

171 7/2/85

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 49176-1	DATE OF ISSUANCE JUN 3 1985
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Farnam Maker Livestock 7.5	

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

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Farnam Companies, Inc.
 1701 North 17th Street
 Lincoln, Nebraska 68504

160/142904
18/1

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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. Any product is conditionally reregistered in accordance with FIFRA.

1. (c)(1)(A) provide that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) and the Agency requires all manufacturers 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. 49176-1."
- b. Any reference to "general use" classification must be removed from this product's labeling. "General Use" as a classification is no longer deemed valid by the Agency, even when products are not subject to restricted use as in the case of this product. If a product is classified for restricted use, this classification notifies individuals that the chemical may be applied only by or under the direct supervision of a certified applicator. The absence of a restricted use classification clearly implies that the aforementioned restriction does not apply to a particular pesticide, or its uses. A second classification for general use is thereby unnecessary and should not appear on this product's labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

[Handwritten Signature]

DATE

6/3/85

- c) Update the storage and disposal text according to PR Notice 83-3.
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.
4. Supply the following product chemistry information.
 - a) The certified limits are not acceptable. You must give specific upper and lower limits for your active and inert ingredient.
 - b) Based upon the figures given in the confidential formula, the maximum label declaration allowed for rabor is 7.75%. You should submit a revised formula adjusting the figures accordingly. Otherwise the label declaration must be changed to 7.75%.

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
Registration Division (TS-767)

Enclosure

JOB:85811:KENDRICK:898-1270:RD85/18:4/25/85:del:5/2/85:SG

RATION MAKER
LIVESTOCK
7.76 (ROL) PRE-MIX
With Rabon Oral Larvicide

To Prevent the development
OF HORN FLIES, FACE FLIES, HOUSE FLIES and
STABLE FLIES
in the manure of treated cattle and
HOUSE FLIES in the manure of treated swine.

ACTIVE INGREDIENT:	BY WEIGHT
**2-Chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl phosphate	7.76%
*INERT INGREDIENTS.....	92.24%
	TOTAL.....100.00%

*Refers only to ingredients which are not larvicidal
**RABON® insecticide--Contains 35 grams of RABON® per pound.
**RABON® is the registered trademark of Shell Oil Company, U.S. Pat 3,
102,842

KEEP OUT OF REACH OF CHILDREN

CAUTION

See below for additional precautionary,
storage and disposal statements.

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 and before eating or smoking. 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.

STORAGE AND DISPOSAL

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

Pesticide Disposal

Pesticide that cannot be used according to label instructions
must be disposed of according to applicable Federal, State or Local
procedures.

Container Disposal

Completely empty bag by shaking and tapping sides and bottom to
loosen clinging particles. Empty residue into application equipment.
Then dispose of bags in a sanitary landfill or by incineration, if
allowed by State and Local authorities.

Directions For Use On Back of Label

Manufactured By
RATION MAKER PRODUCTS, INC.
Laurens, Iowa 50554

ACCREDITED
with COMMENTS
in EPA Letter Dated:

JUN 3 1985

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

491710-1

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MIXING DIRECTIONS FOR CATTLE

Pounds of Concentrate Consumed per day	RABON® in the Concentrate		Pounds of RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX Product per Ton of Concentrate
	mg/lb.	%	
.5	1584	0.35	90.0
1.0	792	0.18	45.0
1.5	528	0.12	30.0
2.0	396	0.087	22.5
5.0	159	0.035	9.0
10.0	79	0.018	4.5
15.0	53	0.012	3.0
20.0	39	0.0087	2.3
25.0	32	0.0069	1.8
30.0	26	0.0059	1.5

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 premix per ton of concentrate to 1½ times that recommended.

IN A COMPLETE RATION NO OTHER ROUGHAGE FED.

RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX can be used to prepare rations that contain 26.4 mg. of RABON® per pound of complete ration. To prepare a larvicidal ration, mix 1.5 pounds of RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX per ton of complete mixed ration containing both grain and roughage.

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.

SWINE

All Swine should be treated.

PIGS (weaners to market weight) Mix 1.3 lb. of RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX per ton of meal type feed and offer free choice. This is equivalent to 22.7 mg. of RABON® per lb. of feed.

SOWS, BOARS AND BREEDING GILTS: Mix 2.6 lb. of RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX per ton of meal type feed and offer 4-6 lb. of feed per animal per day. This is equivalent to 45.4 mg. of RABON® per lb. of feed.

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GENERAL CLASSIFICATION

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

Rations containing RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX may be fed up to slaughter and to lactating dairy cows without withholding the milk from market during or after treatment.

Start feeding RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX 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.

When fed, RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX passes through the digestive system into the animal's manure where it kills fly larvae on contact shortly after fly eggs hatch.

RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX prevents the development of horn flies, face flies, house flies and stable flies in the manure of treated cattle and house flies in treated swine, but it is not effective against existing adult flies.

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

In order to achieve optimum fly control, RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX should be used in conjunction with other good management and sanitation practices.

RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX will mix uniformly in 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 RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX throughout the feed mix. The premix should be preblended with ground grain, protein supplement, 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 RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX 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 RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX should not be pelleted, nor be mixed with feeds containing predominately pellets. Further, RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX should not be mixed in liquid feed supplements.

CATTLE

IN A CONCENTRATE FEED ROUGHAGE FEED SEPARATELY

RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX can be used to prepare concentrate feeds that will provide 702 mg. of RABON per animal per day.

To prepare a larvicidal concentrate feed mix RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX 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.

Amount of Concentrate (lb)	Amount of RATION MAKER LIVESTOCK 7.76 (ROL) PRE-MIX (lb)
100	1.4
200	2.8
300	4.2
400	5.6
500	7.0
600	8.4
700	9.8
800	11.2
900	12.6
1000	14.0