

HUBBARD



TWO-TO-ONE 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

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

*Each pound contains 6.3560 gm RABON®
**Refers only to ingredients which are not larvicidal

| GUARANTEED ANALYSIS | |
|-------------------------|---------------------|
| CALCIUM (Ca), minimum | 14.0% |
| CALCIUM (Ca), maximum | 16.0% |
| PHOSPHORUS (P), minimum | 8.0% |
| SALT (NaCl), minimum | 8.0% |
| SALT (NaCl), maximum | 9.0% |
| IODINE (I), minimum | 0.005% |
| VITAMIN A, minimum | 80,000 USP Units/lb |
| VITAMIN D, minimum | 8,000 USP Units/lb |

FEED INGREDIENTS
Monocalcium phosphate, dicalcium phosphate, salt, bentonite, cane molasses, potassium sulfate, magnesium sulfate, vitamin A acetate, D-activated animal sterol (source of vitamin D3), iron sulfate, copper sulfate, zinc oxide, iron oxide, cobalt carbonate, manganous oxide, ethylenediamine dihydrochloride, sodium selenite, 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. 7696-MN-1

HUBBARD MILLING COMPANY
General Offices:
Mankato, Minnesota 56001
Net Weight shown on bag

8541-6

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

PRECAUTIONARY STATEMENTS HAZARDS 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 TWO-TO-ONE 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 TWO-TO-ONE ROL Mineral helps to control horn flies and face flies on pasture and house flies and stable flies in and around cattle lots. Hubbard TWO-TO-ONE 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 TWO-TO-ONE 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 TWO-TO-ONE 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 TWO-TO-ONE ROL Mineral should not be pelleted, nor be mixed with feeds containing predominantly pellets. Further, Hubbard TWO-TO-ONE ROL Mineral should not be mixed in liquid feed supplements.

Hubbard TWO-TO-ONE 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 TWO-TO-ONE 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 TWO-TO-ONE ROL Mineral, cattle should consume an average of 1/2 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 TWO-TO-ONE ROL Mineral is above 1/2 lb. per 100 lb. of body weight per month, reduce the number of feeding locations or relocate. If consumption is below 1/2 lb. per 100 lb. of body weight per month, increase the number of feeding locations. Start feeding Hubbard TWO-TO-ONE 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 TWO-TO-ONE ROL Mineral may be fed up to slaughter and to lactating dairy cows.

Hubbard TWO-TO-ONE 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 TWO-TO-ONE ROL Mineral should be used in conjunction with other good management and control practices.

ACCEPTED
JUN - 1 1987
Under Fungi, or anti-regist. EPA R-71618-8

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