

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

34704-220

FEB 5 1990

Mr. J. Allen Dunlap III  
Platte Chemical Company  
P.O. Box 657  
Greeley, CO 80632

Dear Mr. Dunlap:

Subject: Amendment - Update labeling in Accordance with Lindane Registration Standard; Remove Dye in Response to Rhodamine B DCI  
Clean Crop Lindane 75 WP Dyed Seed Treater  
EPA Registration No. 34704-220  
Your Applications Dated February 11, and April 29, 1988 and August 31, 1989

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. Update the Environmental Hazards Statement by changing "disposal of equipment or disposal of wastes" to "disposal of equipment washwaters."

2. Our calculations show 75.1% active ingredient if the product is formulated according to the submitted CSF; therefore the lower limit claim can not exceed this figure or the amount of Lindane technical must be increased accordingly.

3. Although we do not object to the inert of concern, Rhodamine B, from the product formulation we would have preferred substitution of another EPA-approved dye. Since this product is intended for use in treating seed and can be used by commercial seed treaters the label must now bear a statement requiring the user to add an EPA-approved dye with the pesticide during the seed treatment process. An acceptable statement is as follows:

NOTE TO USER

Seed commercially treated with this product must be adequately dyed with a suitable color to prevent its accidental use as a food for man or feed for animals.

Alternatively, you may limit this product for use solely as at-planting or hop or box treatment and delete all reference to commercial treatment.

CONCURRENCES

SYMBOL	4. Rather than dropping the word "Dyed", we prefer the word "Undyed" be used in its place.					
SURNAME						
DATE						

Richards

5. The If In Eyes Statement should read "If in Eyes - flush eyes with plenty of water. Call a physician if irritation persists."

Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

George T. LaPocca  
Product Manager 1<sup>st</sup>  
Insecticide-Rodenticide Branch  
Registration Division (EPC-10)



# LINDANE 75 WP DYED SEED TREATER

<b>AGRICULTURAL INSECTICIDE</b>	<b>WETTABLE POWDER</b>
<b>ACTIVE INGREDIENT:</b>	<b>BY WT.</b>
LINDANE (Gamma Isomer of Benzene Hexachloride)	75.0%
<b>INERT INGREDIENTS:</b> .....	25.0%
<b>TOTAL</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 back of the throat with finger. Repeat until vomit is clear. Call a physician immediately. Do not induce vomiting or over-antidote by treatment unless conscious or convulsing person.
- IF INHALED**—Remove victim to fresh air. Apply respiration if indicated.
- IF ON SKIN**—Wash the affected area with soap and warm water.
- IF IN EYES**—Immediately flush eyes with running water for at least 15 minutes. Call a physician.

See side panel for additional precautionary statements

STORE IN A COOL, DRY PLACE.

STIR CONTENTS THOROUGHLY INTO  
WATER BEFORE USING.

NET WEIGHT \_\_\_\_\_ POUNDS

EPA REG. NO. 34704-220

EPA EST. NO. \_\_\_\_\_

FORMULATED FOR  
**PLATTE CHEMICAL COMPANY INC.**  
 150 SO MAIN STREET      FREMONT, NEBRASKA 68025  
CLEAN CROP is a registered TM of CHEMICAL PRODUCTS, INC.

FEB 1980

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# PRECAUTIONARY STATEMENT'S

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### WARNING

May be fatal if swallowed. May be absorbed through skin. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Causes eye and skin irritation. 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, clean synthetic rubber gloves and goggles, and a disposable, paper dust mask which covers at least one third of the face. This product must be applied in a well-ventilated area. 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 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.

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 seed by burial away from bodies of water.

### 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

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

**STORAGE:** Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing and equipment listed under "PRECAUTIONARY STATEMENT" when handling open containers.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate 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.

**CONTAINER DISPOSAL: Paper:** Completely empty can into application equipment. Then dispose of empty can in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. **Plastic:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**GENERAL:** 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.

### SPECIAL USE PRECAUTIONS

**IMPORTANT:** Treated seed must not be used for human consumption nor as animal feed. Bags containing treated seed should be labeled.

### TREATED SEED DO NOT USE FOR FEED, FOOD, OR OIL PURPOSES

"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."

### PRODUCT INFORMATION

This product is a microfine wettable powder agricultural insecticide designed especially for the treatment of seeds against wireworms, seed corn magots, and certain other soil-borne insects. It contains an effective binding agent to help hold the Lindane on the seeds during sacking, storing, and planting. It is designed for wet application through slurry treaters.

### SEED TREATMENT DOSAGE RATES

TYPE OF SEED	OUNCES PER 100 POUNDS
Alfalfa Clover	2 1/2 oz
Barley	1 1/2 oz
Beans	
All except Standard & Fordhook Large Limas	2 1/2 oz
Standard and Fordhook Large Limas	1 1/2 oz
Broccoli, Brussels Sprouts, Cabbage	
Cauliflower, Radish	2 1/2 oz
Cantaloupe, Cucumber, Pumpkin	
Squash, Watermelon	1 1/2 oz
Corn	1 1/2 oz
Cotton, Acid or Machine Delinted	1 1/2 oz
Cowpeas	1 1/2 oz
Flax	2 oz
Lettuce	1 1/2 oz
Milo, Sorghum	1 1/2 oz
Oats	2 1/2 oz
Okra	1 1/2 oz
Onions	1 oz
Peas	1 oz
Rye	2 1/2 oz
Safflower	2 oz
Sorghum	1 1/2 oz
Soybeans	2 1/2 oz
Spinach	1 oz
Sudan Grass	1 1/2 oz
Sugar Beets	4 oz
Sunflower	1 1/2 oz
Tomatoes	2 1/2 oz
Wheat	1 1/2 oz

Only seed of high germination with good vigor should be treated with Lindane. Poor seed may suffer greater injury. 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, heat may develop which impairs germination.

If temperature is extremely high due to hot weather, midsummer planting, or other reasons, reduce recommended dosages by one half. Where seed decay occurs due to soil-borne fungi, combine with a protective fungicide.

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**NOTICE OF WARRANTY**

Manufacturer and Seller warrant that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Manufacturer and Seller. In no case shall Manufacturer and Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Manufacturer and Seller make no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

RQ Lindane Mixture  
NA2761

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