

Southern

AGRICULTURAL CHEMICALS, INC.

PHONE 154-6111



The Sign of Quality

POST OFFICE BOX 107

Kingstree, S. C. 29556

AMENDED
MAR 14 1978
Under the...
Fungicide...
as amended...
registered...
EPA Reg. No. ...

CAUTION

- MAY BE HARMFUL IF SWALLOWED.
- MAY BE ABSORBED THROUGH SKIN!
- DO NOT BREATHE SPRAY MIST.
- AVOID CONTACT WITH SKIN OR EYES. IN CASE OF CONTACT, WASH IMMEDIATELY WITH SOAP AND WATER; FOR EYES, FLUSH WITH WATER AND GET MEDICAL ATTENTION.
- AVOID CONTAMINATION OF FOOD, FEED, SEED, AND FERTILIZER.

OBSERVE THE FOLLOWING—USE PRECAUTIONS

- Do not apply on food crops.
- Do not apply to crops in rotation with root crops.
- Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place away from water supplies.
- Observe use limitations given on the label specific crops.
- Do not apply during bloom when honey bees or other pollinators are active. Avoid drift onto adjoining food and forage crops about to be harvested, or crops in bloom.
- Do not apply on feed or forage crops to be fed to dairy animals or to animals being finished for slaughter.
- This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. 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 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.

The Federal Food and Drug Administration has set official tolerances for certain pesticides residues. In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates, and do not apply closer to harvest than specified.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide, spray, mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place. Consult federal, state or local disposal authorities for approved alternative procedures.

DIRECTIONS FOR USE

Pour recommended amount of this material into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling, mixing and spraying operations. Do not allow mixtures to stand. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine emulsifiable liquids with wettable powders in the same spray tank unless previous use of the materials being combined has proved them to be physically compatible.

RECOMMENDATIONS

TURPENTINE BEETLE (*Dendroctonus terebrans*)
Identification: Reddish brown to dark brown or black

LIND

EMU

AN AGRIC

(Contains)

ACTIVE INGREDIENTS:

Lindane (Gamma Isomer)
Xylene Range Aromatic

INERT INGREDIENTS:

CAUTION: KEEP

PROTECT FROM
DO NOT USE OR STO
DO NOT STORE NE

See Other Pre

Southern Agr

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Manufacturers name, address and telephone number of distributor.

LINDANE 1-E

EMULSIFIABLE LIQUID

AN AGRICULTURAL INSECTICIDE

(Contains 1 lb. Lindane per Gallon)

ACTIVE INGREDIENTS:

Lindane (Gamma Isomer of Benzene Hexachloride)	11.5%
Xylene Range Aromatic Hydrocarbon Solvent	83.4%
INERT INGREDIENTS:	5.1%
	100.0%

CAUTION: KEEP OUT OF REACH OF CHILDREN

PROTECT FROM TEMPERATURES BELOW 35° F.
DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.
DO NOT STORE NEAR ANY PRODUCTS WHICH WILL
ABSORB ODORS

See Other Precautions On Back/Side Panel.

A Product Of

Southern Agricultural Chemicals, Inc.
KINGSTREE, S. C.

in color, barrel-shaped in appearance and varying from 1/4 to 1/2 inch in length. The largest pine bark beetles in S. C. Turpentine beetles make galleries 1/4 to 1/2 inch wide which are usually broad, irregular and up and down in direction. Pitch tubes on the lower trunk, usually not more than 10 feet above ground.

CONTROL (SHADE TREES) Mix 1 gallon of Lindane 1-E with 14 gallons of diesel oil and spray base of tree 18 in. up, higher if there are attacks. **IN CASE OF DANGER TO SHRUBBERY USE WATER SUBSTITUTED FOR OIL.** Repeat at 30-day intervals. Shade trees examined regularly need not be sprayed until infestation begins.

CONTROL (FOREST CONDITIONS) Spray a mixture made with 1 gallon Lindane 1-E to 14 gallons of diesel oil to basal 18 inches of the tree or higher if there are attacks, until it runs freely down the bark. Use small droplet spray (not mist) after loose bark is sloughed off. Spray stumps also as a precaution. Do not apply during rain or on wet bark. Spray is effective for approximately three months.

PINE ENGRAVER BEETLES (Ips) Several Species Identification: From less than 1/16 to nearly 1/4 inch long. Varying in color from reddish brown to nearly black. Adult beetle rear end appears as if it had been cut off at an angle, the upper portion slightly hollowed out and bearing a number of spines. To determine if Ips beetles are present, examine the inner bark for 1/8 inch wide galleries which extend from a central enlarged chamber more or less parallel to grain of the wood.

CONTROL (SHADE TREES) Mix 1 gallon of Lindane 1-E with 55 gallons of water. Spray entire length of

tree at first signs of danger. Repeat at 30-day intervals. If heavy infestation are in the vicinity, preventive sprays may be used for valuable trees. Use above mixture and spray trees for their entire height.

CONTROL (FOREST CONDITIONS) Cut and remove or spray high risk or beetle infested trees, and burn or spray tops. Observe fire damaged trees regularly. If inner bark has turned brown salvage the tree at once. For spraying, use Lindane 1-E mixed with 55 gallons of light petroleum oil. Apply to trunk, tops and stumps as a medium fine spray until it begins to drip. A mist spray is not desirable. Do not spray when bark is wet. Spray is effective for about three months.

SOUTHERN PINE BEETLE (Dendroctonus frontalis) about 1/2 inch in length, a small dark reddish brown to black. Adult beetle rear end rounded with no spines. It has a slight notch on the front of the head between the eyes visible with hand lens. Southern pine beetles make S shaped galleries 1/8 in. wide on inner bark.

CONTROL (SHADE TREES and FOREST CONDITIONS) Use same directions as for Pine Engraver Beetle given above.

NOTE: Follow directions carefully. Toxicity and method of application, weather and crop condition must be taken into other chemicals not specifically mentioned and other influencing factors in the use of this product are beyond the control of the manufacturer. Assume all risks of use, storage or handling of this material in strict accordance with directions given herewith.

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E.P.A. Est. No. 3743-SC-1