

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING - Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed or absorbed through the skin. Do not breathe vapor or spray mist. Use waterproof gloves, face shield or goggles, and protective clothing when handling. Wash hands, arms, and face thoroughly with soap and water after handling and before eating or smoking. Do not use on humans or household pets. Keep children and animals away from treated areas until spray has dried. Food utensils such as a teaspoon or measuring cup should not be used for food purposes after use with pesticides.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label. 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 crop, cover crop or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

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

Storage - Store in a cool dry place.

Pesticide Disposal - Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state or local procedures.

Container Disposal - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

DIRECTIONS FOR USE

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

PECAN INSECT CONTROL

PECANS: For control of Phylloxera (Galls) and the Hickory Shoot Curculio - Mix 1 quart of this product in 100 gallons of water, (2 teaspoonfuls per gallon of water). Apply with a power sprayer in the spring, as a "Bud-Break" spray (early to mid April when bud break is no more than 2 inches long) making only one application by thoroughly wetting all portions of the tree and new bud growth. Plan on using approximately 10 to 15 Gals. of diluted spray per bearing tree when planted on 60 foot centers (approx. 24 trees per acre. Do not exceed 450 gallons of dilute spray per acre. Do not graze treated areas. NOTE; This control is not effective when typical gall symptoms appear.

The following Insect Control Chart gives the plants that may be attacked by the listed insects with a dilution rate and comments for proper application. [1 tsp=1 fluid teaspoonful; 1 tbsp= 1 fluid tablespoonful].

INSECT CONTROL FOR ORNAMENTALS, FRUIT TREES, FLOWERS, BULBS, VEGETABLES

[Do not use on root crops or in soil in which root crops are to be planted]

| PLANTS | INSECTS | DOSAGE RATE IN FLUID MEASURE | COMMENTS |
|--|--|--|---|
| Elm, Birch, Locust, Holly | Leaf Miners | 1 tsp/gal. water OR 1 pint/100 gals. | Apply when adult miners appear in April & mid-May. Treat when small miners appear in July. |
| Pines | Pine Bark Beetles | 3 Fluid Ounces per gal. water OR 1 Gal./40 gals. | Apply to trunks up as high as sprayer will reach. Spray to point of run-off in April or May |
| Firs, Spruce | White Pine Weevil | 1 tbsp/gal. water OR 3 Pints/100 gals. | Thoroughly spray entire tree in late April when buds swell. |
| Taxus, Hemlock | Taxus Weevil | 1 tbsp/gal water OR 3 pints/100 gals. | Apply in May or early June to the trunks & around tree base. Soak the bark and soil surface. |
| Dogwood, Lilac, Rhododendron | Dogwood Borer, Lilac Borer, Rhodo' Borer. | 1 tbsp/gal water OR 3 pints/100 gals. | Make 3 applications. May 1st; June 1st; July 1st. Treat limbs, twigs and base of trunk. |
| Apple, Peach, Cherry | Bark Beetles Flat-headed & Round headed Borer. | 1 tbsp/gal water OR 3 Pints/100 gals. | Do not apply to fruit or foliage. Apply in spring to trunk and limbs. Soak bark & trunk to ground to point of run-off. Do not apply within 60 day of harvest. |
| Maple, Aspen, Poplar, Ash, Willow, Elm, Locust | Aphids, Bark Beetles, Borers | 2 tbsp/gal water OR 3 quarts/100 gals. | Apply in spring when buds begin to break. Repeat in 10-14 days. For Aphids, apply when present in summer & fall. |
| Peaches | Peach Tree Borer | 1 tbsp/gal water OR 3 pints/100 gals. | Do not apply to fruit or foliage. Make 3 treatments. July 1st.; Aug. 1st.; Sept. 1st. Soak bark. |
| Birch | Bronze Birch Borer. | 1 tbsp/gal water | Make 3 treatments. May 1st.; June 1st.; July 1st. Soak bark |
| Bulbs (Tulip, Iris, Glads, Lilies) | Aphids, Bulb Fly, Iris Borer, Thrips | 1 tbsp/gal water | Treat when insects appear. For Iris borer soak soil around tuberous roots May & June. |
| Vegetable Sets Cabbage | White Grubs Cutworms Wireworms Soil Treatment | 1 tbsp/2 Gal. water. Use 2 Gal of mixture to treat 250 sq.ft. of soil area | Do not apply after thinning. Do not treat plant foliage. Do not use in soil to be used for root crops. Apply around base of plant within 24 hours after sets are placed in soil. Repeat in 14 days. |
| Melons, Peppers, Okra, Tomatoes | Same for Insects as for Cabbage | Same as for cabbage | Do not apply after edible parts start to form. |
| Flowers, Roses, Petunias, Carnations etc | Aphids, Thrips, White Flies, Leafhoppers | 1 tbsp/2-1/2 Gal OR 1-1/4 pt/100 gal | Apply as insect appear. Repeat sprays as needed for control. Thoroughly spray. |

DIRECTION FOR USE
INSECT CONTROL FOR LIVESTOCK

Precautions - Do not apply to Dairy cattle or Dairy Goats. Do not apply spray to Beef Cattle, Hogs, Sheep and Goats within 30 days of slaughter.

Do not apply to these animals within 30 days of giving birth to young nor for at least 3 weeks thereafter. Do not treat nursing animals. Do not apply to Pigs, Sheep and Goats less than 3 months old. Do not apply to calves less than 5 months old. Do not treat animals in cold, stormy weather, Do not treat overheated or sick animals.

Do not apply to feed or forage to be fed to or grazed by livestock or poultry. So not contaminate feed or food crops. Do not use on poultry or in poultry houses.

HORNFLIES on Beef Cattle- Mix 1 tbsp per 2-1/2 gallon water (8 ounces per 40 gallons water). Use a power sprayer to thoroughly treat animals. Treat when flies appear and repeat as needed for control.

LICE & TICKS on Beef Cattle, Horses, Sheep & Goats; Mix 1 tbsp per 2-1/2 gallon water (8 ounces per 40 gallons water). Use a power sprayer to thoroughly wet animals hide. Repeat as needed for control.

SARCOPTIC MANGE MITE, LICE, TICKS on Hogs- Mix 2 tbsp per 2-1/2 gallon water (8 ounces in 20 gallons water). Use a power sprayer to thoroughly wet hide of animals. Do not apply to young animals. Repeat as needed.

SARCOPTIC MANGE on Beef Cattle and PSOROPTIC MANGE (SHEEP SCABIES) on Sheep and Goats - Mix 1 tbsp per 2-1/2 gallon water (8 ounces in 40 gallon water). Use a power sprayer to thoroughly wet animals. Use 2 or more treatments at 7 to 10 day intervals as needed for control. Observe good sanitation practices and spray pens and shelters to prevent reinfestation. Treat infested animals before adding to "herd".

PREMISE SPRAY AND TREATMENTS

Do not apply in Dairy Barns or Milk Rooms.

For FLIES, ROACHES, SPIDERS, ANTS, AND MOSQUITOES in Livestock Pens & buildings spray with a .3% spray solution by mixing 4 tbsp per 1 gallon of water (8 ounces per 4 gallons water.)

Apply 1 gallon of spray mixture to cover 500 sq.ft. of surface. Spray to point of run-off. For crawling insects treat thoroughly cracks, crevices, baseboards and other hiding places. Remove animals before spraying. Do not contaminate milk or milking equipment, feed or drinking water. Repeat as needed for control.

To make a "PAINT" mix 8 ounces per 1 gallon of water. Apply with a brush as a spot treatment to cracks and crevices and other hiding places. Do not use on painted surfaces since it will blister the paint. Do not use in the home. Remove or do not treat or contaminate milk, milking equipment, feed or drinking water..

For TICKS & CHIGGERS on Lawns, Recreation areas, Camp Grounds, Golf Courses and Play Grounds mix 40 ounces in 50 gallons water and apply at the rate of 50 gallon of the mixture per acre. (equals 1/2 lb. actual Lindane per acre). For small areas apply 1 gallon of the spray mixture per 1,000 sq.ft. A small pressure sprayer or power sprayer should be used to insure thorough vegetation coverage.

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18/2

Patterson Green-Up Company
1331 Union Avenue
P.O. Box 4029
Kansas City, MO 64101

Attention: Mr. McLane

Gentlemen:

Subject: Conditional Registration Application
Amendment - General Revision of Labeling
20% Lindane Emulsifiable Concentrate
EPA Registration No. 2169-110
Your Application Dated November 5, 1982

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. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. In our letter of October 22, 1982, we advised you to make label revisions for "Peaches, apples and cherries." This revision was also intended for peach tree borers on peach trees. We suggest the following revision for your comment section for peach tree borers on peaches:

Apply to bark of tree and large limbs in spring.
Apply to trunk, crotch to ground. Soak bark to runoff. Do not apply to fruit or foliage. Do not apply within 60 days of harvest.

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

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-2-

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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

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

Enclosure

RD:LARocca:DCR-39865:WANG-1801C:pjb:Raven:479-2013:12/29/82



ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 17 1983

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
2169-110

LINDANE 20%
CONCENTRATE
For Commercial / Agricultural Use Only
INSECT CONTROL
FOR
ORNAMENTALS-FRUIT TREES
FLOWERS-BULBS VEGETABLES
LIVESTOCK & RESIDUAL SPRAY

| | |
|--|---------------|
| ACTIVE INGREDIENTS: | |
| Lindane (Gamma Isomer of Benzene Hexachloride) | 20.00% |
| Xylene | 66.85% |
| INERT INGREDIENTS: | 13.15% |

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel For Additional Precautionary Statements

STATEMENT OF PRACTICAL TREATMENT

If Swallowed - Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. 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 wash affected areas with soap and water.

If In Eyes - Flush eyes with plenty of water. Get medical attention if irritation persists.

EPA Reg. No. 2169-110

EPA Est. No. 2169-KS-1

Net Contents _____ 8 Oz.; Pint.; Quart.; Gallon.

Patterson Green-Up Company
Div. Curry Cartwright, Inc.
1331 Union Aveue Box 4029
Kansas City, MO - 64101