

ADVERTISING AND SALES PROMOTION SERVICES

COPY

FOR: LINDANE 20EC

DATE:

((FRONT PANEL))

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.

AGWAY
LINDANE 20EC

NET CONTENTS
1 gal.
5 gal.

To control certain Christmas tree insects and insects on Shade, Ornamental and Evergreens.

An Agricultural Insecticide Containing 1.7 lbs. Lindane per Gallon.

ACTIVE INGREDIENTS:

Gamma isomer of benzene hexachloride	
from Lindane	20.00%
Xylene range aromatic solvent	54.00%

INERT INGREDIENTS: (not more than)	26.00%
	<u>100.00%</u>

KEEP OUT OF REACH OF CHILDREN ((12 pt))

CAUTION ((18 pt))

See additional precautionary statements on rear panel.

AGWAY INC.

CHEMICAL DIVISION

BOX 4933

SYRACUSE, NY 13221

EPA REG. NO. 8590-384
EPA EST. NO. 8590-PA-1

PCA - OCHABALTY
ELITE - OCHABALTY

ACCEPTED
with COMMENTS
MAR 2 1984
8590-384

OK BY

ADVERTISING AND SALES PROMOTION SERVICES

3037

FOR: LINDANE 20EC

DATE:

((REAR PANEL))

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing spray mist. Avoid skin contact. May be absorbed through skin. In case of contact, wash immediately with soap and water. Do not use on household pets or humans.

ENVIRONMENTAL HAZARDS

Toxic to fish and wildlife. Birds feeding on treated areas may be killed. Do not contaminate waters by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE: Keep away from heat and open flame. Keep container closed. Use only in a well ventilated area. Do not heat the container.

GENERAL INFORMATION

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. This product can be used in low volume, low pressure sprayers as well as high pressure sprayers and mist blowers.

OK BY

SHEET NO 2 of 5

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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.

AERIAL APPLICATION OF THIS PRODUCT IS PROHIBITED.

Applicators must wear the following protective clothing during the application process: a lightweight protective suit or coveralls; water-resistant hat; unlined, waterproof gloves; and unlined, lightweight boots. Mixers and loaders must also wear goggles or a face shield, waterproof gloves and a waterproof apron.

For Residual Control of Foliar and Twig Insects; (Aphids, balsam twig aphid, giant hornet, pine spittlebug, lace bugs, Birch leafminer, Elm leafminer, spittlebugs, thrips, and white pine aphids):

Use the following amount of Agway Lindane 20 EC in the indicated amounts of water -

Hydraulic Application		Mist Blower
Amt/100 gal.	Amt/3 gal.	% Conc.
1.5 pt.	4.5 teaspoonfuls	1%

Lindane will give excellent control of aphids, lace bugs, and phyllids. It will provide general protection against damage by other insects listed above to plants throughout the season with the use of regularly timed treatments.

For Residual Control of Wood Boring Insects - white pine weevil, pine root collar weevil, lepidopterous borers (carpenterworm [locust tree], lilac borer, leopard moth), coleopterous borers and long-horned beetles (locust borer, bronze birch borer, sugar maple borer, dogwood borer, elm borer, rhododendron stem borer):

Use the following amounts of Agway Lindane 20 EC in the indicated amounts of water or percentage in water solution; 2X BY

Hydraulic Application		Mist Blower
Amt/100 gal.	Amt/3 gal.	% Conc.
2 qts.	4 tablespoonfuls	3%

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General Information

Timing of general protective spray is important. A series of three applications is necessary. The first spray should be applied May 10-15 followed by sprays about June 1 and July 1. In colder latitudes such as Upstate New York, sprays should be applied about May 15-20 and repeated June 10 and July 10.

Spruce - For control of Spruce Gall Aphid and Cooley Spruce Gall Aphid, apply 1 1/2 pt. of Agway Lindane 20 EC per 100 gallons of water (for smaller quantities, use 4.5 teaspoons per three gallons of water). Spray trees in early April (1st-15th) before the buds begin to swell and again in early May when weather warms up and before the white cottony egg masses appear. Avoid spraying trees when there is a danger of freezing before spray has dried on the tree. Use of a spreader sticker such as Nu-Film is recommended.

Pines, Spruce and Christmas Trees - For control of Bark Beetles apply 1 pint Agway Lindane 20 EC per 5 gallons of water. Spray trunks and branches of growing trees June 1 and again about August 1.

USE OF EXTENDER STICKER SPREADER WITH LINDANE SPRAYS:

To extend the efficiency of insecticidal sprays use 2 pints of Miller Nu-Film-17 per 100 gallons of water per acre when applied by ground equipment. This formulation is particularly effective when combined with Lindane for use on Christmas Trees.

Nu-Film-17 is a superior STICKER agent designed for use with pesticides. It is compatible in the spray tank with all commercially used pesticide products. It forms a sticky, elastic film which tenaciously holds the pesticide on the crop foliage. This protective film greatly reduces the effects of environmental degrading factors, which reduce the effectiveness of pesticide sprays after the spray residue has been on the crop for a number of days. Nu-Film-17 prevents rainfall and wind erosion of pesticides from the leaf surfaces. It also shields the pesticide spray residue from heat and ultra-violet radiation which often cause pesticide degradation.

Under most conditions, apply sprays containing Nu-Film-17 at a rate of 4 pints per acre. For detailed information on the use of Nu-Film-17, refer to the product literature.

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EQUIPMENT: A hydraulic sprayer is satisfactory for control of all Christmas tree insects. However a fully loaded power-driven hydraulic sprayer is normally heavier than a mist blower and may limit its use on rough or sloping soils. A mist blower uses concentrated spray mixture with small quantities of water - as little as 30 gallons of water can be used to an acre - while a hydraulic sprayer uses 100 or more gallons of water to an acre. Using a mist blower or a hydraulic sprayer requires careful, thorough and timely spraying. Effective protection requires thorough coverage.

STORAGE AND DISPOSAL (12 pt)

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

Keep side in original container. Do not store concentrate or diluted product in food or drink containers. Do not store or transport near food or feed.

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinse water 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.

(1 gal. glass) Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures.

(5 gal. metal) 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.

DISCLAIMER: Buyer assumes all risks of use, storage or handling not in strict accordance with directions given herewith.

NOTE: This pesticide is to be sold only in this original, unbroken package.

