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Reg # 802-530

APR 5 1985

Mary Hewitt
The Chas. H. Lilly Company
7737 K2. Killingsworth
Portland, OR 97218

Dear Ms. Hewitt:

**Subject: Amended Registration, Addition of Dormant
and Delayed Dormant Spray
Lilly/Miller Chlorban Insect Spray
EPA Registration No. 802-530
Your Application Dated March 1, 1985**

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A) is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

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Enclosure

RD/IRB:JOB:85079:Ellenberger:RD-84/08:EK:Kendrick:898-1270:4/3/85:Del.4/10/85

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

LILLY/MILLER
CHLORBAN
INSECT SPRAY
Contains DURSBAN* Insecticide

ACTIVE INGREDIENTS:

Chlorpyrifos (0,0-diethyl 0-(3, 5, 6-trichloro-2-pyridyl)
phosphorodithioate) 6.79%

INERT INGREDIENTS. 33.21%

*Dursban® Reg. TM of the Dow
Chemical Co. U.S. Pat. No. 3,244,586

IDEAL ANT CONTROL

Also controls Chinch Bugs, Earwigs,
Fleas, Cutworms, Sod Webworm
(Lawn Moth Larvae) in lawns
Aphids, Mites, Spittlebugs,
Whiteflies on Ornamentals

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 05 1985

Under the Federal Insecticide,
Fungicide and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
902-530

Keep out of reach of children
WARNING
See left side panel for Statement of Practical
Treatment and additional Precautionary Statements

NET CONTENTS ___ (1 Pint or 1 Quart)

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. May be absorbed through skin. May be injurious to eyes and skin. Do not take internally. Avoid breathing spray mist or vapors. Wash thoroughly after handling or after contact with skin. Do not smoke while using. Keep children and pets off treated areas until spray has dried. Handle concentrate in a ventilated area. Do not spray vegetable gardens or other plants used for food purposes, except as specifically directed.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, wash skin with soap and water; for eyes, flush with plenty of water and get medical attention. If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine, by injection only, is an antidote.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARD
DO NOT USE, POUR, SPILL OR STORE
NEAR HEAT OR OPEN FLAME

DIRECTIONS FOR USE

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

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DIRECTIONS FOR USE

SHAKE WELL BEFORE USING

LAWNS AND TURF To control Chinch Bugs, Sod Webworm (Lawn Moth Larvae), Ants, Brown Dog Ticks, Fleas, Clover Mites, Armyworms, Crickets, Cutworms, Earwigs and Grasshoppers infesting home lawns and ornamental or recreational turf grass areas, mix Lilly/Miller Lawn Insect Spray with water according to the directions given in the following table and apply as a coarse droplet spray using a low pressure tank sprayer (such as Lilly/Miller Spray Mate), or a hose attachment sprayer (such as Lilly/Miller Big 15). For best results the lawn should be moist at the time of application and care should be taken to obtain complete and uniform coverage of infested areas. Spray when pests first appear and re-treat when needed.

DOSAGE AND DILUTIONS FOR USE ON LAWNS AND TURF

Area to be treated	Amount of Lilly/Miller Lawn Insect Spray	Dilute with water to make
100 sq. ft.	3½ teaspoons	3 gallons
500 sq. ft.	6 tablespoons	15 gallons
1000 sq. ft.	12 tablespoons (6 fl. ounces)	30 gallons
1500 sq. ft.	18 tablespoons (9 fl. ounces)	45 gallons

FOR CONTROL OF EUROPEAN CRANE FLY LARVAE (LEATHER JACKETS)

Area to be treated	Amount of Lilly/Miller Lawn Insect Spray	Dilute with water to make
500 sq. ft.	9 tablespoons (4½ fl. ounces)	15 gallons
1000 sq. ft.	18 tablespoons (9 fl. ounces)	30 gallons
1500 sq. ft.	27 tablespoons (13½ fl. ounces)	45 gallons

FOR CONTROL OF BILLBUGS

Area to be treated	Amount of Lilly/Miller Lawn Insect Spray	Dilute with water to make
500 sq. ft.		
1000 sq. ft.	To Be Determined	
1500 sq. ft.		

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NOTE: To help prevent infestation of buildings by Ants, Crickets, Earwigs and Sowbugs (pillbugs), treat a band of soil 6 to 10 feet around and adjacent to the building, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use the same dosage and dilution recommended for control of these pests on turf as shown in the above table. Apply as a coarse spray to thoroughly and uniformly wet the band area.

ORNAMENTAL PLANTS On flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with Aphids, Bagworms, Cutworms, Grasshoppers, Leafhoppers, Mealybugs, Mites, Fall Webworm, Spittlebugs, Thrips (exposed) and Whiteflies, use Lilly/Miller Lawn Insect Spray according to the following table and apply with a suitable pressure sprayer (such as Lilly/Miller Spray Mate) or a hose attachment sprayer (such as Lilly/Miller Six-Shooter). Make certain of complete, uniform coverage of infested plants. Avoid over-spraying to the point of excessive run-off. Treat when pests appear and repeat at 7 to 10 day intervals if needed.

IMPORTANT: Do not use on Azaleas, Camellias, Poinsettias, Roses, or variegated Ivy because of possible injury to these plants.

DOSAGE TABLE FOR ORNAMENTAL PLANTS

Pest Controlled	Amount of Lilly/Miller Lawn Insect Spray in water to make	
	1 gallon	3 gallons
Aphids Mites Bagworms Spittlebugs Fall Webworm Whiteflies Grasshoppers	4 teaspoons	4 tablespoons
Cutworms Leafhoppers Mealybugs Thrips (exposed)	8 teaspoons	½ cup (8 tablespoons)

NOTE: Mosquitoes coming to rest on areas treated for control of turf and ornamental insects will be killed for varying periods of time after treatment depending on exposure of treated areas to weathering conditions.

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DORMANT OR DELAYED-DORMANT FRUIT TREE SPRAY

APPLES- To control Rosy Apple Aphid, San Jose Scale, Cutworm

PEARS- To control San Jose Scale and Cutworm

PLUMS, PRUNES- To control San Jose Scale, Mealy Plum Aphid,
and Cutworms

ALMONDS, PEACHES, NECTARINES- To control San Jose Scale,
Peach Twig Borer and Cutworm

Apply as a dormant spray, just before or as buds begin to swell,
or as a delayed dormant spray, when bud scales are beginning to
open.

Use 4-8 tsp of Chlorban Insect Spray plus 8-16 tsp. of
LILLY/MILLER Superior Type Spray Oil per gallon of water.
OR use 3/4 pt. to 1 1/4 pt. Chlorban Insect Spray plus
1 1/4 to 2 1/2 pt. LILLY/MILLER Superior Type Spray Oil per
15 gallons of water.

Use higher rate for severe infestations. Apply with LILLY/
MILLER Big 15 Hose-end sprayer or tank sprayer. Spray entire
tree to runoff. Make only one application per season.

Do not allow dairy animals or livestock to graze in treated area.

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FOR CONTROL OF ROOT MAGGOTS ON CERTAIN DIRECT-SEEDED VEGETABLE CROPS

Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage:

For direct seeded crops use 2 to 4 tablespoons in a gallon of water and apply with sprinkler can in a band 2 to 4 inches wide over 100 linear feet of row at planting time.

Radishes:

Use 3½ teaspoons in a gallon of water and apply as a soil drench in the seed furrow, with the seed, to 100 linear feet of row at planting time.

Restrictions: Do not make more than one application per planting.

Rutabagas, Turnips:

Use 2 to 4 tablespoons in a gallon of water and apply in a band 2 to 4 inches wide over a 100 linear feet of row at time of planting. With rutabagas it would be realistic to only expect partial protection because of their extended growing season.

STORAGE AND DISPOSAL

Store this product in its original container and keep in a locked storage area out of reach of children and domestic animals. Do not reuse container. Rinse thoroughly before discarding and securely wrap original container in several layers of newspaper and discard in trash.

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NOTICE: Seller makes no warranty, expressed or implied, concerning the use of product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

LC-50

THE CHAS. H. LILLY CO.
PORTLAND, OREGON 97218

EPA Reg. No. 802-530

EPA Est. 802-OR-1

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