



279-3253

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAR 19 2003

Mr. George Meindl
FMC Corporation, Agricultural Products Group
1735 Market Street
Philadelphia, PA 19103

Subject: Amendment Reducing Residential Lawn Rate in Response to EPA Exposure
Concerns
FMC 01-0004₂ Insecticide
EPA Reg. No. 279-3253
Your Submission Dated February 25, 2003

Dear Mr. Meindl:

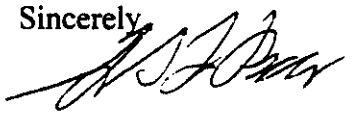
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comment below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. The rate restriction which you proposed of 0.2 lbs. active ingredient per acre per application for residential use sites is acceptable. However, to further clarify the sites to which this restriction applies, you must add the following statements near the beginning of the Directions for Use (immediately above the statement limiting broadcast applications to no more than 0.4 lbs. a.i. per acre per year):

“Do not apply more than 0.2 lb. 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 0.4 lb. a.i. per acre per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; golf courses; nurseries; sod farms; parks; recreational areas or athletic fields).”

If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,



George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosure

3 8 4

RESTRICTED USE PESTICIDE
Toxic to Fish and Aquatic Organisms
For retail sale to and use only by certified applicators, or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

FMC 01-0004₂ Insecticide

A ready to use insecticidal bait for application to the soil of flower and shrub beds, foundation perimeters, sports fields, parks, nurseries, grass areas (including golf courses) other ornamental turf and sod farms for control of Mole Crickets.

EPA Reg. No. 279-3253

EPA Est. 279-

Active Ingredient:	By Wt.
Bifenthrin*	0.2%
Inert Ingredients	99.8%
	<hr/> 100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.
U.S. Patent No. 4,238,505

KEEP OUT OF REACH OF CHILDREN
CAUTION

See other panels for additional precautionary information.

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • 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.
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 Assistance.	
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.	
For Information Regarding the Use of this Product Call 1-800-321-1FMC (1362).	

PRECAUTIONARY STATEMENTS

Hazards to Humans' (and Domestic Animals)

Caution
Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

The following Personal Protective Equipment requirements apply to nursery and sod farm use only

Personal Protective Equipment:
Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category chart

Applicators and other handlers must wear:

- Long sleeved shirt and long pants.
- Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.
- Shoes and 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.

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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards
This pesticide is extremely toxic to fish and aquatic invertebrates. 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 run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

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.

Do not apply by air.
Do not broadcast apply more than 0.4 lbs. A.I. (200 lbs. of this product) per Acre per year.

Do not apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.

Not for use in commercial greenhouses or on grass grown for seed.



FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

Net Weight

ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAR 19 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
279-3253

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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.

Do not enter or allow worker entry to 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 long-sleeved shirt and long pants.

Chemical-resistant gloves made of any waterproof material.

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 Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and greenhouses.

Do not touch treated surfaces until dry.

STORAGE AND DISPOSAL

Prohibitions

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

Pesticide Storage

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly.

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: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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

Paper and plastic bags: 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.

Grass and Ornamental Applications including golf courses, sod farms and nurseries (including field grown).

Broadcast this product with suitable application equipment to ensure uniform coverage over the treatment area. Apply the bait late in the afternoon to flower and shrub beds, grass, other ornamental turf areas and nursery stock (including field grown) that have been well irrigated prior to application. For maximum efficacy, do not irrigate treated area immediately after application. For best results, it is highly recommended that treated areas are not irrigated until 24 hours after application.

This product may also be applied as a spot treatment to localized areas infested by mole crickets.

APPLICATION RATES

The application rates listed in the following table will provide excellent control of Mole Crickets (Adults & Nymphs) under typical conditions. However, for residential lawn use, do not apply more than 0.2 lbs. A.I. per Acre per application.

Pest	Active ingredient lbs. per acre	Application Rate FMC 01-0004 ₂ Insecticide	
		per acre	per 1000 sq. ft.
Mole Cricket (Adult) ¹	0.2 - 0.4	100 - 200 lbs.	2.3 - 4.6 lbs.
Mole Cricket (Nymph) ¹	lbs. A/A	per acre	per 1000 sq. ft.

Comments

¹**Mole Cricket:** Achieving acceptable control of mole cricket nymphs and adults is best accomplished with a season-long integrated control program. A mole cricket management program should include monitoring the pest population and may include granular and/or liquid applications of Talstar[®] Insecticides and this product. Applications of this product may be followed by treatment with Talstar[®] Insecticides to control any individual mole crickets that may not have consumed the bait.

Tawny mole cricket nymphs will often be found infesting the same areas where late winter/early spring adult activity has been noted. Southern mole cricket adults will fly and breed in a more widespread area. The best time to control southern and tawny mole crickets with this bait is between June and December, depending on the geographic location and local weather conditions. All life stages of short-winged mole crickets may be present throughout the year.

Maximum efficacy is obtained when this product is used to control mole crickets that have reached the fifth instar of development and larger, including adults.

Perimeter Applications

Spread this product at a rate of 4 pounds per 1,000 square feet or 6.4 ounces per 100 square feet in a band at least 2 feet wide around foundations, including crevices where insects may hide.

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.

RECOMMENDED SPREADER SETTINGS

Note: Following will be a list of application spreaders and appropriate settings. This list will vary depending on market of spreaders. (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.

Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing, method of application and weather conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

Use of Product: FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.