

155 P15

AUG 8 1985

Connie Yeisley
Prestiss Drug & Chemical Co., Inc.
C.B. 2000
Floral Park, NY 11001

300 / 153665
17 / 12

Dear Mrs. Yeisley:

Subject: Amendment-Label Update
Prentox Lindane 20% Emulsifiable Concentrate
EPA Registration No. 655-579
Your Application Dated June 11, 1985

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy is enclosed for your records.

At the next label printing make the following revisions:

1. Add to Statement of Practical Treatment: Note to Physician: Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally.
2. Change percent of lindane solution for Hornflies on Beef Cattle from "0.3%" to "0.03%."
3. Change "Lindane Concentrate" to either "Prentox Lindane 20% Emulsifiable Concentrate" or to "this product" whenever it occurs in directions for use.
4. Delete second heading of trees or shrubs, etc., on left panel.

Sincerely yours,

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

Enclosure

OPTS/RD:JOB:85843:LaRocca;RD-58;Kendrick & Co;898-1270;8/5/85;Del,8/15/85;eg

CONCURRENCES

Newkirk 8-15							

OFFICIAL FILE COPY

RESTRICTED USE PESTICIDE
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION

prentox® ACCEPTED with COMMENTS in EPA Letter Dated:

LINDANE 20% EMULSIFIABLE CONCENTRATE

ACTIVE INGREDIENTS:	<small>the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 655-579</small>	
Lindane (Gamma Isomer of Benzene Hexachloride)		20.0%
Xylene Range Aromatic Solvent		62.2%
INERT INGREDIENTS:		17.8%
	(Contains 1.83 pounds of Lindane per gallon)	TOTAL: 100.0%

PRENTOX® —Registered Trademark of Prentiss Drug & Chemical Co., Inc

E.P.A. REG. NO. 655-579

E.P.A. EST. NO. 655-GA-1

NET CONTENTS _____ LOT NO _____

KEEP OUT OF REACH OF CHILDREN
CAUTION

STATEMENT OF PRACTICAL TREATMENT

If swallowed — Call a physician or Poison Control immediately. Contains petroleum distillates. Do not induce vomiting. Get medical attention immediately. If inhaled — Remove person to fresh air. Apply artificial respiration, if necessary. If on skin — Remove contaminated clothing and wash area immediately with soap and warm water. If in eyes — Flush with plenty of water and get prompt medical attention.
SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May be absorbed through skin. Harmful if swallowed. Avoid inhalation of spray mist. Avoid skin contact. In case of contact, wash immediately with soap and water. Wash thoroughly after using and before eating or smoking. Avoid contamination of feed and foodstuffs. Food utensils such as teaspoons should not be used for food purposes after use in measuring pesticide. Do not use on household pets and humans. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds and other wildlife feeding in treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

BENEFICIAL INSECT CAUTION

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 AND CHEMICAL HAZARDS

Do not use 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.
AERIAL APPLICATION OF LINDANE IS PROHIBITED.

Do not enter treated areas without protective clothing until sprays have dried.
Because certain states may require more restrictive reentry intervals for various crops being treated with this product, consult your State Department of Agriculture for further information.

Manufactured by



prentiss
Drug & Chemical Co., Inc.

Plant: Kaolin Road
Sandersville, GA. 31082
Office: C.B. 2000
Floral Park, NY 11001

6/85

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FRUIT TREES, VEGETABLES, FLOWERS, AND ORNAMEN-TALS: Apply 0.03% Lindane solution as directed below. Prepare 0.03% solution by adding 1 tablespoonful Lindane Concentrate to 2½ gallons of water or ½ pint to 40 gallons of water.

PEACHES, PLUMS: Aphids, Leafrollers, Thrips. Use 1 gallon of 0.03% spray per 100 square feet. Do not apply within 60 days of harvest.

PECANS: To control Pecan Phylloxera and Short curculio mix 29 ounces with 100 gallons of water. Thoroughly wet the foliage at approximately 30 gallons of spray per tree. Do not apply more than 450 gallons of finished spray per acre (1 gal. 6 ozs. gallons of this product.) Apply by air blast sprayer when the pecan buds are beginning to burst. This is early to mid April. Make only one application. **DO NOT GRAZE TREATED AREAS.** Do not apply within 210 days of harvest.

TOMATOES: Aphids. Use 1 gallon of 0.03% spray per 150 square feet. Do not apply after fruit starts to form.

CABBAGE, CELERY, COLLARDS, CUCUMBERS, LETTUCE, OKRA, PEPPERS, SQUASH, MELONS, TOMATOES: White Grubs, Cutworms, Wireworms: For preplant soil application only. Use 2 gallons for each 250 square feet. Work into soil thoroughly before or during planting. Do not treat land to be planted in root crops.

BULBS (DAFFODIL, GLADIOLUS, HYACINTH, IRIS, LILIES, NARCISSUS, TULIPS): Aphids, Bulb fly, European corn borer, Iris borer, Thrips: Apply when insects appear. Repeat as necessary.

FLOWERS (CARNATIONS, CHRYSANTHEMUMS, COLEUS, DAISIES, GARDENIA, GERANIUMS, HIBISCUS, HASTURTIUMS, PANSIES, PETUNIAS, SWEET PEAS, ZINNIA): Aphids, Blister beetles, Leafhoppers, Thrips: Apply when insects appear. Repeat as necessary.

ORNAMENTALS (AZALEAS, CAMELLIAS, HEATHER, LILACS, RHODODENDRONS, ROSES): Aphids, Blackvine weevil, Cucumber beetles, Thrips, White Fly: Apply when insects appear. Repeat as necessary.

TICKS AND CHIGGERS ON VEGETATION: A minimum dosage of 0.5 pounds of actual Lindane per acre for control of ticks and chiggers on vegetation. Lawns, recreation areas, campgrounds, golf courses. Mix 1 quart thoroughly in 25 gallons of water and apply at the rate of 20 to 25 gallons per acre, or about 1 gallon to 1000 square feet. Cylindrical or knapsack-type hand sprayers may be used over small areas, but power equipment will be most satisfactory for large acreages. Treat ground litter, and the ever parts of plants with this spray.

MEASURE ACCURATELY — STIR THOROUGHLY BEFORE USE

DO NOT SPRAY ANIMALS WITHIN 15 DAYS OF SLAUGHTER.
HORNFLIES ON BEEF CATTLE: Spray animals thoroughly with 0.3% Lindane solution prepared by adding 1 tablespoonful Lindane Concentrate to 2½ gallons of water or ½ pint in 40 gallons. Repeat as necessary. Do not spray calves under 3 months of age.

LICE AND TICKS ON BEEF CATTLE, HORSES, SHEEP & GOATS: Spray animals with 0.03% Lindane solution prepared by adding 1 tablespoonful Lindane Concentrate to 2½ gallons of water or ½ pint to 40 gallons. Wet skin thoroughly. Repeat as necessary. Do not spray calves under 3 months of age.

LICE ON HOGS: Spray animals with 0.06% Lindane solution prepared by adding 2½ tablespoonfuls Lindane Concentrate to 2½ gallons of water or ½ pint to 20 gallons. Repeat as necessary. Do not apply to young animals under 3 months of age.

SARCOPTIC MANGE ON BEEF CATTLE AND HOGS AND PSOROPTIC MANGE (SHEEP SCABIES) ON SHEEP AND GOATS: Spray animals with 0.03% spray prepared by adding 1 tablespoonful Lindane Concentrate to 2½ gallons of water. Wet animals thoroughly. Use 2 or more treatments at 7 to 10 day intervals as needed. Pens and shelters should also be sprayed to prevent reinfestation. Do not spray calves under 3 months of age.

FLIES, ROACHES, SPIDERS, ANTS, MOSQUITOES IN LIVESTOCK PENS AND BUILDINGS: Spray with a 0.3% solution prepared by adding 4 tablespoonfuls Lindane Concentrate to 1 gallon of water, or ½ pint to 4 gallons. Apply 1 gallon of mix for each 500 square feet of surface area or until thoroughly wet, about to runoff. For crawling insects apply thoroughly to cracks, crevices, baseboards and other hiding places. Remove animals before spraying. Do not contaminate milk or milking equipment, feed or drinking water.

INSECTICIDAL PAINT: Use 1.25% Lindane solution prepared by adding ½ pint Lindane Concentrate to 1 gallon of water. Apply with a brush on and around hiding places as a spot treatment. This concentration may blister paint. Do not use in the home. Do not contaminate milk, milking equipment, feed or drinking water.

Applicators must wear the following protective clothing during the application process: a light-weight protective suit or coveralls, water resistant hat, unlined, waterproof gloves, and unlined lightweight boots. Mixers and loaders must also wear goggles or face shield, waterproof gloves and a waterproof apron. Applicators working in enclosed areas, such as crawl spaces, must wear a pesticide respirator jointly approved by MSHA (Mine Safety and Health Administration) and NIOSH (National Institute for Occupational Safety and Health) under the provisions of 30 CFR Part II.

STORAGE AND DISPOSAL

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

STORAGE: If container is damaged: Stop any leaks by repairing the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled area with generous amounts of absorbent material, such as clay, diatomaceous earth, sand or sawdust. Sweep the contaminated absorbent on to a shovel and put the sweepings into a salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or glass container. Do not store, use, pour or spill near heat or open flames.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

TREES OR SHRUBS	BORER AND OTHER INSECTS	DOSEAGE	TIME TO APPLY
Elm (English and Scotch) Birch Larch	Leaf Miners	1 teaspoonful/ 1 gal. water	Apply when small miners appear in early and mid-May. Apply when small miners appear in early July.
Pines	Pine Bark Beetles	1 pint/5 gals. water	Spray trunks thoroughly. Wet trunks to run-off.
Pine Spruce	White Pine Weevil	1 Tablespoonful/gal. water	Apply late April when buds begin to swell. Spray upper parts of trees thoroughly.
Taxus Hemlock	Strawberry Root Weevil Tanus Weevil	1 Tablespoonful/1 gal. water	Apply in May or early June to the trunks and around base of trees, soaking the bark and wetting branch surfaces.
Dogwood Magnolia Coccoloba	Dogwood Borer Rhododendron Borer Lilac Borer	1 Tablespoonful/1 gal. water	Make 2 to 3 applications 7 to 10 days apart in May and early June.
TREES OR SHRUBS	BORER AND OTHER INSECTS	DOSEAGE	TIME TO APPLY
Apples Cherry Peaches	Fruit Tree Bark Beetles Flat-Headed Borers Round-headed Borers	1 Tablespoonful/1 gal. water 3 pints/100 gals. water	Apply to bark of tree trunk and large limbs in spring. Apply to trunk, scratch to ground. Seal bark to run-off. Do not apply to fruit or foliage. Do not apply within 60 days of harvest.
Maple, Aspen, Poplar, Ash, Willow, Elm, Locust	Aphids, Bark Beetles, Wood Boring Beetles	3 pints/50 gals. water 2 Tablespoonful/1 gal. water	Apply in spring when buds begin to swell. Repeat in 10-14 days. Elm — Apply to foliage when Aphids are present during summer, repeat in fall on all trunks to run-off.
Peaches	Peach Tree Borer	3 pints/100 gals. water 1 Tablespoonful/gal. water	Spray lower trunk and around base of tree, soaking bark and wetting trunk from scratch to ground. Do not apply to fruit or foliage. Do not apply within 60 days of harvest.

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