

BEST DOCUMENT AVAILABLE



RESTRICTED USE PESTICIDE
For Application Only By Or Under The
Supervision Of A Certified Applicator

LINDANE 12 1/2%

CONCENTRATE

INSECT CONTROL
FOR ORNAMENTALS, FRUIT TREES, FLOWERS,
BULBS, VEGETABLES, LIVESTOCK
& RESIDUAL SPRAY

ACTIVE INGREDIENTS

Lindane (Gamma Isomer of Benzene Hexachloride)	12.5%
Xylene Range Aromatic Solvent	77.5%
INERT INGREDIENTS	10.0%
Total	100%

ACCEPTED
with COMMENTS
in EPA Letter D-55-2

MAY 15 1964

Keep Out of Reach of Children

CAUTION

STATEMENT OF PRACTICAL TREATMENTS

- If Swallowed — Call a physician or Poison Control Center immediately. Do not induce vomiting. Vomiting may cause aspiration pneumonia.
- If On Skin — Wash area immediately with plenty of soap and water.
- If In Eyes — Flush with plenty of water and get prompt medical attention.
- If Inhaled — Remove victim to fresh air. Apply respiration if indicated.

EPA Reg. No. 38733-22 EPA Est. No. 38733 FL-1

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BILCO ASSOCIATES
AGRICULTURAL CHEMICALS

1140 West 50th Street Hialeah, FL 33012

INSECT CONTROL FOR LIVESTOCK

Precautions — Do not use on dairy animals or poultry. Do not use on emaciated, overheated or sick animals. Do not spray animals within 30 days of slaughter. Do not treat animals under 3 months of age. For animals 3 to 6 months of age use a 0.03% solution by mixing 13 ounces in 40 gallons of water. Do not treat sows within 2 weeks of farrowing nor for at least 3 weeks thereafter. Avoid treating animals in cold stormy weather.

HORNFLIES on Beef Cattle — Mix 5 tsp. per 2 1/2 gallon water (13 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 5 tsp. per 2 1/2 gallon water (13 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 5 tsp. per 2 1/2 gallon water (13 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 5 tsp. per 2 1/2 gallon water (13 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

Precautions — Do not apply in poultry houses, dairy barns or milk rooms.

For FLIES, ROACHES, SPIDERS, ANTS and MOSQUITOES in Livestock Pens & Buildings — Spray with 3% spray solution by mixing 3 ounces per 1 gallon of water (13 ounces per 4 gallons water).

Apply 1 gallon of spray mixture to cover 100 sq. ft. of surface. Spray to point of runoff. For crawling insects treat cracks, crevices, baseboards and other hiding places. Remove animals before spraying. Do not contaminate feed or drinking equipment at feed or drinking water. Repeat as needed for control.

To make a PAINT — mix 13 oz. 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 until well after the paint. Do not use in the home. Remove or don't treat and contaminate milk, milking equipment, feed or drinking water.

For TICKS & CHIGGERS on Lawns, Recreation areas, Camp Grounds, Golf Courses and Play Grounds — Mix 4 pints 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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MAY 15 1984

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CAUTION

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- If Swallowed — Call a physician or Poison Control Center immediately. Do not induce vomiting. Vomiting may cause aspiration pneumonia.
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- If Inhaled — Remove victim to fresh air. Apply first aid as directed.

EPA Reg. No. 38733-22 EPA Est. No. 4875311-1

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

May be absorbed through the skin. Harmful if swallowed. Avoid inhalation of spray mist. Avoid skin contact. Wash immediately with soap and water after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Do not use on or near birds, pets or humans.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding on treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. 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 remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treated area. Application should be timed to provide maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

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

STORAGE AND DISPOSAL

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

Storage — Do not allow to freeze.

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.

NOTE: Buyer assumes all risks of use, storage and handling of this product not in strict accordance with directions given herewith.

- Protective Clothing Required -

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 & loaders must also wear goggles or a face shield, waterproof gloves and a waterproof apron.

- For Structural Treatment -

Applicators working in enclosed areas such as crawl spaces, must wear a respirator designed for protection against Lindane and approved by OSHA (29 CFR 1910.134).

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DIRECTIONS FOR USE

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

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

PLANTS	INSECTS	DOSAGE	COMMENTS
Elm, Birch, Locust	Leaf Miners	2 tsp/gal water	Apply when small mines appear in early & mid May. Treat when small miners appear in July.
Fines	Pine Bark Beetles	26 oz /5 gal water	Spray trunks thoroughly to point of runoff.
Pine, Spruce	White Pine Weevil	5 tsp/gal water	Thoroughly spray entire tree in late April when buds swell.
Taxus, Hemlock	Taxus Weevil	5 tsp/gal water	Apply in May or early June to the trunks & around tree base. Soak the bark and root surface.
Dogwood, Lilac, Rhododendron	Dogwood Borer, Lilac Borer, Rhod. Borer	5 tsp/gal water	Make 3 applications, May 1st, June 1st, July 1st. Treat limbs, twigs and base of trunk.
Apple, Peach, Cherry	Bark Beetles, Flat & Round Head Borers (Bark & Trunk Treatment Only)	5 tsp/gal water 5 pts/100 gal water	Do not apply to fruit or foliage. Apply in spring to trunk and limbs before fruit forms. Bark & Trunk Treatment Only.
Maple, Aspen, Poplar, Ash, Willow, Elm, Locust	Aphids, Bark Beetles, Borers	3 tbs/gal water 5 pts/50 gal water	Apply in spring when buds begin to break. Repeat in 10-14 days. For Aphids, apply when present in summer and fall.
Peaches	Peach Tree Borer (Trunkbase & Soil Treatment Only)	5 tsp/gal water 5 pts/100 gal water	Apply to bark of tree and large limbs in spring. Apply to trunk, crotch to ground. Soak bark to runoff. Do not apply within 60 days of harvest.
Birch	Bronze Birch Borer	5 tsp/gal water	Make 3 treatments, May 1st, June 1st, July 1st. Soak bark.
Bulbs (Tulip, Iris, Glads, Lilies)	Aphids, Bulb Fly, Iris Borer, Thrips	5 tsp/gal water	Treat when insects appear. For Iris Borer, soak soil around tubers & roots, May and June.
Vegetable Sets (Cabbage, Melon, Peppers, Okra, Tomatoes)	White Grubs, Cutworms, Wire worms (Soil Treatment Only)	5 tsp/2 1/2 gal water (2 gal/250 sq ft) of soil area	Do not treat plant foliage. Do not use in soil to be used for next crops. Apply in spring after plants are set.
Flowers (Roses, Petunias, Carnations, etc)	Aphids, Thrips, White Flies, Leafhoppers	5 tsp/2 1/2 gal water 13 oz/40 gal water	Apply when insects appear. Repeat spray as needed for control. Thoroughly spray.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

Mill...

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15 MAY 1984

OFFICE OF PESTICIDES AND TOXIC SUBSTANCES

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17/2*

Frank W. Billett
Mr. Hiles-R. McLane
Bilco Associates
1140 West 50th St.
Bialeah, FL 33012

Dear Mr. McLane:

Subject: Lindane RPAR
Lindane 12-1/2% Concentrate
EPA Reg. No.: 38733-22
Appl. Date: November 15, 1983

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. The RPAR Notice incorrectly indicated the language to be used for the RESTRICTED USE PESTICIDE statement. Delete "For application only by or under the direct supervision of a certified applicator" and insert the following at the top of the front panel above the product name. (Note: the type size requirements for the bearing "RESTRICTED USE PESTICIDE" are the same as required for the front panel signal word.)

"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."

2. Revise your respirator statement to read as follows:

"Wear a pesticide respirator jointly approved by MSHA (Mine Safety and Health Administration) and by NIOSH (National Institute for Occupational Safety and Health) under the provisions of 30 CFR Part 11 for Lindane protection."

3. Revise your "STORAGE AND DISPOSAL" section in accordance with PR Notices 83-3 and 84-1. (Note: ~~one-gallon maximum packaging size~~ is one-gallon; however, type statement may be used.)

(S)

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 ~~May 31~~ ^{June 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-767C)

Enclosure

*PS Delete the word "Insecticide" since this
is a rodenticide. The registration
number will be the same as the insecticide.
Add the word "Rodenticide" to the
labeling.*

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