

BEST IN CLASS

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
(& DOMESTIC ANIMALS)  
WARNING**

May be fatal if swallowed. May be Absorbed Through Skin. Do not breathe dust or spray mist. Do not get in eyes, on skin or on clothing. Causes eye and skin irritation. During exposure in seed treatment and loading operations wear goggles, clean synthetic rubber gloves, protective clothing. Wash hands, arms and face thoroughly with soap after handling and before eating or smoking. Routinely shower or bathe after work and wash work clothes with soap and hot water before reusing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds, and wildlife. Do not apply directly to lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of all excess treated seeds by burial away from bodies of water.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop cover crop or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Applicators who apply this product manually or without the use of a closed-system treatment procedure must wear the following protective clothing during the application process: long-sleeved shirt; long pants; gloves; and a disposable, paper dust mask which covers at least one-third of the face.

This product should be applied in a well-ventilated area.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all directions before using and use only as specified on this label.

**STORAGE AND DISPOSAL**

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

- 1. STORAGE:** Store in a cool, dry place. Do not allow to freeze or become overheated.
- 2. PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.
- 3. CONTAINER DISPOSAL:** Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration if permitted by State and Local authorities.

**DIRECTIONS:** Thoroughly mix the recommended amount of this product into the required amount of water for the slurry treater equipment and dilution rate to be used. Clean equipment thoroughly between treating operations. Store all treated seed in a cool dry place.

**IMPORTANT:** Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time. Seed commercially treated with this product must be labeled in accord with all applicable requirements of the Federal Seed Act. Labels attached to treated seed must state "Treated seed must not be used for or mixed with food or animal feed or processed for oil" and "Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water."

**NOTE TO USER**

The purchaser of this product is responsible for insuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR Part 225. Any dye added to treated seed must be cleared for use under 40 CFR Part 180.1001.



**LINDANE 400 UNDYED  
Flowable Liquid**

<b>ACTIVE INGREDIENT:</b>	<b>BY WT.</b>
Lindane (Gamma Isomer of Benzene Hexachloride)	40.0%
<b>INERT INGREDIENTS:</b>	<b>60.0%</b>
	<b>100.0%</b>

**FOR AGRICULTURAL USE ONLY**

**KEEP OUT OF THE REACH OF CHILDREN  
WARNING**

**STATEMENT OF PRACTICAL TREATMENT**

- If swallowed** — Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything to an unconscious person.
- If inhaled** — Remove victim to fresh air. Apply respiration if indicated.
- If on skin** — Remove contaminated clothing and wash the affected areas with soap and warm water.
- If in eyes** — Flush eyes for at least 15 minutes with water. Call a physician or Poison Control Center immediately.

See side panel for additional precautionary statements.

**STORE IN A COOL DRY PLACE.  
STIR THOROUGHLY TO MIX CONTENTS BEFORE USING**

**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 APPLICATORS CERTIFICATION.**

EPA Est  
EPA Reg No. 43789-51

**Gal. Net**

Manufactured by

**AGRICULTURAL PRODUCTS CO., Greeley, Colorado 80632**

## GENERAL INFORMATION

This product is formulated to protect seeds against wireworms, seed corn maggot and certain other soil born insects. It may be used in liquid or slurry treatments and the entire container should be mixed thoroughly and used at one time. Do not combine with other suspensions, wettable powders or emulsifiable concentrates unless previous experience assures compatibility. This product contains effective binding agents to hold the Lufenon on the seed during soaking, storing, and planting.

### SEED TREATMENT DOSAGE RATES

TYPE OF SEED	FLUID OUNCES PER 100 POUNDS
Alfalfa, Clover	1-1 1/2 fl. oz.
Barley	2-3 fl. oz.
Beans	
Bush Snap and all others except Limas	1-2 fl. oz.
Baby Bush Limas	1-2 fl. oz.
Standard and Fordhook Large Limas	1-1 1/2 fl. oz.
Cabbage, Cauliflower, Broccoli, Brussel Sprouts, Radish	1-1 1/2 fl. oz.
Cantaloupe, Cucumber, Watermelon, Squash, Pumpkin	2-3 fl. oz.
Carrots, Onions	2-3 fl. oz.
Corn	2-4 1/2 fl. oz.
Cotton	
Acid Delinted	3 1/2-5 fl. oz.
Machine Delinted	3 1/2-5 fl. oz.
Fuzzy, Undelinted	4-6 fl. oz.
A	1-1 1/2 fl. oz.
Grass (Safflower, Rye, Sudan)	1-1 1/2 fl. oz.
Lentils	1 1/2-2 1/2 fl. oz.
Milo, Sorghum, Okra	2-3 fl. oz.
Lettuce	2-2 1/2 fl. oz.
Oats	1-1 1/2 fl. oz.
Peas	2-3 fl. oz.
Soybean	1-1 1/2 fl. oz.
Spinach, Sunflower	2-3 fl. oz.
Wheat	4-1 1/2 fl. oz.

IF SOIL TEMPERATURE IS EXTREMELY HIGH (hot weather, mid-summer planting or other reasons) reduce recommended dosage by one-half. Where seed decay occurs due to soil organisms combine with a protective fungicide. It is suggested that seed be treated not over six weeks before planting. What effect prolonged storage has on germination has not been definitely established. Treated seed should be stored in a dry place until planted so that excess moisture may evaporate. If seed is stacked when wet, mold may develop which impairs germination.

**FOR USE ON BEEF CATTLE:** For control of ticks, lice, screwworms, sprays and ticks, use 10 oz. mixed with 100 gallons water for dip or spray. Keep spray mix well agitated. Do not dip animals within 60 days of slaughter or spray within 30 days of slaughter. Do not treat calves under 3 months of age. Keep at least 15 days between treatment intervals. DO NOT USE ON DAIRY CATTLE. Do not dip or spray during overheat or such conditions.

Dip dip solutions must be disposed of in accordance with The Resource Conservation & Recovery Act (RCRA). If the applicator generates more than one thousand lb. of used dip solution per month or more than one thousand kilograms of used dip solution in combination with other hazardous waste, the material must be treated as a hazardous waste subject to Sub-Part C of RCRA. Any one who wishes to treat, store or dispose of hazardous waste must obtain a permit to serve as a hazardous waste facility pursuant to RCRA.

**FOR USE ON BARN, SHEDS:** For fly control, use one quart of this product in 100 gallons spray water. Keep spray mix well agitated. Spray to thorough coverage but not to run-off. Use caution not to contaminate feed, feed or watering troughs, or any dairy equipment. Remove animals from barn before spraying such housing.

DO NOT USE IN POULTRY HOUSES, DAIRY BARN, OR MILK ROOMS

#### OTHER AGRICULTURAL USES:

**Apples:** For aphids, use 2/3 pint per 100 gallons water. May be used as late as petal fall for control of rosy apple.

Do not apply more than 5 pints per acre per application. Do not use within 60 days of harvest.

**Cherries:** For aphids, use 1/3 pint per 100 gallons water. Do not apply to foliage in fruit after fruit starts to form.

**Grapes:** Grape Phylloxera (leaf hoppers) use one quart per acre in sufficient water for good coverage for control. Do not use within one week after bloom. Apply when galls first appear on leaves and repeat in 7 to 10 days.

**Pears:** For aphids, use 2/3 pint per 100 gallons water. Do not use within 60 days of harvest.

**Pines and Pines:** For aphids, use 2/3 pint per 100 gallons water. Do not use within 60 days of harvest.

**FOR USE ON ORNAMENTALS, GREENHOUSE ORNAMENTALS, NURSERY PLANTS:** Use 6 ounces per 100 gallons of water (1/4 or 1/2 gallon water) for control of aphids. Use 1/2 pint per 100 gallons water for control of leaf hoppers, leaf miners, leaf rollers, psylla, grasshoppers, etc. Repeat applications as necessary or as indicated. Always wear eye protection and gloves. USE CAUTION. Lufenon is toxic to some plants and ornamentals. Use with care and check with local authorities for specific use recommendations.

### NOTICE — READ CAREFULLY

**CONDITIONS OF SALE:** Seller's offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Seller's.

**WARRANTY LIMITATION:** Seller's warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Seller's makes no other express warranties. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY and there are no warranties which extend beyond the description on the label hereof.

**INHERENT RISKS:** The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with its use. Buyer assumes all risks associated with use or application of this product contrary to label instructions or resulting from extraordinary weather conditions.

**LIMITATION OF LIABILITY:** In no case shall Seller's be liable for special, indirect, or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

LAST DOCUMENT AVAILABLE

Handwritten notes and signatures, including a date "MAY 1974" and a signature "M. J. ...".

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

435-112195  
37/1

19 MAY

Mr. [Name]  
Federal Bureau of Investigation  
Washington, D.C.

REC-118176  
17/2

Dear Mr. [Name]:

Subject: Amendment to registration for [Product Name]  
EPA Registration No. 437-00-01  
Your Application dated November 13, 1967

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

1. Add "or convulsing" between "unconscious" and "person" in the "If Swallowed" advice.
2. Add "artificially before" in the "If Released" advice.
3. Revise the "If Released" advice to read:

Do not allow to come in contact with water, soil, or vegetation.

4. Revise the "If Released" advice to read:

Do not allow to come in contact with water, soil, or vegetation. Do not allow to come in contact with animals or humans.

SYMBOL ▶

SURNAME ▶

DATE ▶

EPA Form 13 (Rev. 1-67)

FOR OFFICIAL USE ONLY

OFFICIAL FILE COPY

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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 April 1, 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-767)

Enclosure

RD-IRB:DCR-05495:LaRocca:mar:Raven:557-2226:CBI-20:3/13/84:Del.3/28.84