

PM 13 34704-122

9/18/88 1986

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 18 1991

655/402-097
17

Mr. J. Allen Dunlap III
Platte Chemical Company
419 18th Street
P.O. Box 667
Greeley, CO 80323

Dear Mr. Dunlap:

Subject: Amendment - Updated Labeling in Accordance to Lindane
Registration Standard
Clean Crop Lindane 25 Seed Treater
EPA Registration No. 34704-122
Your Letters Dated February 11, 1986, April 24, 1986,
May 24, 1988, September 19, 1989 and September 10, 1991

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. Revise the first paragraph of the Environmental Hazards statement as follows:

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water, areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate when disposing of equipment washwater.

- 2. Under the "Seed Treatment Dosage Rates" table, revise Grass (Safflower, Rye, Sudan) to appear as 3 separate entries, specifically Safflower, Rye, Sudangrass. Note that "Rye" should not appear as "Ryegrass" since it is a different crop and "Grass" should not appear on the labeling since a tolerance is not established for this crop.

- 3. Since this product is intended for use in treating seed and can be used by commercial seed treaters, the label must bear a statement requiring the user to add an EPA-approved dye with the pesticide during seed treatment

SYMBOL							
SIGNATURE	J.A.						
DATE							

process. An acceptable statement is as follows:

NOTE TO USER

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

Submit five 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. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

PM 13 34704-122

3026



LINDANE

25

SEED TREATER

ACTIVE INGREDIENTS:	BY WEIGHT
Lindane	
(Gamma Isomer of Benzene Hexachloride) ...	25.0%
INERT INGREDIENTS*	75.0%
	TOTAL
	100.0%

*This product contains xylene.

DIRECTIONS FOR USE
It is a violation of State and 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.

STORAGE: Do not store below temperature of 32°F. 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 can affect package strength. Personnel should use clothing and equipment listed under "PRECAUTIONARY STATEMENTS" 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: Glass: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures. 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. 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.

KEEP OUT OF REACH OF CHILDREN

WARNING

Read Below for Additional Handling Precautions
Only for Sale To, Use and Storage by Agricultural
Personal or Commercial Applicators.

SHAKE WELL BEFORE USING.

EPA REG. NO. 34704-122 EPA EST. NO. _____
NET CONTENTS _____ U.S. GALLONS

28375 10Y88

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. May be absorbed through skin. Do not breathe vapor. 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, goggles, clean synthetic rubber gloves; 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.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. **DO NOT INDUCE VOMITING:** vomiting may cause aspiration pneumonia.
If Inhaled: Remove victim to fresh air. Apply respiration if indicated.
If On Skin: Remove contaminated clothing and wash affected areas with soap and water.
If In Eyes: Flush eyes for at least 15 minutes with water. Call a physician if irritation persists.

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.

Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seeds by burial away from bodies of water. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

PRODUCT INFORMATION

LINDANE 25 SEED TREATER is a Xylene base agricultural insecticide especially for the treatment of seeds against Wireworms, Seed Corn Maggots, and certain other soil-borne insects. It is designed for wet application through slurry treaters.

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 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."

SEED TREATMENT DOSAGE RATES

TYPE OF SEED	OUNCES PER 100 POUNDS
Alfalfa, Clover	2.0 fl. oz.
Berseem	3.1 fl. oz.
Beans:	
Bush, Snap and all others except Lima	2.0 fl. oz.
Baby Bush Lima	2.0 fl. oz.
Standard and Fordhook	
Large Lima	1.0 fl. oz.
Cabbage, Cauliflower, Broccoli,	
Brussels Sprouts, Radish	2.0 fl. oz.
Cantaloupe, Cucumbers, Watermelon,	
Squash, Pumpkin	4.0 fl. oz.

In EPA Letter Dated

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LINDANE 25

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Carrots, Onions	4.0 fl. oz.
Corn	4.0 fl. oz.
Cotton:	
Acid Delineated	6.4 fl. oz.
Machine Delineated	6.4 fl. oz.
Fuzzy, Undelineated	7.2 fl. oz.
Flax	2.0 fl. oz.
Grass (Safflower, Ryegrass, Sorghum)	1.6 fl. oz.
Lentils	3.2 fl. oz.
Milk, Sorghum, Oats	4.0 fl. oz.
Lettuce	4.0 fl. oz.
Oats	1.6 fl. oz.
Peanut	3.2 fl. oz.
Soybean	2.0 fl. oz.
Spinach, Sunflower	4.0 fl. oz.
Wheat	1.0-2.0 fl. 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 SOIL TEMPERATURE IS EXTREMELY HIGH due to hot weather, midsummer planting, or other reasons, reduce recommended dosage by one-half. Where seed decay occurs due to soil organisms combine with a protective fungicide.

NOTICE

This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

FORMULATED FOR
PLATTE CHEMICAL CO.
189 SO. MAIN STREET FREMONT, NEBRASKA 68025

**PRECAUTIONARY
STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS
WARNING**

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PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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PRODUCT INFORMATION

LINDANE 25 SEED TREATER is a Xylene base agricultural insecticide especially for the treatment of seeds against Wireworms, Seed Corn Weevils, and certain other soil-borne insects. It is designed for wet application through slurry treaters.

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. Use only those seeds needed for immediate use, minimizing the interval between treatment and planting time. Seed commercially treated with this product must be labeled in co-



**LINDANE
25
SEED TREATER**

ACTIVE INGREDIENTS:	BY WEIGHT
Lindane	
(Gamma Isomer of Benzene Hexachloride)	25.0%
INERT INGREDIENTS*	75.0%
TOTAL	100.0%

*This product contains xylene.

**KEEP OUT OF REACH OF CHILDREN
WARNING**

Read Side Panel for Additional Handling Precautions

Only for Sale To, Use and Storage by Agricultural Personnel or Commercial Applicators.



SHAKE WELL BEFORE USING.

EPA REG. NO. 34704-122

EPA EST. NO.

NET CONTENTS

U.S. GALLONS

207
**LEAN
CROP.**

LINDANE 25 SEED TREATER

ACTIVE INGREDIENTS:	BY WEIGHT
Lindane (Gamma Isomer of Benzene Hexachloride)	25.0%
INERT INGREDIENTS*	75.0%
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SHAKE WELL BEFORE USING.

REG. NO. 34704-122

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NET CONTENTS _____ U.S. GALLONS

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SEED TREATMENT DOSAGE RATES TYPE OF SEED — OUNCES PER 100 POUNDS

Alfalfa, Clover	2.0 fl. oz.
Barley	3.2 fl. oz.
Beans:	
Bush, Snap and all others except Lima	2.0 fl. oz.
Baby Bush Lima	2.0 fl. oz.
Standard and Fordhook Large Lima	1.0 fl. oz.
Cabbage, Cauliflower, Broccoli, Brussels Sprouts, Radish	2.0 fl. oz.
Carrots, Cucumbers, Watermelon, Squash, Pumpkin	4.0 fl. oz.
Carrots, Onions	4.0 fl. oz.
Corn	4.0 fl. oz.
Cotton:	
Acid Deltoid	8.4 fl. oz.
Machine Deltoid	8.4 fl. oz.
Fuzzy, Undeltoid	7.2 fl. oz.
Flax	2.0 fl. oz.
Grass (Safflower, Rye, Sudan)	1.6 fl. oz.
Lentils	3.2 fl. oz.
Milo, Sorghum, Oats	4.0 fl. oz.
Lettuce	4.0 fl. oz.
Oats	1.6 fl. oz.
Peas	3.2 fl. oz.
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FLAMMABLE LIQUID

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INSECTICIDE LIQUID NOS
RQ Lindane NA1993

FORMULATED FOR
PLATTE CHEMICAL CO.
180 SO. MAIN STREET
FREMONT, NEBRASKA 68028