

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS — DANGER**

Corrosive, causes eye damage. Wear goggles while handling. Can cause irritation to skin such as burning and itching. Do not get in eyes or on clothing. Wear protective gloves while handling. Harmful if swallowed or absorbed through skin. If material gets on skin, the affected area should be thoroughly washed with plenty of soap and water. Remove and wash clothing before reuse.

For 24-hour emergency medical assistance, call (713) 473-9461

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

WILDLIFE PROTECTION IS EVERYONE'S RESPONSIBILITY

This product is highly toxic to bees exposed to direct treatment or residues on treated weeds. Do not apply PYDRIN to a field to drill to crops or weeds on which bees are actively foraging. Additional information may be obtained by consulting your Cooperative Extension Service.

In case of a significant spill, call (713) 473-9461 or CHEMTREC (800) 424-9300.

**NOTICE OF WARRANTY**

SHELL CHEMICAL COMPANY MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USES WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.

Suntoro Chemical Company, Ltd., holds U.S. Patents for the active ingredient. Sales by Shell Chemical Company of products containing the active ingredient are made under agreements with Suntoro Chemical Company, Ltd.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with the labeling.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a secure, dry and temperate area. Keep container closed when not in use. Do not store near food or feed. Do not use or store near the home. Avoid contact with water. In case of spill or leak, soak up with sand, earth or synthetic absorbent and dispose of wastes in accordance with local, state and federal regulations.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or residue that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Title 40 of the Resource Conservation and Recovery Act.

**CONTAINER DISPOSAL:** Containers for empty containers offer for recycling or reconditioning, or to be used and disposed of in a sanitary landfill, or by other approved state and local procedures.

**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.



**Pydrin**  
INSECTICIDE  
2.4 Emulsible Concentrate

BEST BUY AVAILABLE

ACTIVE INGREDIENT	BY WEIGHT
Cyano (3-phenoxyphenyl) methyl-4-chloro-alpha(1-methylethyl) benzeneacetate	30%
INERT INGREDIENTS	70%
<b>TOTAL</b>	<b>100%</b>

This product contains 2.4 lbs of PYDRIN per gallon

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

Corrosive. May be irritating to skin, eyes, nose, and throat. Causes eye damage. Harmful if swallowed.

See Side Panel for Additional Precautionary Statements

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** do not induce vomiting. Call a physician. Gastric lavage should be supervised by a physician or the professional staff because of the possibility of pulmonary damage via aspiration of the solvent.  
**IF ON SKIN:** wash with plenty of soap and water. Get medical attention if irritation persists.  
**IF IN EYES:** flush with plenty of water for 15 minutes. Call a physician.

EPA REG. No 201-401  
EPA EST. No 5905-AR-1  
**NET CONTENTS: 55 Gallons**

SHELL CHEMICAL COMPANY, A Division of Shell Oil Company, AGRICULTURAL CHEMICALS, HOUSTON, TX 77001

PROPOSED AMENDMENT TO EPA REG. NO. 201-401

DIRECTIONS FOR APPLICATION

CROP	INSECT	DOSAGE		NUMBER ACRES TREATED WITH GALLON	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
		LB AI/ ACRE	FL OZ/ ACRE			
Green Peas	Pea Aphid	0.05-0.1	2-2/3 - 5-1/3	48 - 24	Repeat as necessary to to maintain control but do not exceed 0.4 lb ai/acre per season.	3
	Cabbage Looper Celery Looper Alfalfa Looper	0.1-0.2	5-1/3 - 10-2/3	24 - 12		

ACCEPTED  
with COMMENTS  
by EPA Letter Dated:

NOV 2 1983

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
201-401

BEST COPY AVAILABLE

**GENERAL DIRECTIONS**

PyDRIN Insecticide 2.4 Emulsible Concentrate contains 2.4 pounds of active ingredient per gallon. For the applications given below mix the required amount of PyDRIN in sufficient water to provide uniform coverage. See Directions for Application. PyDRIN may be applied by ground or aerial application equipment. Do not enter treated areas before, during, or after application. Do not plant or replant immediately after last treatment. Do not plant other root crops within 12 months or other crops within 60 days after last treatment.

**DIRECTIONS FOR APPLICATION**

Crop	Insect	Dosage		Number acres treated with Galton	Further use instructions	Days to harvest
		Lb. ai/acre	Fl. oz./acre			
Corn	Pink bollworm	0.05 - 0.1	2 2/3 - 5 1/3	48-24	May be applied in water or nonvolatile vegetable oils. When using oil apply a total spray volume of 1 quart/acre. When diluted with water apply no less than one gallon per acre by air (min. of 3 gal/A in Arizona and 5 gallons per acre in California) or 4 gallons per acre by ground. Repeat as necessary throughout season to maintain control. For the control of B31 weevil a 3-5 day interval between sprays may be required. Apply no more than 2 lbs/A to a crop in a growing season. Do not graze livestock on treated fields or feed treated trash. *A.i. in the suppression.	21
	Cotton leaf perforator	0.10	5-13	24		
	Cotton bollworm, Tobacco budworm, Lygus bugs, Cabbage looper, Egg armyworm, Boll weevil, Whitefly*	0.10 - 0.20	5-13 - 10-23	24-12		
Peanuts	Corn earworm, Red-necked peanut worm, Potato leafhopper, Velvebean caterpillar	0.05 - 0.1	2 2/3 - 5 1/3	48-24	Repeat as necessary to maintain control. Do not feed or graze livestock on treated vines. Do not exceed 3 sprays per season.	21
	Fall armyworm, Granulate cutworm	0.1 - 0.2	5-13 - 10-23	24-12		
	Lesser cornstalk borer**	0.2	10-23	12		
Pear (including those interplanted with apples)	Pear psylla	0.2 - 0.4	10-23 - 21-13	12-6	Apply during dormant to pre-dormant leaf bud stage only. Do not apply more than 7 applications per dormant season. Do not apply more than 0.4 lb. ai per acre or more than 600 gal. finished spray per acre per application. Do not water the orchard.	
Potato	Potato psyllid, Potato tuberworm	0.05 - 0.1	2 2/3 - 5 1/3	48-24	Repeat as necessary to maintain control. Do not feed or graze livestock on treated vines. Do not exceed 3 sprays per season.	
	Flea beetles, Turnip root bug, Potato aphid, Potato leafhopper	0.1 - 0.2	5-13 - 10-23	24-12		
	Corn root potato beetle, West of Mississippi River, East of Mississippi River, Long Island NY	0.05 - 0.1 0.1 - 0.2	2 2/3 - 5 1/3 5-13 - 10-23	48-24 24-12		

**DIRECTIONS FOR APPLICATION**

Crop	Insect	Dosage		Number acres treated with Galton	Further use instructions	Days to harvest
		Lb. ai/acre	Fl. oz./acre			
Non-Crop land (including public lands such as forests, parks or recreation areas)	Grasshoppers, Savannah caterpillar	0.05 - 0.1	2 2/3 - 5 1/3	48-24	Spray non-crop land adjacent to tilled areas to control migrating insects (grasshoppers, armyworm) which are a threat to crops. Repeat as necessary to maintain control but do not exceed 2 lbs active ingredient per acre per year. Do not feed treated crop to livestock. Do not spray ditch banks or areas adjacent to water.	
	Armyworms, Army cutworms	0.1 - 0.2	5-13 - 10-23	24-12		
Soybean	Mexican bean beetle, Green cloverworm, Velvebean caterpillar, Potato leafhopper	0.05 - 0.1	2 2/3 - 5 1/3	48-24	Repeat as necessary to maintain control. Do not feed or graze livestock on treated plants. Do not exceed 4 sprays per season.	21
	Cabbage looper, Corn earworm, Southern green stinkbug, Bean leaf beetle	0.1 - 0.2	5-13 - 10-23	24-12		

Crop	Insect	Dosage PyDRIN 2.4 EC		Further use instructions
		Lb. ai/acre	Fl. oz./acre	
Southern pine seed orchards	Cormorants, Seed ticks	11.0 oz/100 gal water (0.025% dilution) with high volume sprayers		Apply first application within 1 week of female flower closure or peak pollen flight for weevil control. For other cormorants and seed ticks, apply first application within 30 days following female flower closure. Repeat applications at intervals of 4 weeks but do not exceed 2.4 lb. ai/acre.
		3.5 oz/100 gal water (0.125% dilution) with low volume sprayers		
		0.75 lbs A.i./acre apply in not less than 100 gal of water for ground applications.		
				Apply approximately 5-10 gal of the 0.025% dilution per tree with high volume sprayers. With low volume sprayers apply 100 gallons of the 0.125% dilution per acre.
				Do not graze or harvest cover crop. Avoid contact with open water.

CODE 0250 RD

ACL 2188B 8-81

BEST COPY AVAILABLE

331/100255  
18/11

Dr. E. L. Hobson  
Shell Oil Company  
Suite 200  
1625 Connecticut Ave., N.W.  
Washington, DC 20036

Dear Dr. Hobson:

Subject: Lydrin<sup>(R)</sup> Insecticide 2.4 Insoluble Concentrate  
EPA Registration No. 201-401  
Your Letter of August 4, 1983

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(B), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use(s) on green peas are conditionally registered, in accordance with FIFRA sec. 29. The fiscal year begins October 1 and ends September 30. Production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

This information should be submitted to:

Process Coordination Branch  
Registration Division (TS-767)  
Environmental Protection Agency  
Washington, D.C. 20460

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

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

CIRCUMSTANCES							
APPROVED	<i>[Signature]</i>						
DATE	10/11/83						

EPA Form 1320 (1-4-81) OFFICIAL FILE COPY

-2-

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

Sincerely yours,

Timothy A. Gardner  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

RD:AHeward:DCR-12195;WANG-0328C;KIH;Raven:479-2013:9/13/83