



U.S. ENVIRONMENTAL PROTECTION
AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(Under FIFRA as amended)

EPA Reg.
Number:
279-3300

Date of
Issuance:

MAR 29 2007

Term of Issuance:
Conditional

Name of Pesticide Product:
F0570 0.15 Granular
Insecticide

Name and Address of Registrant (include ZIP Code):

FMC Corporation
1735 Market Street
Philadelphia, PA 19103

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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:

1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

Signature of Approving Official:

Date:

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2. You will make the following label changes before you release the product for shipment:

- a. Revise the EPA Registration Number to read "EPA Registration Number 279-3300."
- b. Revise the beginning of the first sentence on the front panel to read, "Only for Use and Storage by commercial applicators... etc."
- c. Under Directions for Use combine the WPS exclusionary statements to read as follows, "Not for use on plants being grown for sale or other commercial use or for commercial seed production or for research purposes. Not for use on golf courses, sod farms, nurseries or commercial greenhouses. For use on plants intended for aesthetic purposes or climate modification and being grown in ornamental gardens or parks, or lawns or grounds."
- d. The second paragraph under Directions for Use is confusing in that it lists a maximum ai per acre per application on residential use sites. Is there a reason for this? If not delete this paragraph since the third paragraph identifies the maximum cap of 0.15 pounds ai per acre per year.
- e. Under footnote 5 "add 1/3-1/2 cup of F0570 0.15 Granular Insecticide" to the mound directions.
- f. You may delete, "Wear protective eyewear" statement in the Precautionary Statements.
- g. Under Environmental Hazards replace all the statements following the first sentence with, "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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters."
- h. Replace the pesticide disposal paragraph. The current language is not appropriate for a granular product in paper or plastic bags.
- i. Revise the container disposal paragraph. The current language is not appropriate for a granular product in paper or plastic bags.

ACUTE TOXICITY REVIEW

STUDY	MRID	CATEGORY	CLASSIFICATION
Acute Oral	46436309	IV	cited
Acute Dermal	46436303	IV	cited
Acute Inhalation	46436304	IV	cited
Eye Irritation	46436305	III	cited
Dermal Irritation	46436306	III	cited
Dermal Sensitization	46436310	negative	cited

A copy of the review is enclosed for your records.

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3. You must submit a one year storage stability (830.6317) and a corrosion characteristics (830.6320) study on the proposed product. A hard copy of the results must be submitted to the Agency along with an electronic copy. You have indicated that these studies are ongoing.

4. Please submit two (2) copies of your final printed labeling before releasing the product for shipment. 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 bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

5. Please submit an updated data matrix that addresses efficacy data in support of the claims for public health pests i.e., fire ants, centipedes, fleas and ticks. We regret that this was overlooked in our initial review. Upon receipt and review of this additional information there may be additional label changes.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

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F0570 0.15 Granular Insecticide

Only for sale to, use, and storage by commercial applicators for use to control Ants (including Imported Fire Ants), Mole Crickets and other Insect pests on lawns in landscaped areas and perimeters around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

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EPA Est. 279-

Active Ingredient:

* S-Cyano (3-phenoxyphenyl)methyl
(+) cis/trans 3-(2,2-dichloroethenyl)-
2,2 dimethylcyclopropane carboxylate*.....0.15%
Inert Ingredients.....99.85%
100.0%

* Cis/trans ratio: Max. 75% (±) cis and min. 25% (±) trans

By Wt.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See other panels for additional precautionary information.

FIRST AID

If on Skin or Clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If in Eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN

This product is a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-331-3148 for emergency medical treatment information.

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 29 2007

FMC®

FMC Corporation
Agricultural Products Group
Philadelphia PA 19103
F0570 0.15 Granular MARCH 26, 2007

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

279-3300

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Caution

Avoid contact with skin or clothing. Causes moderate eye irritation. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid contact with eyes or clothing.

Environmental Hazards

This pesticide is extremely toxic to fish, aquatic invertebrates, oysters and shrimp. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or regional office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Not for use on plants being grown for sale of other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climate modification and being grown in interior landscapes, ornamental gardens or parks, or lawns or grounds.

Do not apply more than 0.15 pounds active ingredient (a.i.) per acre per application on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, pre-schools or day care facilities). May be applied at up to 0.15 lb. a.i. per acre per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields).

Do not broadcast apply more than 0.15 pounds a.i. (100 lbs. F0570 0.15G Granular Insecticide) per Acre per year.

Not for use on golf courses, sod farms, nurseries, in commercial greenhouses or on grass grown for seed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage

Store in original containers only. Store in a dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

Call FMC: (800) 331-3148.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Do not cut or weld metal containers. Returnable/Refillable Containers: Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase.

LAWN AND PERIMETER APPLICATIONS

Lawn Application: Broadcast F570 0.15 Granular insecticide with suitable application equipment to ensure uniform coverage over the treatment area.

APPLICATION RATES

The application rates listed in the following table will provide excellent control of the respective pests under typical conditions. Use the higher rate in each range for longer residual control.

Pest	Active ingredient lbs. per acre	Application Rate F0570 0.15G	
Armyworms ¹ Cutworms ¹ Sod Webworm ¹	0.075 lbs. A/I/A	50 lbs. per acre	1.15 lbs. per 1000 sq. ft.
Annual Bluegrass Weevil (Hyperodes) (Adult) Billbugs (Adult) Black Turfgrass Ataenius (Adult) ² Mealybugs	0.075 - 0.15 lbs. A/I/A	50 - 100 lbs. per acre	1.15 - 2.3 lbs. per 1000 sq. ft.
Ants Centipedes Chinch Bugs ³ Fleas (Larvae) ⁴ Fleas (Adult) Imported Fire Ants (Adult) ⁵ Imported Fire Ants (Mounds) ⁵ Millipedes Mole Cricket (Adult) ⁶ Mole Cricket (Nymph) ⁷ Ticks ⁸	0.075 - 0.15 lbs. A/I/A	50 - 100 lbs. per acre	1.15 - 2.3 lbs. per 1000 sq. ft.
Pillbugs Sowbugs European crane flies	0.15 lbs. A/I/A	100 lbs. per acre	2.3 lbs. per 1000 sq. ft.

Footnotes:

¹ Armyworms, Cutworms, and Sod Webworms: To ensure optimum control, irrigate the treated area with up to 0.1 inches of water immediately after application to activate (release from the granule) the insecticide. Consult your State Cooperative Extension Service for more specific information regarding application timing.

² Black Turfgrass Ataenius adults: For effective control, treat both first and second generation adults. Consult your State Cooperative Extension Service for more specific information regarding application timing.

³ Chinch Bugs: For optimum control irrigate the treated area with up to 0.25 inches of water immediately after application to activate (release from the granule) the insecticide.

⁴ Flea larvae: For optimum performance irrigate the treated area with up to 0.5 inches of water immediately after application to activate (release from the granule) the insecticide.

⁵ Imported Fire ants: Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments that will eliminate existing colonies. Maximum performance is achieved if soil is moist prior to application. Broadcast treatments should apply up to 0.15 lb A/I/A (2.3 lbs. of F0570 0.15 Granular Insecticide per 1000 sq. ft.). Mounds should be treated by applying 1/5 cup of F0570 0.15G Insecticide per mound and then drenching the mound with 1 to 2 gallons of water. The mounds should be treated with sufficient force to break their apex and allow the insecticide solution to flow into the ant tunnels. A four foot diameter circle around the mound should also be treated. For best results, apply in cool weather (65 - 80° F) or in early morning or late evening hours.

⁶ Mole Cricket adults: For optimum performance, make applications as late in the day as possible and water in with up to 0.5 inches of water immediately after treatment. If the soil is dry performance will be

improved by irrigating before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized. Grass areas that receive pressure from adult mole crickets should be treated at peak egg hatch to ensure optimum control of subsequent nymph populations (see below).

⁷ Mole Cricket nymphs: For maximum control, treat immediately prior to peak egg hatch. Control of larger, more damaging nymphs later in the year may require both higher application rates and more frequent applications to maintain acceptable control. For maximum control, Apply as late in the day as possible and water in with up to 0.5 inches of water immediately after treatment. If the soil is dry, performance will be improved by irrigating before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized.

⁸ Ticks (including ticks that transmit Lyme Disease and Rocky Mountain Spotted fever): Do not make spot applications. Treat the entire area where exposure to ticks may occur. Use higher application rates when treating areas with dense ground cover or heavy leaf litter. Ticks may be reintroduced from surrounding areas on host animals. Do not allow public use of treated areas during application.

For maximum control of deer ticks (Ixodes sp.), applications should be made in mid to late spring to control larvae and nymphs that reside in the soil and leaf litter.

American dog ticks: Make Applications as necessary from mid-spring to early fall to control American dog tick larvae, nymphs and adults.

Perimeter Application: Apply to ground area 5 to 10 feet wide around and adjacent to the structure.

Boundary Applications: Apply to soil areas, ornamental gardens, pavement crevices, fence lines, planter areas, vegetation areas and mulch areas. Note: When treating around a rectangular structure, determine the total area being treated by multiplying the linear distance by the bandwidth and then adding to that the area of a circle whose radius is equal to the band width (to account for the area treated at the four corners).

10.6 13.0 15.2 19.8 24.4 47.4

Fire ant mound treatment: Apply 1/5 - 1/2 cup of F0570 0.15 Granular Insecticide per mound and then drench the mound with 1 to 2 gallons of water. The mound should be drenched with sufficient force to break its apex and allow the insecticide to flow into the ant tunnels. For best results, apply in cool weather (65 to 80° F) or in early morning or late evening hours. Treat new mounds as they appear. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticide.

INDUSTRIAL NON-AGRICULTURAL APPLICATIONS

(Including Industrial Sites, Parks, Ball Fields and Cemeteries)

Broadcast Spot Applications: For the control of actively foraging ants (including Imported Fire Ants) broadcast uniformly 2.3 lbs. of F0570 0.15 Granular Insecticide per 1000 sq. ft. (0.15 lbs. a.i./Acre). See comments section under Lawn Applications for additional rate recommendations.

Pad Mounted Electrical Sites: To reduce or prevent ant mound building activity on electrical pads, uniformly distribute 1/5 cup of F0570 0.15 Granular Insecticide per 4 sq. ft. of mounting pad. Where existing transformers are completely or partially filled with soil excavated by resident ants, remove any excess fill and level the remaining soil prior to application. Food utensils such as tablespoons must not be used for food purposes after use in measuring pesticides.

Note: Electrical transformers appear to be more attractive to ants during the cooler months. For best results treat in the Fall or early Spring.

Recommended Spreader Settings for Broadcast Applications

Note: These recommended settings should be used as starting points when calibrating a spreader to achieve the desired application rate of F0570 0.15 Granular Insecticide. After calibration, the technician should

regularly observe the amount of F0570 0.15 Granular Insecticide that is applied to a known area and make further setting adjustments, as necessary, to maintain the appropriate application rate. Spreaders should be calibrated periodically to ensure that equipment wear or other factors have not altered the flow rate of F0570 0.15 Granular Insecticide. Calibration instructions are included in the Owner's Manual that was provided by the equipment manufacturer at the time of purchase.

RECOMMENDED SPREADER SETTINGS (Optional Text)

Note: Following will be a list of application spreaders and appropriate settings. This list will vary depending on the alternate carrier used. (This note will not appear on final printed label).

Note: These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

Resistance: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state pest management authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and suspect that resistance is a reasonable cause, immediately consult your local company representative or pest management advisor for the best alternative method of control for your area.

In New York State, this product may NOT be applied to any grass or turf area (lawns) within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

In New York State, do make a single repeat application of F0570 OTC Granular Insecticide if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. **EXCEPT AS WARRANTED BY THIS LABEL, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT.** Any warranties, express or implied, having been made are inapplicable if this product has been contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

To the extent consistent with applicable law FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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