

66222-19

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOV 14 2005

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Jane Rothwell
Registration Specialist
Makhteshim-Agan of North America
551 Fifth Ave. Suite 1100
New York, NY 10176

Subject: Supplemental Labeling: Add Turf Grass Grown for Sod
Chlorpyrifos 4E-AG Insecticide
EPA Reg. No. 66222-19
Resubmission dated October 6, 2005

Dear Ms. Rothwell:

The supplemental labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following comment:

At your next label printing, or within eighteen months of the date of this letter, whichever comes first, you must incorporate this supplemental labeling into the main product labeling.

A stamped copy "accepted with comments" of the label is enclosed for your records.

Please submit two (2) copies of the final printed label for our file. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink, which appears to read "Akiva Abramovitch", is written over the typed name.

Akiva Abramovitch, Ph.D.
Insecticide/Rodenticide Branch
Registration Division (7505C)

RESTRICTED USE PESTICIDE

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 APPLICATORS CERTIFICATION.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

SUPPLEMENTAL LABELING**Chlorpyrifos 4E AG**

EPA Reg. No. 66222-19

Insect Control in Turfgrass Grown for Sod

NOV 14 2005

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

66222-19

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. Read all Directions for Use carefully before applying.

DIRECTIONS FOR USE

Use Chlorpyrifos 4E AG to control the pests listed in the following table by application at the recommended dosages. Dilute Chlorpyrifos 4E AG in water and apply using suitable application equipment. For best results, turf should be moist at time of treatment.

PESTS	AMOUNT OF CHLORPYRIFOS 4 E AG	
	1000 sq ft	Acre
Ants, armyworms (such as: beet, fall, yellowstriped), centipedes, chiggers, chinch bugs, crickets, cutworms, deer ticks, earwigs, European crane fly larvae, fiery skipper, fire ants (foraging workers), fire ants (mounds)(1), fleas, gnats, grasshoppers, greenbug aphids, green June beetle grubs, leafhoppers, Lucerne moth, millipedes, mites (such as: clover, Bermudagrass stunt, winter grain), mosquitoes, pillbugs, springtails, sod webworms (lawn moths) (2), sowbugs, ticks	¾ fl oz	1 qt
Billbug adults (such as: bluegrass, Denver, hunting) (3)	¾ - 1 ½ fl oz	1-2 qt
Annual bluegrass weevil (Hyperodes) (4), black turfgrass ataenius adults (5), mole crickets (6)	1 ½ fl oz	2 qt
White grubs (such as: black turfgrass ataenius, European chafer, Japanese beetle larvae, and northern and southern masked chafers)(7)	1 ½ - 3 fl oz	2-4 qt

Numbers in parentheses (-) refer to Specific Use Directions below.

SPECIFIC USE DIRECTIONS:

- For individual fire ant mounds apply Chlorpyrifos 4E AG as a drench. Dilute 1 fl oz per 4 gallons of water. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding areas to a diameter of 2 feet. For best results, apply in cool weather, 65-80° F, or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the nats and cause migration, reducing product effectiveness.
- For sod webworms, watering or mowing of the treated area should be delayed for 12 to 24 hours after treatment.
- For billbugs, spray early in the season just prior to or coinciding with first appearance of adults as recommended by your local Agricultural Extension Service Specialist.
- To control annual bluegrass weevil, spray suspected problem areas in mid-April and again in mid May, or as recommended by our local Agricultural Extension Service Specialist.
- For black turfgrass ataenius adults, spray early in the season as recommended by your local Agricultural Extension Service Specialist. A repeat application may be needed 1 to 2 weeks later.
- To control mole crickets in turfgrass, apply Chlorpyrifos 4E AG through high-pressure injection or other suitable subsurface placement application equipment. Depending on the application equipment used, follow the manufacturers recommendation for calibration and the volume of spray per acre needed to provide control or as recommended by your local Agricultural Extension Service Specialist. For best results, apply when young nymphs are active.
- For white grubs, spray when grubs are young and actively feeding near the soil surface, usually during late July and August or as recommended by your local Agricultural Extension Service Specialist, for best results, soil should be moist prior to treatment. For best results, immediately after spraying, irrigate the treated area with ½ to 1 inch of water to wash the insecticide into the thatch and underlying soil.