

ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT 14 1982



**RABON[®]
ORAL
LARVICIDE
PREMIX**

(Contains Rabon Oral Larvicide)

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pest(s) registered under EPA Reg. No. 810215



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	*Refers only to ingredients which are not larvicidal.
2-Chloro-1-(2,4,6-trichlorophenyl) vinyl dimethyl phosphate	7.76%*	**RABON Insecticide-Contains 39 grams of RABON per pound.
INERT INGREDIENTS	92.24%*	RABON is the registered trademark of Shell Oil Company.
TOTAL	100.00%*	U.S. Patent No. 3,102,842

KEEP OUT OF REACH OF CHILDREN
CAUTION

PRECAUTIONARY STATEMENTS
HAZARD 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. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE
GENERAL CLASSIFICATION

- *It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- *Rations containing this product may be fed up to slaughter and to lactating dairy cows without withholding the milk from market during or after treatment.
- *Start feeding RABON 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, this product passes through the digestive system into the animal's manure where it kills fly larvae on contact shortly after fly eggs hatch.
- *It 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 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, this product should be used in conjunction with other good management and sanitation practices.
- *This product 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 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 this product 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 this product should not be pelleted, nor be mixed with feeds containing predominantly pellets. Further, this product should not be mixed in liquid feed supplements.

CATTLE: In a Concentrate Feed-Roughage Feed Separately

- *This product can be used to prepare concentrate feeds that will provide 792 mg. of RABON per animal per day.
- *To prepare a larvicidal concentrate feed, mix this product 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 FOR CATTLE

Pounds of Concentrate Consumed per animal per day	RABON in the Concentrate mg/lb	%	Pounds of this Product per ton of Concentrate
.5	1584	0.36	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 1.5 times that recommended.

CATTLE: In a Complete Ration-No Other Roughage Fed

- *This product 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 this product per ton of complete mixed ration containing both grain and roughage.
- *If all 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 lbs. of this product 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 Gils:

- *Mix 2.6 lbs. of this product per ton of meal type feed and offer 4.6 lbs. of feed per animal per day. This is equivalent to 45.4 mg. of RABON per lb. of feed.

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 or Local authorities.

721779
1792
EPA Reg. No. 8102-15
EPA EST. No. 081021AB1
NET WEIGHT: 45 POUNDS

MANUFACTURED BY
CADCO, INC.
30100 DOUGLAS - DES MOINES, IOWA 50322

LOT NO.

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OCT 14 1982

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Cadco, Inc.
10100 Douglas Ave.
Des Moines, IA 50322

Attn: Mr. Rick K. Perry

Dear Mr. Perry:

Subject: Amendment - Add Swine
Rabon Oral Larvicide Premix
EPA Reg. No: 8102-15
Appl. Date: July 6, 1982

310 / 77713
18 / 3

The amendment referred to above, submitted in connection with registration under FIFRA Sec. 3(c)(7)(A), is acceptable 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. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions.

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

Note: Due to OPP's new policy of eliminating the need for acceptance of finished labeling, please include five copies of draft labeling with future submissions.

Sincerely yours,

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