

ACCEPTED

Dec 14-1972

WARNING

- MAY BE FATAL 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.

3743-Keep 109

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. This product is toxic to fish, birds, and other wildlife.

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 pesticide 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.

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.

E.P.A. Reg. No. 3743-109

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 mixture 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 in color, barrel-shaped in appearance and varying from 1/4 to 1/2 inch in length. The largest pine bark beetles

BHC

EMULSIFIABLE

AN AGRICULTURAL

(Contains 1 lb. Gamma

ACTIVE INGREDIENTS:

- Gamma Isomer of Benzene Hexachlorocyclohexane
- Other Isomers of Benzene Hexachlorocyclohexane
- Xylene Range Aromatic Hydrocarbons

INERT INGREDIENTS:

WARNING: KEEP OUT OF REACH OF CHILDREN

PROTECT FROM TEMPERATURES ABOVE 100°F

DO NOT USE OR STORE NEAR FOOD, FEED, OR FODDER

DO NOT STORE NEAR ANY PESTICIDES OR OTHER TOXIC SUBSTANCES

ABSORB OILY SUBSTANCES

See Other Precautions on Label

A Product of

Southern Agricultural Chemicals Co.

KINGSTREE, FLA.

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highly toxic to bees exposed to direct es on crops. Protective information from your Cooperative Agricultural and Drug Administration has set for certain pesticide residues. In s on food and forage crops will not tolerances, use only at recommended apply closer to harvest than specified.

DIRECTIONS FOR USE

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RECOMMENDATIONS

BARK BEETLE (*Dendroctonus terebrans*) ish brown to dark brown or black ped in appearance and varying from ngth. The largest pine bark beetles

BHC 1-E

EMULSIFIABLE LIQUID

AN AGRICULTURAL INSECTICIDE

(Contains 1 lb. Gamma BHC per Gallon)

ACTIVE INGREDIENTS:

Gamma Isomer of Benzene Hexachloride (BHC)	11.5%
Other Isomers of Benzene Hexachloride (BHC)	18.3%
Xylene Range Aromatic Hydrocarbon Solvent	65.2%

INERT INGREDIENTS:	5.0%
	<hr/> 100.0%

WARNING: 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 S. C. Turpentine beetles make galleries ¼ to ½ 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 BHC 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 BHC 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 ¼ 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 BHC 1-E with 55 gallons of water. Spray entire length

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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 BHC 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 BHC 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 BHC 1-E with 55 gallons of water. Spray entire length

of tree at first signs of danger. Repeat at 30-day intervals. If heavy infestations 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 BHC 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 1/8 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.

NOTICE: Follow directions carefully.
Timing and method of application, weather and crop condition, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

E.P.A. Reg. No. 3743-109

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D) 18.3%
..... 65.2%
..... 5.0%
..... 100.0%

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