

228-621

5/7/2014

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

MAY 07 2014

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ms. Carrie M. Tackema  
Nufarm Americas, Inc.  
11901 S. Austin Ave.  
Alsip, IL 60803

Subject: Revised Label to Add Two Marking Claims to the Label with no Other Changes

Dear Ms. Tackema:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated April 23, 2014 for:

**EPA Registration 228-621**

**Chlorpyrifos E- Pro 1.0% Mole Cricket Bait**

The Registration Division (RD) has conducted a review of this request of applicability under PRN 98-10 and finds that the label changes(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, call me at 703 305-5409 or electronically at [daniel.dani@epa.gov](mailto:daniel.dani@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Dani Daniel".

Dani Daniel  
Registration Division (7504P)  
Insecticide/Rodenticide Branch

EXPEDITE

MAY 07 2014



United States  
Environmental Protection Agency  
Washington, DC 20460

- Registration
- Amendment
- Other:

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number <b>228-621</b>	2. EPA Product Manager <b>V. Eagle</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Chlorpyrifos E-Pro 1.0% Mole Cricket Bait</b>	PM# <b>1</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>Nufarm Americas, Inc. 11901 S. Austin Avenue Alsip, IL 60803</b> <i>Please send all correspondence to "contact point" listed below</i>	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

NOTIFICATION PER PRN 98-10

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**CONTACT: Carrie M. Tackema (919) 379-2528 or [carrie.tackema@us.nufarm.com](mailto:carrie.tackema@us.nufarm.com)**  
**Nufarm Americas, Inc.**  
**4020 Aerial Center Parkway, Suite 101**  
**Morrisville, NC 27560**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container <b>50 LBS</b>		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name <b>Carrie M. Tackema</b>	Title <b>Regulatory Manager</b>	Telephone No. (Include Area Code) <b>(919) 379-2528</b>
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title <b>Regulatory Manager</b>	
4. Typed Name <b>Carrie M. Tackema</b>	4. Date <b>April 22, 2014</b>	



+1 919.379.2510  
+1 919.467.5923  
4020 Aerial Center Parkway, Suite 101  
Morrisville, NC 27560  
www.nufarm.com

**Via Courier Delivery**

April 23, 2014

Ms. Venus Eagle, PM#1  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U. S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202-4501

**RE: NOTIFICATION(s) per PRN 98-10**

Chlorpyrifos E-Pro 1.0% Mole Cricket Bait	EPA Reg. No. 228-621
Chlorpyrifos E-Pro 4 Insecticide	EPA Reg. No. 228-624
Nufarm Chlorpyrifos SPC 2 Insecticide	EPA Reg. No. 228-625

Dear Ms. Eagle:

Enclosed please find three (3) application(s) for pesticide registration – NOTIFICATION for the above-referenced product(s). The purpose of these NOTIFICATION(s) is to include two (2) optional marketing claims:

*Nufarm Grow a better tomorrow*  
*Grow a better tomorrow*

These NOTIFICATION(s) are consistent with PRN 98-10; specifically, II N. In support of these NOTIFICATION(s) enclosed are the following:

- EPA form 8570-1 Application for Pesticide Registration – NOTIFICATION;
- Label certification; and
- Proposed product labeling in PDF format on CD-rom.

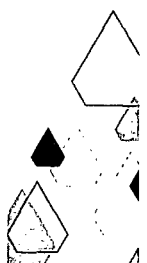
Please contact me at directly at (919) 379-2528 or by email at [carrie.tackema@us.nufarm.com](mailto:carrie.tackema@us.nufarm.com) if you have any questions regarding this action.

Sincerely,

Carrie M. Tackema  
Regulatory Manager

Enclosure(s)

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# Nufarm Chlorpyrifos SPC 1.0% MCB Insecticide

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A Ready to Use Insecticidal Bait for Application to the Soil Surface of Golf Course Turf and Sod Farm  
Turf Only  
For Control of Mole Crickets which may Feed upon this Insecticidal Bait

**ACTIVE INGREDIENT:**

Chlorpyrifos (O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate)..... 1.00%

**OTHER INGREDIENTS:** .....99.00%

**TOTAL:** .....100.00%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION/PRECAUTION**

See inside label booklet for additional FIRST AID and PRECAUTIONARY STATEMENTS

EPA Reg. No. 228-621

EPA Est. No.

Manufactured for:  
Nufarm Americas Inc.  
11901 S. Austin Avenue  
Alsip, IL 60803

Nufarm Chlorpyrifos SPC 1.0%  
MCB Insecticide contains  
chlorpyrifos, the active ingredient  
used in Dursban®.

Net Weight: \_\_\_\_\_ (lbs)

[Nufarm: Grow a better tomorrow]  
[Grow a better tomorrow]

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**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION/PRECAUTION**

Causes moderate eye irritation. Avoid contact with eyes and clothing. Harmful if swallowed.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are natural rubber  $\geq$  14 mils. For more information, follow instructions in Supplement Three of PR Notice 93-7. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Loaders, applicators and all other handlers must wear:

- coveralls over long-sleeved shirt and long pants;
- chemical-resistant gloves;
- chemical-resistant footwear plus socks;
- a NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21-C or a NIOSH-approved respirator with any N, R, P, or HE filter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS**

When applicators use closed cab equipment in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

Users should:

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**FIRST AID**

**Organophosphate**

<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

**HOT LINE 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 1-877-325-1840 for emergency medical treatment information.

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**NOTE TO PHYSICIAN**

Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**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.

**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), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 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 short sleeved shirt and short pants;
- Chemical-resistant gloves made out of any waterproof material;
- Chemical-resistant footwear plus socks;
- Chemical-resistant headgear for overhead exposures

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

**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 Standard for agricultural pesticides [40 CFR Part 170]. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter until dusts have settled.

For golf course turf applications, the maximum application rate per application is 1 lb. a.i./A.

For Control of Mole Crickets in Golf Course Turf and Sod Farm Turf Only - Apply this product at the rate of 100 pounds per acre or 2 ¼ pounds per 1,000 sq. ft. Spread evenly over the area using a mechanical spreader. Make applications in late afternoon on moist soil in areas known to be infested with these insects. Repeat application in about one week for best control.

The best time to control the Southern Mole Cricket:

March through August – egg laying time  
February through September – adult mole crickets

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#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container in a cool, dry place.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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:** Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available, or place empty container in trash.

#### WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

#### LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV042314)

Nufarm Chlorpyrifos Pro 1.0% MCB Insecticide is not manufactured or distributed by Dow AgroSciences, seller of Dursban®.

Dursban® is a registered trademark of Dow AgroSciences LLC.