURF, LAWNS, AND NON-AGRICULTURAL AREAS

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

Side Panel

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.

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.

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.

**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** - Use 5 to 7 tablespoons of AFFIRM per mound. Sprinkle the bait uniformly over the mound and for a distance of approximately 2 feet out from the base of the mound. Apply at a rate of 1 lb of bait per acre. Do not contaminate kitchen utensils with this product.

**CONDITIONS OF SALE AND WARRANTY**

Notice of Warranty - The Directions for Use of the 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 MSD AGVET or the Seller. All such risks shall be assumed by the buyer.

MSD AGVET 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 and handling which are at variance in any way with the directions hereon. MSD AGVET makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall MSD AGVET or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. MSD AGVET 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 MSD AGVET.

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