

602-265

PM15

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Mr. R.E. Broyles
Ralston Purina Company
Checkerboard Square
St. Louis, MO 63164

Dear Mr. Broyles:

Subject: Amendment - Addition of Horse Claims to Label
Purina Fly Larvicide (Feed Mix)
EPA Registration No. 602-265
Your Application Dated June 9, 1988

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 indicated below before you release the product for shipment bearing the amended labeling.

1. Delete "for 15 minutes" from the "If In Eyes" statement.
2. Change the Environmental Hazards statement to read as follows:

This product is toxic to fish. Keep out of any body of water. Do not contaminate water by disposing of equipment washwaters.

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

50978:I:CR-44:Richards:LLR-18:KENC:05/24/89:07/03/89:CL:GJ:VO:EK:AS

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

Reason For Issue:
Add Horse Claims: Use for EPA approval

Date Issued: 6/13/88 (Green) ²⁰⁵
Prev. Date Issued: 6/9/87

(9-Square Logo)

Front Panel

PURINA
BRAND

(3-Row Checkerband)

FLY LARVICIDE
(FEED MIX)

EPA Reg. No. 602-265

For the manufacture of Larvicide Cattle, Swine and Horse Feeds

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:

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)

ACCEPTED
with COMMENTS
to EPA Letter Dated:

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

602-265

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

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.

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

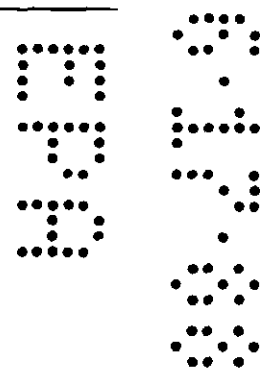
Topdressing Instructions:

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.

<u>Lbs. of Feed/Day Animal</u>	<u>Animal Weight</u>		<u>Bracket (lbs.)</u>	
	<u>400-800</u>		<u>800-1200</u>	
	<u>Lbs. of Purina Fly Larvicide (feed premix) per ton of feed</u>			
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

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