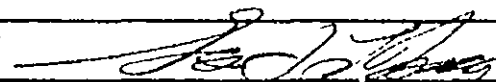


<p>US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460</p> <p>NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION</p> <p>(Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended)</p>	<p>EPA REGISTRATION 7698-16</p>	<p>DATE OF ISSUANCE MAY 26 1987</p>
	<p>TERM OF ISSUANCE Until Reregistered</p>	
	<p>NAME OF PESTICIDE PRODUCT Hubbard Rangeland 16 ROL Mineral</p>	
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <p style="text-align: right;">100/183887 18/1</p> <p>Hubbard Milling Company 424 North Front Street Waukegan, Ill. 56001</p>		
<p>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.</p>		
<p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> <li>1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.</li> <li>2. Add the phrase "EPA Registration No. 7698-16" to your label before you release the product for shipment.</li> <li>3. Please provide the following chemistry information:             <ol style="list-style-type: none"> <li>a. Provide the upper and lower certified limits based on the pure active ingredients rather than the technical or concentrate. Note that the lower limit of the active, including any solvent declared as active, must not fall below the label claim.</li> <li>b. Provide upper and lower certified limits of the individually added inerts.</li> <li>c. The individual ingredients do not add up to 100%. Check your calculations. The label claim for rabelin is 1.4%, but the data matrix indicates 1.2%.</li> </ol> </li> </ol> <p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>		
<p>SIGNATURE OF APPROVING OFFICIAL</p> 	<p>DATE 5/26/87</p>	

- d. Please adjust the percents active on the label or on the Confidential Statement of Formula.
- e. Please provide specification sheet for Ad-Mo-Las and Dyna-Mate.
- f. Which inert ingredient contains iodine?

4. 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 section 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  
Registration Division (TS-767C)

Enclosures

# HUBBARD

## RANGELAND 16 ROL MINERAL

**(Contains Rabon® Oral Larvicide)**

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

<b>ACTIVE INGREDIENT</b>	<b>BY WEIGHT</b>
2-Chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl phosphate	1.40 *
<b>INERT INGREDIENTS</b>	98.60 **
<b>TOTAL</b>	100.00%

\*Each pound contains 6.3560 gm. RABON®

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

**GUARANTEED ANALYSIS**

CRUDE PROTEIN, not less than	15.0%
* This includes not more than 15% equivalent protein from non-protein nitrogen.	
CALCIUM (Ca), minimum	7.0%
CALCIUM (Ca), maximum	9.0%
PHOSPHORUS (P), minimum	16.0%
SALT (NaCl), minimum	8.0%
SALT (NaCl), maximum	9.6%
POTASSIUM (K), minimum	4.0%
IODINE (I), minimum	0.0056%
VITAMIN A, minimum	300,000 USP Units/lb
VITAMIN D, minimum	30,000 USP Units/lb

**FEED INGREDIENTS**

Monocalcium phosphate, monoammonium phosphate, dicalcium phosphate, salt, potassium chloride, potassium sulfate, magnesium sulfate, cane molasses, processed grain by-products, vitamin A acetate, D-activated animal sterol (source of vitamin D3), iron oxide, zinc oxide, iron sulfate, manganous oxide, copper sulfate, cobalt carbonate, ethylenediamine dihydride, mineral oil, yeast concentrate.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION  
SEE BACK OF LABEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS**

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a 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. If burned, stay 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. 7698-8  
EPA Est. No. 7698-MN-1

**HUBBARD MILLING COMPANY**

General Offices:

Minnetonka, Minnesota 55001

8542-6

Net Weight shown on bag

RABON is registered trademark of Shell Oil Company U.S. Patent No. 3,102,842.

**PRECAUTIONARY STATEMENTS  
HAZAROUS TO HUMANS  
CAUTION**

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. Do not apply to any body of water. 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.

When fed to cattle, Hubbard RANGELAND 16 ROL Mineral 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, Hubbard RANGELAND 16 ROL Mineral helps to control horn flies and face flies on pasture and house flies and stable flies in and around cattle lots.

Hubbard RANGELAND 16 ROL Mineral will mix uniformly in cattle 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 RANGELAND 16 ROL Mineral throughout the feed mix. The premix should be preblended with ground grain, protein supplements, mineral mixes, etc., before being added to roughages, such as chopped hay or silage. Mixing time should be adequate to assure uniform dispersion. Optimum performance can be assured only if Hubbard RANGELAND 16 ROL Mineral 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 RANGELAND 16 ROL Mineral should not be pelleted, nor be mixed with feeds containing predominantly pellets. Further, Hubbard RANGELAND 16 ROL Mineral should not be mixed in liquid feed supplements.

Hubbard RANGELAND 16 ROL Mineral can be offered either by force-feeding or free-choice feeding, but not by both methods simultaneously.

When force-feeding mineral, feed Hubbard RANGELAND 16 ROL Mineral at the rate of 2 oz. per animal per day to animals weighing between 400-1200 lb. by mixing it into the ground grain or complete daily ration. Cattle weighing between 1200-1800 lb. should be fed 3 oz. per day. Cattle weighing less than 400 lb. should be fed 0.5 oz. per day.

When free-choice feeding Hubbard RANGELAND 16 ROL Mineral, cattle should consume an average of 1/8 lb. of the mineral per 100 pounds of body weight per month. This will supply the recommended average daily intake of 70 mg. RABON® Oral Larvicide per hundred pounds body weight. Animals should not be starved for minerals before initiation of the RABON® Cattle Mineral Mix program but OMIT all salt from other feed after the program is started. Do not feed other free-choice sources of salt or mineral containing salt in any form. Allow one mineral feeder for each 15-20 head, and place near watering and loafing areas. Put out no more than one month's supply at a time and protect from rain.

If consumption of Hubbard RANGELAND 16 ROL Mineral is above 1/8 lb. or 100 lb. of body weight per month, reduce the number of feeding locations or relocate. If consumption is below 1/8 lb. per 100 lb. of body weight per month, increase the number of feeding locations. Start feeding Hubbard RANGELAND 16 ROL Mineral 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.

Hubbard RANGELAND 16 ROL Mineral may be fed up to slaughter and to lactating dairy cows.

Hubbard RANGELAND 16 ROL Mineral 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 adult flies. When starting a feeding program during the fly season, it is desirable to use other control measures to reduce the population of existing adult flies.

In some cases, supplemental fly control measures may be needed in and around cattle lots and buildings to control adult house flies and stable flies which can breed not only in cattle manure but in other decaying vegetable matter or silage on the premises.

In order to achieve optimum fly control, Hubbard RANGELAND 16 ROL Mineral should be used in conjunction with other good management and sanitation practices.

MAY 26 1967

**BEST AVAILABLE COPY**

7698-16