

ACCEP  
 FEB 22 2  
 413

# PIONEER BRAND



**45%  
 CHLORDANE  
 EMULSION  
 CONCENTRATE**  
 Kills Lawn  
 Insects and  
 Household  
 Pests

**WARNING**  
 Keep out of  
 Reach of  
 Children  
 See back  
 panel for  
 additional  
 Cautions



**DIRECTIONS**

**NIGHT CRAWLERS:** Apply 1/2 pt. to 1,000 sq. ft. of lawn area in 7 1/2 to 15 gallons water. Water thoroughly after application or use 2 4/5 gal. in 327 to 653 gal. water per acre.

**WARNING:** Harmful if swallowed. Contact with skin can cause toxic symptoms. Avoid breathing spray mist. In case of contact with skin, wash with soap and water. Avoid contamination of feed and foodstuffs. Keep out of reach of children. Keep children and pets off treated area until spray is washed in and dried.

This product is toxic to fish and wildlife. Keep out of any body of water. Birds and other wildlife in treated areas may be killed. 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. Apply this product only as specified on this label.

This product is toxic to fish and wildlife. Keep out of any body of water.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperation Agricultural Extension Service.

Do not reuse empty container. Wash thoroughly with water and detergent. Discard in a Safe place.

Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

**DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.**

Make sure to read...  
 overfish, Crickets, ...  
 Crickets, Wire-...  
 Wireworms, Flea...  
 Plant Bug, Leaf...  
 no control over...  
 either expressed...  
 to misuse, im-...  
 persons, crops,  
 per handling or

**BARTELS & SHORES**

45% CHLORDANE EMULSION CONC.

PIONEER BRAND

qt. size and smaller

EPA 413-19



# PIONEER



HOUSEHOLD PESTS

LAWN INSECT CONTROL

NOTICE

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**CHLORDANE**  
**EMULSION**  
**CONCENTRATE**  
 Kills Lawn  
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**CONTAINS**  
**1 QUART**

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NIGHT CRAWLERS

WARNING

**CONTAINS 1 POUND TECHNICAL CHLORDANE PER QUART**  
**ACTIVE INGREDIENTS:**  
 Technical Chlordane\* ..... 45%  
 Aliphatic Petroleum Hydrocarbons ..... 45%  
 -----  
 90%  
**INERT INGREDIENTS** ..... 10%  
 -----  
 100%

Equivalent to 27% Octachloro-4, 7-methanotetrahydroindane and 18% related compounds.

EPA REG. No. 413-10  
DISTRIBUTED BY

*Chemical Company*

**1400 ST. LOUIS AVENUE KANSAS CITY, MISSOURI**

# IMPERIAL 10% CHLORDANE GRANULES

## GENERAL DIRECTIONS

10% Chlordane Granules should be thoroughly mixed into the soil prior to planting or transplanting in the Spring.

**BROADCAST APPLICATIONS:** Apply the proper amount of 10% Chlordane Granules to the soil. See chart. After application, the maximum insecticide in the soil as uniformly as possible.

**ROW OR BAND TREATMENT:** For preplanting, apply the proper amount of 10% Chlordane Granules in a band 6 to 8 inches wide. See chart. After application, stir as much insecticide in the soil as uniformly as possible. **Do not use band treatment on potatoes grown by ridging cultivation practice.** It should be noted that band treatment is not effective for some row crops. See chart.

### INCREASE DOSAGE 50% ON PEAT OR MUCK SOILS

#### VEGETABLES

CROP	INSECTS	Pounds per 1,000 sq. ft.	
		Brdcast	Row or Band (Use at preplanting, planting, or transplanting time only)
Beets	White-Fringed Beetle, Grubs, Wireworms	1 lb.	
Broccoli, Peas	Cutworms	2 lb.	
Cauliflages	Cutworms	2 lb.	
	Wireworms, White Grubs	1 lb.	1 lb.
Cauliflages	Cabbage Maggot	1 lb.	
	Ants, Cutworms, Flea-beetle Larvae	1 lb.	
Cauliflages, Cabbage	Wireworms, Cabbage Maggot	1 lb.	
	White Grubs	1 lb.	
Cauliflages, Sweet	Ants, Corn Rootworm Larvae, Japanese	1 lb.	
	Beetle Grubs, White-fringed Beetle Larvae	1 lb.	
Cauliflages, Sweet	Wireworms, Flea-beetle Larvae	1 lb.	
	Ants, Rootworms, Green June Beetle Grubs	1 lb.	
Cauliflages, Sweet	Wireworms, White-fringed Beetle	1 lb.	
	Grubs, White Grubs	1 lb.	
<b>MAY BE INJURIOUS TO SOME VARIETIES</b>			
Cauliflages, Sweet	White Grubs, Wireworms, Colorado Beetle Larvae	1 lb.	
	Cutworms	2 lb.	
Cauliflages, Sweet	Wireworms, Flea-beetle Larvae	1 lb.	
	Wireworms	1 lb.	
Cauliflages, Sweet	Cutworms, Mexican Beetles	1 lb.	
	Cutworms	2 lb.	
Cauliflages, Sweet	Wireworms, White Grubs	1 lb.	
	Wireworms	1 lb.	
<b>DO NOT USE ON GREEN OR SPRING ONIONS</b>			
Cauliflages, Sweet	Wireworms	1 lb.	
	Cabbage Maggot	1 lb.	
Cauliflages, Sweet	Cutworms	2 lb.	
	Flea-beetle Larvae, Wireworms, White Grubs	1 lb.	
Cauliflages, Sweet	Male Crickets	1 lb.	
	Cutworms	2 lb.	
Cauliflages, Sweet	Flea-beetle Larvae, Wireworms, White Grubs	1 lb.	
	White-fringed Beetle Grubs	1 lb.	
Cauliflages, Sweet	Cutworms	2 lb.	
	Flea-beetle Larvae, Wireworms, White Grubs	1 lb.	

**CAUTION:** Harmful if swallowed. Contact with skin causes toxic symptoms. Avoid breathing dust. In case of contact with skin, wash with soap and water. Avoid contamination of feet and food stuff. Keep out of reach of children. Keep children and pet off treated areas until this material is washed into the soil and grass is dry.

This product is toxic to fish and wildlife. Keep out of any body of water.

**ANTIDOTE: External** - In case of spill on skin, wash promptly with soap and water. **Internal** - Emetic of 1 table-spoonful mustard or number of water. Call a physician. Do not reuse empty container. Destroy in by burning with waste or burning. Stay away from smoke or fumes.

**EARTHWORMS:** Apply 1 to 2 lbs. of 10% Chlordane Granules per 1,000 sq. ft. equal to 20 to 40 pounds actual Chlordane per acre. After application, water the insecticide into the soil. The place the insecticide in the most fertile soil. For use on Lawns and Golf Courses as the dosage of actual Chlordane recommended exceeded. This is accepted as all to be planted or food crops. Band treatment of treated areas may be used.

**NOTICE** - Seller warrants that the product conforms to the chemical analysis and that it contains the amount of active ingredient stated on the label. Seller and manufacturer assume no liability for any damage or injury to persons or property caused by the use of this product. **MADE IN CANADA BY THE CHEMICAL COMPANY, LIMITED, TORONTO, CANADA.**

# Imperial

# 10% CHLORDANE GRANULES

## FOR SOIL INSECT CONTROL

### ACTIVE INGREDIENTS

Technical Chlordane\* 10%

### INERT INGREDIENTS

90%

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100%

\*Equivalent to 6% Octachloro-4,7-methanotetrahydroindane and 4% related compounds

## CAUTION

## KEEP OUT OF THE REACH OF CHILDREN

See back panel for additional cautions.

NET WEIGHT POUND(S)

Manufactured by

# IMPERIAL INC.

SHEPARDVILLE, IOWA

CE  
MAR 22, 1971

THE  
IDEA  
SHOP  
EVER  
LAST

407-296