

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

300/1354063
17/1

OCT 27 1989

Mr. Stanley Bruegger
Lynch-McNess Company
1200 ...
Princeton, NJ 08542

Dear Mr. Bruegger:

Subject: Tetrachlorvinphos Registration No. 1304-63
McNess Fruit Fly-17 Oral Larvicide with Babor Oral
Larvicide
McNess Fruit Fly-17 Oral Larvicide with Babor Oral
Larvicide
EPA Registration No. 1304-64
McNess Fruit Fly-17 Oral Larvicide with Babor Oral
Larvicide
EPA Registration No. 1304-67
McNess Fruit Fly-17 Oral Larvicide with Babor Oral
Larvicide
EPA Registration No. 1304-64
Your Letters Dated January 18 and August 30, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. For EPA Registration No. 1304-63, move Calcium Carbonate under INERT INGREDIENTS.
2. For EPA Registration No. 1304-64, add a colon to TETRACHLORVINPHOS under Active Ingredients.

55377; I; Habert; LR-3; KENCO; 10/26/89; 12/5/89; EK; SW; EK; AS

CONCURRENCES

SYMBOL	NAME						

Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505c)

Enclosure

DIRECTIONS FOR USE

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

RABON® 7.76 Oral Larvicide Premix 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 RABON 7.76 Oral Larvicide Premix throughout the feed mix. This 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 RABON 7.76 Oral Larvicide Premix is dispersed uniformly with the feedstuff at the recommended level. Common feed mixing equipment (i.e., vertical mixers, horizontal blenders, mixer/feeder trucks) may be used to prepare formulated feeds.

Feeds prepared with RABON 7.76 Oral Larvicide Premix should not be pelleted nor be mixed with feeds containing predominantly pellets. Further, RABON 7.76 Oral Larvicide Premix should not be mixed in liquid feed supplements.

When fed to cattle, RABON Oral Larvicide 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, RABON Oral Larvicide helps to control horn flies and face flies on pasture and houseflies and stable flies in and around cattle lots.

RABON 7.76 prevents the development of horn flies, face flies, houseflies and stable flies in the manure of treated cattle 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 houseflies and stable flies which can breed not only in cattle manure but other decaying vegetable matter or sludge on the premises.

In a Complete Ration—No Other Roughage Fed

RABON 7.76 Oral Larvicide Premix 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 RABON 7.76 Oral Larvicide Premix 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.

In a Concentrate Feed—Roughage Fed Separately

RABON 7.76 Oral Larvicide Premix 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 RABON 7.76 Oral Larvicide Premix 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

Pounds of Concentrate Consumed per Animal per Day	RABON in the Concentrate		Pounds of RABON 7.76 Oral Larvicide Premix per Ton of 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 larvicide concentrate to cattle weighing between 400 and 1200 pounds. For larger cattle weighing between 1200-1700 pounds, increase the amount of concentrate fed to 1 1/2 times that recommended.

Start feeding RABON larvicidal feeds early in the spring before flies begin to appear and continue feeding throughout the summer and into fall until cold weather restricts fly activity.

Rations containing RABON Oral Larvicide may be fed up to slaughter and to lactating dairy cows without withholding milk from market during or after treatment.

SWINE

All swine should be treated.

Pigs (weaners to market weight): Mix 1.3 lb. 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 Gilts: Mix 2.6 lb. of this product 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 27

Under the Federal Insecticide

McNess, RABON® 7.76 ORAL LARVICIDE PREMIX CATTLE AND SWINE

To prevent the development of horn flies, face flies, houseflies and stable flies in the manure of treated cattle and houseflies in the manure of treated swine.

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

* Each pound contains 35.2 grams of Rabon *

** Refers to ingredients which are not larvicidal

INGREDIENTS

Calcium Carbonate

KEEP OUT OF REACH OF CHILDREN!

CAUTION

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 in eyes, wash with plenty of water. If irritation persists, see a physician. Wear long-sleeved shirt and pants, chemical resistant gloves, shoes and socks for protection when handling.

ENVIRONMENTAL HAZARDS

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

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 application 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. 1304-63

EPA Est. No. 1304-IA-1

Product Code No.

1495

Manufactured by
FURST-McNESS CO.
Freeport, Illinois 61032
NET WT 40 LBS.

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