

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 7698-15	DATE OF ISSUANCE OCT 11 1985
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Hubbard Rol Flex-Pack	

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
 (Under the Federal Insecticide, Fungicide,  
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Hubbard Milling Company  
 424 North Front Street  
 P.O. Box 8500  
 Mankato, MN 56001

161 / 154593  
18 / 1

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

- This product is conditionally registered in accordance with FIFRA sec. (c)(7)(A) 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. Make the labeling changes listed below before you release the product for shipment:
    - a. Add the phrase "EPA Registration No. 7698-15."
    - b. Delete the words "Keep out of lakes, streams, or ponds" and replace with "Do not add directly to water."
    - c. In the active and inert ingredients declaration align the numeric values to the same margin.
  3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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 constitutes acceptance of these conditions.

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

George T. LaRocca  
 Product Manager (15)  
 Insecticide-Rodenticide Branch Enclosure  
 Registration Division (TS-767)

Enclosure

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL  DATE 10/11/85

# HUBBARD ROL Flex-Pack

## Contains Rabon<sup>®</sup> Oral Larvicide

To prevent the development of horn flies, face flies, house flies and stable flies in the manure of treated cattle and the development of house flies in the manure from treated swine.

<b>ACTIVE INGREDIENT</b>	<b>BY WEIGHT</b>
2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate	0.404%*
<b>INERT INGREDIENTS</b>	99.596%**
<b>TOTAL</b>	100.000%

\*Each pound contains 1.83 gm. RABON<sup>®</sup>

\*\*Refers only to ingredients which are not larvicidal.

### GUARANTEED ANALYSIS

CRUDE PROTEIN, not less than	35.0%
CRUDE FAT, not less than	2.0%
CRUDE FIBER, not more than	6.0%

### FEED INGREDIENTS

Plant protein products, animal protein products, processed grain by-products, roughage products, forage products, cane molasses, animal fat (preserved with BHA), calcium pantothenate, pyridoxine hydrochloride, choline chloride, niacin, riboflavin supplement, thiamine mononitrate, vitamin A acetate, D-activated animal steroid (source of vitamin D3), vitamin E supplement, vitamin B12 supplement, menadione sodium bisulfite (source of vitamin K activity), calcium carbonate, dicalcium phosphate, monocalcium phosphate, salt, cobalt carbonate, copper sulfate, ethylenediamine dithiodic acid, iron sulfate, magnesium sulfate, manganous oxide, sodium selenite, zinc oxide, methionine, L-lysine.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS

#### CAUTION

Keep out of reach of children. Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating or smoking. If in eyes, wash with plenty of water for 15 minutes. If irritation persists, see a physician.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

## DIRECTIONS FOR USE

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

Hubbard ROL Flex-Pack will mix uniformly in cattle and swine feeds when standard mixing procedures are followed. Thus usual problems that are common to all feed preparation and which cause stratification, such as excessive free-fall or excessive handling, are to be avoided. It is recommended that appropriate preblending techniques be employed to assure adequate distribution of Hubbard ROL Flex-Pack throughout the feed mix. Mixing time should be adequate to assure uniform dispersion. Optimum performance can be assured only if Hubbard ROL Flex-Pack is dispersed uniformly with the feedstuff at the recommended level. Common feed mixing equipment (i.e., vertical mixers, horizontal blenders, mixer/feeder truck) may be used to prepare formulated feeds.

Feeds prepared with Hubbard ROL Flex-Pack should not be pelleted nor be mixed with feeds containing predominantly pellets. Further, Hubbard ROL Flex-Pack should not be mixed in liquid feed supplements.

## CATTLE

When fed to cattle, rabon passes through the digestive system into the animal's manure where it kills fly larvae on contact shortly after fly eggs hatch. By preventing larval development, the rabon in Hubbard ROL Flex-Pack helps to control horn flies and face flies on pasture and house flies and stable flies in and around cattle lots.

### In a Complete Ration - No Other Roughage Fed

To prepare a larvicidal complete ration, mix 28.8 pounds of Hubbard ROL Flex-Pack per ton of complete mixed ration containing both grain and roughage. This is equivalent to 26.4 mg. of RABON<sup>®</sup> per lb. of feed.

Full-feed this larvicidal complete ration to feeder cattle weighing from 400 to 1400 pounds or to dairy cattle at a rate to sustain milk production, but not less than 2.6 pounds of the ration per 100 pounds of body weight daily.

### In A Concentrate Feed - Roughage Fed Separately

To prepare a larvicidal concentrate feed that provides 792 mg. of RABON<sup>®</sup> per head per day, mix Hubbard ROL Flex-Pack according to the amount of concentrate to be fed per animal per day. Use the following table as a guide for determining the proper mixing rate.

#### MIXING DIRECTIONS

Lb conc/animal/day	RABON <sup>®</sup> in conc.		Lb ROL Flex-Pack
	mg/lb.	%	
5.0	159	0.035	173.8
10.0	79	0.018	86.3
15.0	53	0.012	57.9
20.0	39	0.0087	43.3
25.0	32	0.0069	35.0
30.0	26	0.0059	28.9

Feed the appropriate larvicidal concentrate to cattle weighing between 400 and 1200 pounds. For larger cattle weighing between 1200-1700 pounds, increase the amount of concentrate fed to 1½ times that recommended.

Hubbard ROL Flex-Pack prevents the development of horn flies, face flies, house flies and stable flies in the manure of treated cattle but is not effective against existing adults flies.

## SWINE

### Pigs (weaners to market weight): \*

Mix 25.0 lb of Hubbard ROL Flex-Pack per ton of meal type feed and offer free choice. This is equivalent to 22.8 mg. of RABON<sup>®</sup> per lb of feed.

### Sows, Boars, and Breeding Gilts:

Mix 50.0 lb of Hubbard ROL Flex-Pack per ton of meal type feed and offer 4 - 6 lb of feed per animal per day. This is equivalent to 45.6 mg. of RABON<sup>®</sup> per lb of feed.

All swine should be treated. Hubbard ROL Flex-Pack prevents development of house flies in the manure from treated swine but is not effective against existing adult flies.

Start feeding RABON<sup>®</sup> larvicidal feeds early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

Rations containing Hubbard ROL Flex-Pack may be fed up to slaughter and to lactating dairy cows without withholding the milk from market during or after treatment.

In some cases, supplemental fly control measures may be needed in and around the area to control adult flies which move in from other areas or which breed on decaying vegetable matter elsewhere on the premises.

In order to achieve optimum fly control, Hubbard ROL Flex-Pack should be used in conjunction with other good management and sanitation practices.

## STORAGE AND DISPOSAL

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

**STORAGE:** Store in dry place in original container.

**CONTAINER DISPOSAL:** Completely empty bag into mixing equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. Keep out of smoke.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

EPA REG. NO. 7698-6  
EPA EST. NO. 7698-NB-1

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

RABON<sup>®</sup> REGISTERED TRADEMARK OF SHELL OIL COMPANY  
HUBBARD MILLING COMPANY

General Offices: 8800 Grand Ave., Mankato, Minnesota 56001  
Net weight 50 Lb

7715-3

U.S. Pat. No. 3,162,842  
EPA Reg. No. 7698-15

ACCEPTED  
with COMMENTS  
by EPA Letter Dated  
OCT 1 1985

Approved under the Federal Insecticide, Fungicide, and Rodenticide Act  
EPA Reg. No. 7698-15