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1990-386

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
1990-386

Date of Issuance:
SEP 23 1999

Term of Issuance: **Unconditional**

Name of Pesticide Product:
CO-OP R.O.L. Mineral

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Farmland Industries Inc.
PO Box 7305
Kansas City, MO 64116

Note: Changes in labeling 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 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. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

Based on your response to the Reregistration Eligibility Documents, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted with Comments". This action is taken under the authority of section 4(g)(2) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Registration under this section does not eliminate the need for control reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

With regards to labeling, you must make the labeling changes listed below.

1) The correct chemical name for your product should be listed as the following, which is the more specific isomer designation (please revise your active ingredients accordingly):

Tetrachlorovinphos: (Z)-2-chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl phosphate

2) The signal word "CAUTION" and the "Keep Out of Reach of Children" statement must be moved to the front panel. The signal word must be placed below the "Keep Out of Reach of Children".

Signature of Approving Official:

George T. LaRocca

Date: SEP 23 1999

EPA Form 8570-6

CONCURRENCES

SYMBOL	75052						
SURNAME	SPROAT						
DATE	9/23/99						

- 3) Based upon the toxicity profile for this product, you must have a "Statement of Practical treatment" or "First Aid" statement. It should be located under the "Precautionary Statements" section and state the following:

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

Your product is also required to have a "Note to Physician" section. This section should be located directly below your "Statement of Practical Treatment" section and should contain the following information:

- Technical information on symptomatology;
 - Use of supportive measures to maintain life functions;
 - Medicine that will counteract the specific physiological effects of the pesticide;
 - Company telephone number to specific medical personnel who can provide specialized medical advice
- 4) Please revise your "Hazards to Humans" heading to read "Hazards to Humans and Domestic Animals". The following statements must appear on the label under this heading:

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE)

Applicators and handlers must wear:

- 1) Long-sleeved shirt and long pants,
- 2) Chemical-resistant gloves
- 3) Shoes and socks

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before

removing. As soon as possible, wash thoroughly and change into clean clothing.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

- 5) Under your "Environmental Hazards" section, please change the statement "Do not contaminate water..." to read "Do not contaminate water when cleaning equipment or when disposing of equipment washwaters."

Please submit two (2) copies of your final printed label for before your release the product for shipment. Please 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 bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Dr. William Sproat of my team at (703) 308-8587.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosure



R.O.L. MINERAL

with RABON® ORAL LARVICIDE

FOR CATTLE ON PASTURE

Control of fecal flies in manure of treated cattle. Prevents development of face flies, horn flies, house flies and stable flies in the manure of treated cattle.

ACTIVE DRUG INGREDIENT

Tetrachlorvinphos: 2-Chloro-1-(2,4,5-Trichlorophenyl)
Vinyl Dimethyl Phosphate 1.0%

INERT INGREDIENTS* 99.0%

*Refers only to ingredients which are not insecticidal

GUARANTEED ANALYSIS

Calcium (Ca), not less than	11.0%
Calcium (Ca), not more than	13.0%
Phosphorus (P), not less than	12.0%
Salt (NaCl), not less than	11.0%
Salt (Cl), not more than	13.0%
Magnesium (Mg), not more than	0.4%
Potassium (K), not less than	0.2%
Copper (Cu), not less than	312 ppm
Selenium (Se), not less than	6 ppm
Zinc (Zn), not less than	1,285 ppm
Vitamin A, Int. Units, min	100,000

INGREDIENTS

Dicalcium Phosphate, Monocalcium Phosphate, Processed Grain By-Products, Salt, Calcium Carbonate, Molasses Products, Animal Fat (Preserved with BHA), Vitamin A Supplement, Iron Oxide, Manganese Sulfate, Zinc Sulfate, Sodium Selenite, Manganese Oxide, Zinc Oxide, Copper Chloride, Ferrous Sulfate, Mineral Oil, Vitamin E Supplement, Copper Sulfate, D-Activated Animal Sterol (Source of Vitamin D), Ethylenediamine Dihydrochloride, Cobalt Carbonate, Sodium Silico Aluminate and Ethoxyquin (a Preservative).

SEE DIRECTIONS FOR USE, CAUTION AND STORAGE/DISPOSAL ON BACK OF TAG

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing dust. Wash thoroughly with soap and water after handling before eating or smoking. If in eyes, wash with plenty of water. If irritation persists, get medical attention. Wear long-sleeved shirt and pants; chemical resistant gloves; shoes and socks for protection when handling. This product may cause skin sensitization reactions in certain individuals.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not contaminate water when disposing of equipment wash water.

EPA Reg. No. 01990-386
EPA Est. No. 01990-KS-01

Net Weight 50 Lb
(22.67 kg) or Bulk

Manufactured by
FARMLAND INDUSTRIES, INC.
General Offices, Kansas City, MO 64116

81-71960 (Series 79KS)

DIRECTIONS FOR USE

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

Allow free choice to cattle. Cattle should consume an average of 0.5 lb/100 lbs. of body weight per month. This will supply the recommended average daily intake of 70 mg of Rabon Oral Larvicide/100 lbs. body weight. Animals should not be starved for minerals before initiation of the R.O.L. Mineral with Rabon® 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 10 to 15 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 R.O.L. Mineral with Rabon® is above 0.5 lb/100 lbs. of body weight per month, reduce the number of feeding locations or relocate. If consumption is below 0.5 lb/100 lbs. of body weight per month, increase the number of feeding locations.

Start feeding R.O.L. Mineral with Rabon® early in the spring before flies begin to appear and continue feeding throughout the summer and into fall.

R.O.L. Mineral with Rabon® may be fed up to slaughter and to lactating dairy cows.

R.O.L. Mineral with Rabon® 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 may be necessary to use other control measures to reduce the population of existing adult flies.

Supplemental 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, R.O.L. Mineral with Rabon® should be used in conjunction with other good management and sanitation practices.

CAUTION
KEEP OUT OF REACH OF CHILDREN

STORAGE AND DISPOSAL

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

STORAGE: Store in a dry place in original container.

DISPOSAL: Completely empty container into application (mixer/feeder) 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. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 23 1999

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

1990-386

81-71960 (Series 79KS)