

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 29 1992

300/5419492
18/9

Mr. Daniel Paradiso, Jr.
The Andersons
d\b\A Parker Fertilizer
201 West Fourth Street
Sylacauga, AL 35150

Dear Mr. Paradiso:

Subject: Amendment - Label
Vertagreen Lindane 12.5 % Concentrate
EPA Registration No. 8660-117
Your Submission dated May 22, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. Following the Statement of Practical Treatment add the following note to physician:

" Note to Physician" This product contains xylene range aromatic solvent, which may present an aspiration hazard. Gastric lavage is indicated if product was taken internally.

2. Under Environmental Hazards, delete "or wetlands" from the second sentence and revise to read as follows:

.....Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

3. Your product has been classified for restricted use and is limited to use by or under the supervision of a certified applicator therefore:

a. The label must carry the following classification block at the top of the front panel.

CONCURRENCES							
SYMBOL	MOATS						
SURNAME							
DATE							

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RESTRICTED USE PESTICIDE

Th use of this product may be hazardous to your health. This product contains lindane, which has been determined to cause tumors in laboratory animals. Risks can be reduced by closely following the use directions and precautions, and by wearing the protective clothing specified elsewhere on this label.

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.

b. Under the heading "Storage and Disposal" delete the caption "For Homeowner Use Only" and also the paragraph beneath it. This product is a Restricted Use Pesticide and can be applied only by certified applicators.

4. Under "Warranty Statement" add the following phrase to the last sentence of the paragraph to read as follows :
.....storage or handling of this product if not use in accordance with label instructions.

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

Sincerely yours,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure:

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8660-117
1 of 6

(FRONT PANEL)

VERTAGREEN® LINDANE 12.5% CONCENTRATE

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

RESTRICTED USE PESTICIDE

The use of this product may be hazardous to your health. This product contains Lindane, which has been determined to cause tumors in laboratory animals. Risks can be reduced by closely following the use directions and precautions, and by wearing the protective clothing specified elsewhere on this label.

For retail sale to, and use only, by Certified Applicators or persons under their direct uses covered by the Certified Applicator's certification.

ACTIVE INGREDIENT:

Lindane (Gamma Isomer of Benzene Hexachloride) 12.50%

***INERT INGREDIENTS:** 87.50%

TOTAL 100.00%

*Contains Xylene

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

PRECAUCION AL USUARIO Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

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 IN EYES: Flush with plenty of water and get prompt medical attention

IF ON SKIN: Wash area immediately with plenty of soap and water.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

NET CONTENTS: 1 GALLON
with COMMENTS
in EPA Letter Dated

EPA Reg. No. 8660-117

SEP 29 1992

EPA Est. 9198-OH-1

Under the Federal Insecticide,
Fungicide, and Herbicide Act

8660-117

BEST AVAILABLE COPY

(BACK PANEL)

NET CONTENTS: 1 GALLON

VERTAGREEN® LINDANE 12.5% CONCENTRATE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May be absorbed through the skin. May be fatal 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 household pets or humans.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

PHYSICAL AND CHEMICAL HAZARDS

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.

PROTECTIVE CLOTHING REQUIRED

Applicators must wear water resistant hat, lightweight protective suit or coveralls, unlined waterproof gloves (natural rubber neoprene, or polyethylene), and unlined lightweight boots, MSHA/OSHA approved respirators are required for applications in enclosed areas such as crawl spaces. Mixer/loaders must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

Aerial application of Lindane is prohibited.

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

<u>PLANTS</u>	<u>INSECTS</u>	<u>DOSAGE</u>	<u>COMMENTS</u>
Elm, Birch, Locust	Leafminers	2 tsp./gal. water	Apply when small miners appear in early and mid-May. Treat when small miners appear in July.
Pines	Pine Bark Beetles	26 oz./5 gal. water	Spray trunks thoroughly to point of run-off.
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 and around tree base. Soak the bark and soil surface.
Dogwood, Lilac, Rhododendron	Dogwood Borer, Lilac Borer, Rhodo Borer	5 tsp./gal water	Make 3 applications; May 1st, June 1st, July 1st. Treat limbs, twigs and base of trunk.
Apple, Peach	Bark Beetles, Flat and Roundhead 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 is formed. Bark and Trunk treatment only. Do not apply within 60 days of harvest of fruit.
Peaches	Peach Tree Borer (Trunkbase & Soil Treatment Only)	5 tsp./gal. water 5 pts./100 gal. water	Do not apply to fruit or foliage. Make 2 treatments July 1st & Aug. 1st. Soak the bark. Do not apply within 60 days of harvest.
Ash, Aspen, Elm, Locust, Maple, Poplar, Willow	Aphids, Bark Beetles, Borers	3 tbsp./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.
Birch	Bronze Birch Borer	5 tsp./gal. water	Make 3 treatments; May 1st, June 1st, July 1st. Soak bark.

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<u>PLANTS</u>	<u>INSECTS</u>	<u>DOSAGE</u>	<u>COMMENTS</u>
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 tuberous roots May and June.
Vegetable Sets (Cabbage, Melon, Peppers, Okra, Tomatoes)	White Grubs, Cutworms, Wireworms (Soil Treatment Only)	5 tsp./2-1/2 gal. (2 gal./250 sq. ft. of soil area)	Do not treat plant foliage. Do not use in soil to be used for root crops. Apply in spring after plants are set.
Flowers (Roses, Petunias, Carnations, etc.)	Aphids, Thrips, White Flies, Leafhoppers	5 tsp./2-1/2 gal. 13 oz./40 gal. water	Apply as insects appear. Repeat sprays as needed for control. Thoroughly spray.

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 oz. in 40 gals. of water. Do not treat sows within 2 week of farrowing nor for at least 13 weeks thereafter. Avoid treating animals in cold stormy weather.

HORNFLIES on Beef Cattle - Mix 5 tsp. per 2-1/2 gals. water (13 oz. per 40 gals. 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 gals. water (13 oz. per 40 gals. water). Use a power sprayer to thoroughly wet animals hide. Repeat as needed for control.

SARCOPTIC MANGE MITE, LICE, TICKS on Hogs - Mix 3 tbsp. per 2-1/2 gals. water (13 oz. in 20 gals. 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 gals. water (13 oz. in 40 gals. 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".

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PREMISE SPRAY AND TREATMENTS

PRECAUTIONS - Do not apply in poultry houses, dairy barns, or milkrooms. For **FLIES, ROACHES, SPIDERS, ANTS, AND MOSQUITOES** in livestock pens and buildings spray with a .3% spray solution by mixing 3-1/4 oz. per 1 gal. of water (13 oz. per 4 gals. water). Do not use in the home.

Apply 1 gal. 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 13 oz. per 1 gal. 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, campgrounds, golf courses and playgrounds, mix 4 pts. in 50 gals. water and apply at the rate of 50 gals. of the mixture per acre (equals 1/2 lb. actual Lindane per acre). For small areas apply 1 gal. of the spray mixture per 1,000 sq. ft. A small pressure sprayer or power sprayer should be used to insure thorough vegetation coverage.

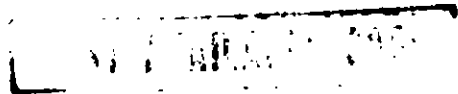
STORAGE AND DISPOSAL

FOR HOMEOWNER USE ONLY:

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

FOR PROFESSIONAL/COMMERCIAL USE ONLY:

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State or local authorities, by burning. If burned, stay out of smoke.



WARRANTY STATEMENT

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer. Buyer assumes all risks of use, storage or handling of this product.

Manufactured by:

**PARKER FERTILIZER CO.
201 4TH STREET
SYLACAUGA, AL 35150**

Date Printed: 05/22/92
Date Approved:
Supersedes:
Label Change:

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