

8660-76
 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PM-13
 Mr. H. R. McLane
 Patterson Green-Up Company
 Div. Curry-Cartwright, Inc.
 1331 Union Avenue
 Kansas City, MO 64101

433/111909
 311
 DRP
 301/118775
 17/5

Dear Mr. McLane:

Subject: Amendment - Update per Lindane PD-4
 Patterson's Borer Killer
 EPA Registration No. 2169-226
 Your Application dated November 28, 1983

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable, provided that you:

Submit five (5) copies of your revised final printed labeling before you release the product for shipment with the amended labeling.

A stamped copy of the label is enclosed for your records.

If you hold a Federal registration, a supplemental registration, or a Special Local Needs registration, you may continue to produce new stocks of such products, using current labeling, until ~~April~~ 30, 1984. After that date, all remaining inventories of affected products will fall under the Existing Stocks provisions stated in our letter of October 28, 1983.

Sincerely yours,

George T. LaRocca
 Product Manager (15)
 Insecticide-Rodenticide Branch
 Registration Division (TS-767)

Enclosure

DCR-28613:RD-4:LaRocca:GG:Raven557-2226:4/10/84:Del.4/21/84

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		CONCURRENCES					
SYMBOL							
SURNAME							
DATE							

203



ACTIVE INGREDIENTS ————— 100.0%
 Gamma Isomer of Dinitrophenylhydrazide 1.0%
 Petroleum Hydrocarbon ————— 99.0%

Keep Out of Reach of Children

CAUTION

See Additional Precautionary Statements On The Side Panel of this label

STATEMENT OF PRACTICAL TREATMENT

- If Swallowed - Call a physician or Poison Control Center immediately. Do not induce vomiting. Vomiting may cause aspiration pneumonia.
- If Inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.
- If On Skin - Remove contaminated clothing and and wash affected areas with soap and water.
- In Eyes - Flush eyes with plenty of water. Call a physician immediately.

EPA Reg. No. 2169-226

EPA Est. No. 2169-KS-1

Net Contents _____

Pint; Quart; Gallon

PATTERSON GREEN-UP COMPANY
 Div. Curry Carlwright, Inc.
 1331 Union Avenue Box 4029
 Kansas City, MO. - - 64101

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

APR 27 1984

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

2169-226
 Transferred to
 8660-76

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It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

XXXXX

WHERE TO APPLY - Apply only to mature seasoned bark of trees and shrubs which is clean, dry and free of exuding "sap" or other surface debris. "Signs" of borer feeding usually include one or more of the following - an entry hole through the bark into the heart wood; sawdust that has been pushed out of the hole by the insect, (check for sawdust that has fallen to the base of the plant at soil level); or a discoloration and wet area on the bark caused by the exuding "sap". Treat any "spot" in the tree or shrub which is accessible, therefor the trunk or limbs. Do not apply to foliage or small twigs of current years growth because of possible damage to the plant (Borers are not likely to infest these areas of the plant). Do not apply to areas that are free of insect feeding.

HOW TO APPLY - This product is ready To use. For application select a small 1" Trigger Type Sprayer" that can be adjusted to deliver a pin point stream of liquid. Pour this product into the sprayer bottle or reservoir. Hold the sprayer nozzle up close to the insect feeding entry hole and pump sprayer twice to force the insecticide into the insect feeding tunnel. Repeat treatment in 5 to 7 days if feeding signs are still observed. Do not apply as a treatment that encircles a limb or trunk since damage will result to plant. Replace unused liquid by pouring into original container.

INSTRUCTIONS TO KILL BORERS AND THEIR LARVAE
BORERS IN THE CAMBIAL AND PITH LAYERS OF TREES AND SHRUBS KILL BORERS AFTER THE LARVAE HAS BEEN DETECTED.
COMMON BORERS (Cerambycidae): This family of insects is more difficult to control, because a portion of their life cycle is spent in the sapwood and heartwood, during a 2 to 4 year life cycle. The most successful treatment is at the beginning of the larval stage or during the pupal stage, at both of which times the insect is located just under the bark. Consult with the State Agricultural Extension Service to determine the life cycle of the borer in question. BORE KILLER can also be used by injection into the tunnels, which means that each tunnel opening must be treated.

EMERALD BORERS (Buprestidae) in Apple*, Ash, Sycamore, Cottonwood, Elm, Norway Spruce, Maple, Oak, Pear*, Poplar, Sycamore and Willow should be treated as soon as first noted. The symptoms can include a damp spot on the bark at the point of entry, developing until the sap drips from the spot; discoloration of bark overlying the tunnel, and the possible appearance of dry holes at the entrance to, or just below, the tunnel. If the treated area has not dried within a week to ten days, treatment should be repeated.

BARK BEETLES in Elm and Pine. Apply BORE KILLER as above explained, giving particular attention to the entrance holes of the borers.

*Limit spray applications to the period before formation of fruit or after harvest.

Homeowner Protective Clothing
Applicators must wear the following protective clothing during the application process, long sleeved shirt, long pants, waterproof gloves, full foot coverings and a head covering.

Caution: Do not allow children to handle or apply this product. Children and pets should not be allowed in treated areas until treated surfaces are dry.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes and clothing. Avoid contamination of food or feedstuffs. In case of contact with skin or eyes, flush with plenty of water, eyes require medical attention. Wash with soap and water after handling and before eating or smoking. Do not use on humans or household pets.

ENVIRONMENTAL HAZARDS: This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams or ponds. Do not apply where runoff is likely. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the treatment area. Additional information can be obtained from your Cooperative Extension Service.

PHYSICAL & CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not reuse empty bottle. Rinse thoroughly then securely wrap original container in several layers of newspaper and discard in trash.

NOTICE: Buyer assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label.

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