



# Rabon® 7.76 Oral Larvicide Premix

To prevent the development of Horn Flies, Face Flies, House Flies and Stable Flies in the manure of treated cattle; House Flies in the manure of treated swine, House Flies and Stable Flies in the manure of treated horses and House Flies in the manure of treated mink.

<b>Active Ingredient</b>	<b>By Weight</b>
Tetrachlorvinphos: (CAS #22248-79-9) .....	7.76%*
<b>Other Ingredients</b> .....	92.24%**
<b>Total</b> .....	100.00%

\* RABON Insecticide – Contains 35 grams of RABON per pound.

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

**Keep Out of Reach of Children**

## CAUTION

See side panel for additional precautionary statements.

Net Weight 40 Pounds

**ACCEPTED**  
MAY 30 2002

Under The Federal Insecticide, Fungicide and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 4691-134

Boehringer Ingelheim Vetmedica, Inc.  
St. Joseph, Missouri 64506-2902

EPA Reg. No. 4691-134  
EPA Est. No. 4691-KS-01

### PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

#### CAUTION

Harmful if swallowed or absorbed through the 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.

#### Personal Protective Equipment

- Mixers and Handlers must wear:
- long-sleeved shirt and pants
  - shoes and socks
  - chemical resistant gloves

#### 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

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should 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.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
Contains an organophosphate that inhibits cholinesterase.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-821-7467 for emergency medical treatment information.	
NOTE TO PHYSICIANS	
This product is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.	

#### Environmental Hazards

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

#### Warranty and Limitation of Damages

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing and with specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

#### Directions for Use

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

#### Storage & Disposal

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

**Storage:** Store in a dry place in original 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. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### General Information

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

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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 fly larvae in the manure of treated animals, 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 mixer, horizontal blender, mixer/feed truck) may be used to prepare formulated feeds.

#### General Precautions and Restrictions

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. 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.

#### Application Instructions

This product may be fed to cows, swine, and mink up to slaughter and to lactating cows.

#### Cattle

##### In a Concentrate Feed - Roughage Fed Separately

This product can be used to prepare concentrate feeds that will provide 70 mg of RABON per 100 pounds of body weight daily.

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.

Pounds of Concentrate Consumed per Animal per Day	MIXING GUIDE		Pounds of RABON 7.76 Oral Larvicidal Premix per Ton of Concentrate
	RABON in the Concentrate mg/lb	%	
0.5	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 indicated to cattle weighing between 400 and 1200 pounds. For larger cattle weighing between 1200 and 1700 pounds, increase the amount of premix per ton of concentrate to 1 1/2 times that indicated.

#### 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.

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 pounds of this product per ton of meal type feed and offer free choice. This is equivalent to 22.7 mg of RABON per pound of feed.

Sows, Boars and Breeding Gilts: Mix 2.6 pounds of this product per ton of meal-type feed and offer 4 to 6 pounds of feed per animal per day. This is equivalent to 45.4 mg of RABON per pound of feed.

#### Horses

##### In a Concentrate Feed

This product can be used to prepare concentrate feeds that will provide 70 mg of RABON per 100 pounds of body weight daily. All horses in the stable area should be treated. This product is not to be used on horses destined for slaughter.

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.

Pounds of Concentrate Consumed per Horse Per Day	MIXING GUIDE			
	Pounds of RABON 7.76 Oral Larvicidal Premix Per Ton of Concentrate			
	250 lb. Horse	500 lb. Horse	1000 lb. Horse	2000 lb. Horse
2.5	4.0	8.0	16.0	32.0
5.0	2.0	4.0	8.0	16.0
10.0	1.0	2.0	4.0	8.0
15.0	0.7	1.4	2.7	5.4

##### As a Topdressing

Add this product daily to the grain or concentrate portion of the horse's diet to provide 70 mg of RABON per 100 pounds of body weight. This is equivalent to the following: 1/2 tablespoon for a 250 lb. animal; 1 level tablespoon for a 500 lb. animal; 2 level tablespoons (8.8 g) for a 1000 lb. animal or 4 tablespoons for a 2000 lb. animal.

All horses in the stable area should be treated. This product is not to be used on horses destined for slaughter.

#### Mink

When fed to mink, RABON passes through the digestive system into the droppings where fly larvae are killed on contact shortly after the fly eggs hatch. This product can be mixed in mink feeds to prevent the development of house flies but should not be used as the sole method of control. It is recommended that appropriate preblending techniques be employed when mixing to assure an adequate distribution of RABON throughout the feed mix. Preblend with soybean meal, alfalfa meal, mineral mix, etc. before being added to other ingredients. Common feed mixing equipment (i.e.: vertical mixers, horizontal blenders) may be used to prepare formulated feeds.

Add this product to the total feed at a rate that will ensure that each animal will consume 3 mg of RABON per kg of body weight (1-2 mg/pound) per day. Use the following table as a guide.

Food Consumption (lbs.) Daily Per Animal	MIXING GUIDE FOR MINK		
	Amount of RABON 7.76 to Mix in Food		
	500 lb.	1000 lb.	2000 lb.
0.10	318 grams	1.4 lbs.	2.8 lbs.
0.25	114 grams	227 grams	1.0 lbs.
0.33	90 grams	180 grams	360 grams
0.50	59 grams	118 grams	236 grams
0.75	40 grams	80 grams	160 grams
1.00	35 grams	70 grams	140 grams

Start feeding Mink larvicidal feeds early in the spring before flies begin to appear and continue feeding throughout the summer until cold weather restricts fly activity. Supplemental adult fly control measures may be needed in and around the animal facilities and feed building to control adult flies, especially house flies that can breed in many kinds of organic matter.

In order to achieve optimum fly control this product should be used in conjunction with other good management and sanitation practices.