



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

SEP 12 2005

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Kathryn Luba
Regulatory Specialist
Cheminova Inc.
1700 Route 23, Suite 300
Wayne, NJ 07470

Subject: Supplemental Label: Grass grown for sods
Nufos 4E (chlorpyrifos).
EPA Reg. No. 67760-28
Submission dated March 1, 2005

Dear Ms. Luba:

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

1) 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, appearing to read "Akiva Abramovitch".

Akiva Abramovitch, Ph.D.

Chemist

Insecticide/Rodenticide Branch

Registration Division (7505C)

2 8 3

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 Applicator's certification.



SUPPLEMENTAL LABELING
 EPA Reg. No.: 67760-28

ACCEPTED
with COMMENTS
 In EPA Letter Dated:
 SEP 12 2005

Insect Control in Turfgrass Grown for Sod

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 67760-28

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This labeling must be in the possession of the user at the time of application. Read the label affixed to the container for Nufos 4E before applying. Carefully follow all precautionary statements and applicable use directions. Use of Nufos 4E according to this supplemental labeling is subject to all use precautions and limitation imposed by the label affixed to the product container.

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

Pests	Amount of Nufos 4E per	
	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	3/4 fl oz 1 qt
billbug adults (such as: bluegrass, Denver, hunting) (3)		3/4 - 1 1/2 fl oz 1 - 2 qt
annual bluegrass weevil (Hyperodes) (4) black turfgrass ataenius adults (5) mole crickets (6)		1 1/2 fl oz 2 qt
white grubs (such as: black turfgrass ataenius, European chafer, Japanese beetle larvae, and northern and southern masked chafers) (7)		1 1/2 - 3 fl oz 2 - 4 qt

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

Specific Use Directions:

1. For individual **fire ant mounds** apply Nufos 4E 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 ants and cause migration, reducing product effectiveness.
2. For **sod webworms**, watering or mowing of the treated area should be delayed for 12 to 24 hours after treatment.
3. 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.
4. To control **annual bluegrass weevil**, spray suspected problem areas in mid-April and again in mid-May, or as recommended by your local Agricultural Extension Service Specialist.
5. 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.
6. To control **mole crickets** in turfgrass, apply Nufos 4E through high-pressure injection or other suitable subsurface placement application equipment. Depending on the application equipment used, follow the manufacturer's 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.
7. 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.**

Manufactured for:
Cheminova, Inc.
1700 Route 23
Wayne, NJ 07470
www.cheminova.us.com

2/2005

