

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 25

300/253483
17/7

Mr. K.E. Broyles
Purina Mills, Inc.
P.O. Box 60812
St. Louis, MO 63166-0812

Dear Mr. Broyles:

Subject: Tetrachlorvinphos Registration Standard
PURINA® Brand Fly Larvicide (Feed Mix)
EPA Registration No. 602-265

Your letters dated January 25 and August 9, 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 change listed below before you release the product for shipment bearing the amended labeling.

- Change "This product is toxic . . ." to "This pesticide is toxic . . ." under the Environmental Hazards section.

Submit five (5) copies of your final printed labeling before you release these products 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

55370;I:Hebert:LR-3;KENCO;10/18/89;11/30/89;EK:lh:dg

CONCURRENCES

| | | | | | | | |
|---------|--|--|--|--|--|--|--|
| SYMBOL | | | | | | | |
| SURNAME | | | | | | | |
| DATE | | | | | | | |

Reason For Issue: Add Horse claims.
EPA approved. Submit 5 final labels to
EPA.

Date Issued: 8/3/89 (Yellow)

Prev. Date Issued: 6/13/88

(9-Square Logo)

Front Panel

ACCEPTED
with COMMENTS
in EPA Letter Dated:

PURINA®
BRAND

(3-Row Checkerband®)

FLY LARVICIDE
(FEED MIX)

EPA Reg. No. 602-265

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

For the manufacture of Larvicide Cattle, Swine and Horse Feeds

602 265

To Prevent the Development of Horn Flies, Face Flies, Stable Flies & House Flies in
Manure of Treated Cattle and House Flies in the Manure of Treated Swine and house
flies, and stable flies in manure of treated horses. Control of fecal flies in
manure of treated cattle, swine, and horses.

ACTIVE INGREDIENT:

| | |
|---|---------|
| Tetrachlorvinphos: 2-chloro-1-(2,4,5-trichlorophenyl) | |
| vinyl dimethyl phosphate..... | 7.76% |
| INERT INGREDIENT..... | 92.24% |
| | 100.00% |

Feed Ingredient: Ground Rice Hulls

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

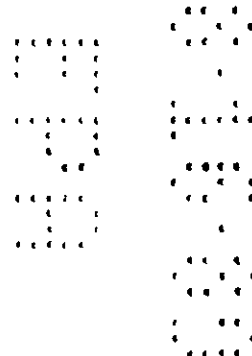
See Back Panel for Additional Precautionary Statements

NET WT 50 LB

D-3666

Manufactured By
PURINA MILLS, INC.
P.O. Box 66812
St. Louis, Missouri 63166-6812

NET 50 LB
PURINA
BRAND
FLY LARVICIDE (FEED MIX)



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. If irritation persists, see a physician. Wear long-sleeved shirt and pants; chemical resistant gloves; shoes and socks.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Drift and runoff may be hazardous to aquatic organisms in adjacent areas. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwater.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

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

When fed, PURINA Fly Larvicide (Feed Mix) passes through the digestive system into the animals' manure where it kills fly maggots on contact shortly after fly eggs hatch. By preventing maggot development, PURINA Fly Larvicide (Feed Mix) helps to control horn flies and face flies on pasture and house flies and stable flies in and around cattle lots and house flies in treated swine.

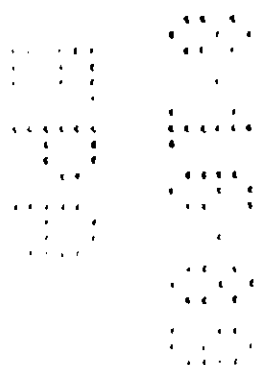
Feeds prepared with PURINA Fly Larvicide (Feed Mix) should not be pelleted or mixed with feeds containing predominantly pellets. A premix should be preblended with ground grain, protein supplements, or mineral mixes before being added to roughages, such as chopped hay or silage. Mixing time should be adequate to assure uniform dispersion. Common feed mixing equipment such as vertical mixers, horizontal blenders, or mixer/feeder trucks may be used.

Do not use manure/droppings on land where food crops are to be grown during the current growing season.

CATTLE:

IN A COMPLETE DRY RATION (NO OTHER ROUGHAGE FED)

Mix 1.5 pounds of PURINA Fly larvicide (Feed Mix) per ton to provide 26.4 mg of Rabon per pound of complete mixed ration containing both grain and roughage. Full-feed this medicated complete ration to feeder cattle weighing from 400 to 1400 pounds. Dairy Cattle should be fed not less than 2.6 pounds of the complete medicated ration per 100 pounds of body weight daily.



IN A CONCENTRATE DRY FEED (ROUGHAGE FED SEPARATELY)

Mix PURINA Fly Larvicide (Feed Mix) according to the amount of concentrate to be fed per animal per day to provide 792 mg of Rabon per animal per day. Use the following table as a guide for determining the proper mixing rate.

| For Cattle Weighing Between 400-1200 Pounds | |
|--|---|
| Pounds of Concentrate Consumed Per Animal Per Day | Pounds of PURINA Fly Larvicide (Feed Mix) Per Ton of Concentrate |
| .5 | 90.0 |
| 1.0 | 45.0 |
| 1.5 | 30.0 |
| 2.0 | 22.5 |
| 5.0 | 9.0 |
| 10.0 | 4.5 |
| 15.0 | 3.0 |
| 20.0 | 2.3 |
| 25.0 | 1.8 |
| 30.0 | 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 concentrate to 1-1/2 times that recommended.

SWINE

All swine should be treated.

PIGS (WEANERS TO MARKET WEIGHT):

Mix 1.3 pounds of PURINA Fly Larvicide (Feed Mix) per ton of meal type feed and feed free choice to provide 22.7 mg of active ingredient per pound of feed.

SOWS, BOARS, AND BREEDING GILTS:

Mix 2.6 pounds of PURINA Fly Larvicide (Feed Mix) per ton of meal type feed and feed 4-6 pounds per animal per day to provide 45.4 mg of active ingredient per pound of feed.

Start feeding PURINA Fly Larvicide (Feed Mix) early in the spring before flies begin to appear and continue feeding throughout the summer and into fall until cold weather restricts fly activity. May be fed up to slaughter and to lactating dairy cows without withholding the milk from market during or after treatment.

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. Supplemental fly 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 manure but in other decaying vegetable matter or silage on the premises.

HORSE

Topdressing Instructions:

Mix 1 lb. of Purina Fly Larvicide in 25 lbs. of your horses normal ration. Topdress daily throughout the fly season according to the following chart:

| <u>Horses Body Wt. (lbs)</u> | <u>Amt. of Mix/Day</u> |
|------------------------------|------------------------|
| 400 | .2 lbs. |
| 800 | .4 lbs. |
| 1200 | .6 lbs. |

Add the amount (in lbs.) of Purina Fly Larvicide from the table below to each ton of feed, using your horse's weight bracket and feeding level.

| Lbs. of Feed/Day Animal | Animal Weight | | Bracket (lbs.) | |
|-------------------------------|--|--|----------------|--|
| | 400-800 | | 800-1200 | |
| | Lbs. of Purina Fly Larvicide (feed premix) per ton of feed | | | |
| 6 | 5.3 | | 8.0 | |
| 9 | 3.5 | | 5.3 | |
| 12 | 2.7 | | 4.0 | |
| 15 | --- | | 3.2 | |

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in dry place.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag at sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

EPA Est. No. 602-MO-1

QUALITY CONTROLLED BY PURINA RESEARCH

LIVESTOCK REMEDY - NOT FOR HUMAN CONSUMPTION

8908 T

Printed in U.S.A.

