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

MAY 26 2003

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Rebecca M. Horton
Consultant/Agent for
Howard Fertilizer & Chemical Company
1181/2 E. Main Street, Suite 1
Salem, VA 24153

Subject: Label Amendment: 2001-1 First Aid and Storage and Disposal and increased application rates for Chinch Bugs
Turf Pride Fertilizer with 2% Sevin Brand Carbaryl Insecticide
EPA Reg. No. 35512-49
Submission dated February 18, 2003

Dear Ms. Horton:

The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following comments:

- 1) Revise the Precautionary Statements to read "Harmful if swallowed, inhaled or absorbed through the skin. Do not breath dust. Avoid contact with eyes, skin or clothing. Wash hands with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Do not contaminate water food or feed with this product
- 2) The Note to Physician should be updated to read "Contains N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.
- 3) The heading should read " Ticks that may carry Lyme disease. You must remove **"dreaded"** from the LYME Disease . You must remove amblyomnia spp as a vector of Lyme disease.

A stamped copy "accepted with comments" of the label is enclosed for your records. Please submit two (2) copies of the final printed before shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours

Akiva Abramovitch
Akiva Abramovitch, Ph.D.
Chemist

Insecticide-Rodenticide Branch
Registration Division (7505C)

explicado ampliamente."

FIRST AID

IF SWALLOWED - Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

IF ON SKIN - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

INHALED - Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

*Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment. You may also call 1-800-858-8378 for emergency medical treatment advice.

NOTE TO PHYSICIAN: Carbaryl is an N-methyl carbamate that inhibits cholinesterase. Atropine is Antidotal.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash contaminated clothing before re-use. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or foodstuffs.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. 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 treatment areas.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants; chemical resistant gloves; and shoes with socks and a dust mask. 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 as soon as possible 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.

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, forest, nurseries, 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 intervals. 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 into 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; chemical resistant gloves, chemical resistant footwear, plus socks, protective eyewear, and chemical resistant headgear for overhead exposure.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements of 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, or nurseries. Applicators and handlers should wear long-sleeved shirt, long pants, waterproof gloves, shoes with socks. Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Launder exposed clothing before reuse. Do not allow reentry to treated areas until dusts have settled and the turfgrass or soil is dry.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original closed container in a cool, dry, place out of reach of children and animals. In case of a spill, avoid contact. Isolate the spills, sweep up, and use as directed on this label. **PESTICIDE DISPOSAL:** Wastes resulting from a spill or from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Completely empty bag into equipment and use as directed. Do not re-use empty bag. 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.

For Residential Use Product Disposal

If empty: Do not reuse this container. Place in trash or offer for recycling if available.
If partly filled: Call your local solid waste agency or 1-800-CLEAN-UP for disposal instructions.
Never place unused product down any indoor or outdoor drain

GENERAL DIRECTIONS

Apply when insects first appear, and/or turf damage is threatened. When two rates are recommended use the lower rate for light infestations and the higher rate for insect damaged turf and for heavy insect infestations. For best results, mow lawn first and then apply material. After application apply 1/4 inch water by sprinkler irrigation to the treated area to release the insecticide and plant food. *See watering limitation for treating for Sod Webworms. Keep children and pets off treated areas until grass is dry. Repeat applications may be made for control of any new insect generation.

HOWARD FERTILIZER & CHEMICAL COMPANY, INC.
P.O. BOX 628202 - ORLANDO, FL. 32862-8202

FOR CHINCH BUGS AND SOD WEBWORMS:
Apply 6.9 to 9.2 pounds of this product to treat 1,000 sq. ft. (which is equal to 300 to 400 pounds of this product per acre). These rates are equivalent to 6 to 8 pounds a.i. carbaryl per acre.
For Chinch Bugs treat entire area to prevent their migration to untreated turf. *For Sod Webworms do not irrigate treated areas for 12 to 24 hours after treatment. A repeat application may be required in 30 days if a new generation of sod webworms, appears.

ROOT FEEDING INSECTS

ON GOLF COURSES, SOD FARMS, HOME LAWNS, AND RECREATIONAL TURFGRASSES:

FOR CONTROL OF WHITE GRUBS (SUCH AS JAPANESE BEETLE, CHAFER BEETLES, AND PHYLLOPHAGA spp. LARVAE), BLUEGRASS BILLBUGS, FLEAS, EUROPEAN CRANE FLY LARVAE, MOLE CRICKETS AND BLACK TURFGRASS AENIUS.

Apply 4.6 lbs. to 9.2 lbs. per 1,000 sq. ft. of turf area (equal to 4 to 8 lb. A.I. per Acre) during late March through May or July to early September when Grubs are feeding near soil surface or as recommended by local agricultural extension agents. See instructions in GENERAL DIRECTIONS paragraph. Sprinkler irrigate turf thoroughly. (1/4 to 1/2 inch water), soon after treatment to move the insecticide into the root zone. For CRANE FLY LARVAE apply at the same rate in early spring; April 1 to April 15th or as recommended by the local Extension Service.

THE TREATMENT OF HOME LAWNS and TURFGRASS AREAS ON GOLF COURSES, PARKS, and RECREATIONAL AREAS will SIMULTANEOUSLY CONTROL the TICKS that VECTOR and CARRY the dreaded "LYME DISEASE".

For control of juvenile and adult Ixodes spp. (Deer Tick and Black Legged Tick) and Amblyomma spp. Ticks (Lone Star Ticks) which vector LYME disease, apply 4.6 lbs. to 9.2 lbs. per 1,000 sq. ft. with appropriate equipment to ensure uniform coverage. Target your applications to control the young juvenile ticks (larvae and nymphs) in late spring or early summer (May/June). Control of adult ticks can be achieved with late summer and fall applications (Aug/Sept.). Make applications to lawns, shrub beds, ornamental plantings, around wooded areas on host animals. Retreat turf grass in 2 to 3 months or as necessary to maintain adequate control levels.

SPREADER SETTINGS

SPREADER	POUNDS OF PRODUCT TO USE PER 1,000 SQ. FT.			
	2.3 lbs.	4.6 lbs	7 lbs.	9.2 lbs.
CYCLONE B1	3.25	4	5	6.5
SCOTT ROTARY R-8	C	D 1/2	E	G
SCOTT DROP SPREADER	5	6	7	7.5

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GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)** Percent xx
xx Ammoniacal Nitrogen xx
xx Other/Water-Sol. Nitrogen xx
(And/Or Urea Nitrogen)
Available Phosphate (P₂O₅) xx
Soluble Potash (K₂O) xx
Chlorine, not more than xx

Derived from: xx
xx Units = Slow Release
Statement of Secondary Plant Foods:
xxxxxx

ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAY 26 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 35512-49

Turf Pride® is a registered trademark of Howard Fertilizer & Chemical Company, Inc.

READ ENTIRE LABEL BEFORE USING

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened container at once. By using this product, user and buyer accept the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However it is impossible to eliminate all risks associated with the use of this product. Injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Howard Fertilizer & Chemical Co., Inc. All such risks shall be assumed by the user or buyer. Disclaimer of Warranties: There are no warranties express or implied, of merchantability or of fitness for a particular purpose or otherwise, which extend beyond the statements made on this label. No agent of Howard Fertilizer & Chemical Co., Inc. is authorized to make any warranties contained herein. Howard Fertilizer & Chemical Co., Inc. disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF WARRANTIES: The exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price, or at Howard Fertilizer & Chemical Co., Inc.'s option, the replacement of the product.

NET WEIGHT 50 POUNDS (22.7 kg)