

Reason For Issue: For submission to EPA in accordance with EPA's comments of 9/14/82.

Date Issued: 9/29/82

Prev. Date Issued: 4/14/82



Front Panel



PURINA®
Brand

(3-Row Checkerband)®

EPA Reg. No. 602-265

FLY LARVICIDE
(Feed Mix)

For the manufacture of Larvicide Cattle and Swine Feeds

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:

2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate	7.76%
INERT INGREDIENT	92.24%
	<u>100.00%</u>

Feed Ingredient: Ground Rice Hulls

KEEP OUT OF REACH OF CHILDREN
CAUTION
See Below For Additional Precautionary Statements

ACCEPTED
with COMMENTS
in EPA Letter Dated

NOV 15 1982

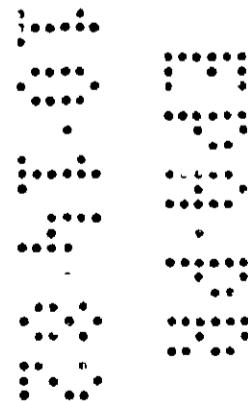
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
602-265

NET WT 50 LB.

D-3666

Manufactured By
RALSTON PURINA COMPANY
General Offices
Checkerboard Square
St. Louis, Missouri 63164

NET WT 50 LB.
PURINA® FLY
Brand
LARVICIDE (FEED MIX)



60-265

Back Panel

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.

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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.

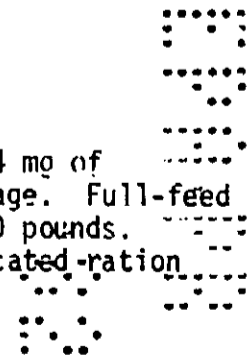
This product may be mixed with SUP-R-LIX Liquid Feed Supplements only. This product may not be mixed with other liquid products.

CATTLE:

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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.



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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.

602-265

IN A SUP-R-LIX LIQUID FEED

Mix Purina Fly Larvicide (Feed Mix) according to this table to provide 72 mg of Rabon per 100 lbs. body weight.

Pounds of Sup-R-Lix Consumed Per Animal Per Day	Cattle Weight (lbs)								
	400	500	600	700	800	900	1000	1100	
	Pounds of Purina Fly Larvicide (Feed Mix) per Ton of Sup-R-Lix								
1	16.4	20.4	24.5	28.6	32.7	36.8	40.9	45.0	
1.5	10.9	13.6	16.3	19.0	21.8	24.5	27.2	30.0	
2	8.2	10.2	12.3	14.4	16.4	18.4	20.5	22.5	
2.5	6.6	8.2	9.8	11.4	13.0	14.7	16.4	18.0	
3	5.4	6.8	8.2	9.5	10.9	12.2	13.6	15.0	
3.5	4.7	5.8	7.0	8.2	9.3	10.5	11.7	12.9	
4	4.1	5.1	6.1	7.1	8.2	9.2	10.2	11.2	
4.5	3.6	4.5	5.4	6.3	7.3	8.2	9.1	10.0	
5	3.3	4.1	4.9	5.7	6.5	7.4	8.2	9.0	
5.5	3.0	3.7	4.4	5.2	5.9	6.7	7.4	8.2	
6	2.7	3.4	4.1	4.8	5.5	6.1	6.8	7.5	
6.5	2.5	3.1	3.8	4.4	5.0	5.7	6.3	6.9	
7	2.3	2.9	3.5	4.1	4.7	5.3	5.8	6.4	
7.5	2.2	2.7	3.3	3.8	4.4	4.9	5.4	6.0	
8	2.0	2.6	3.1	3.6	4.1	4.6	5.1	5.6	
8.5	1.9	2.4	2.9	3.4	3.8	4.3	4.8	5.3	
9	1.8	2.3	2.7	3.2	3.6	4.1	4.5	5.0	
9.5	1.7	2.1	2.6	3.0	3.4	3.9	4.3	4.7	
10	1.6	2.0	2.5	2.9	3.3	3.7	4.1	4.5	

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Mix Purina Fly Larvicide (Feed Mix) according to this table to provide necessary Rabon per 100 lbs. body weight.

Pounds of Sup-R-Lix Consumed Per Animal Per Day	Cattle Weight (lbs)					
	1200	1300	1400	1500	1600	1700
	Pounds of Purina Fly Larvicide (Feed Mix) per Ton of Sup-R-Lix					
1	73.6	79.8	85.9	92.0	98.2	104.3
1.5	49.1	53.2	57.3	61.3	65.5	69.5
2	36.8	39.9	42.9	46.0	49.1	52.1
2.5	29.4	31.9	34.4	36.8	39.3	41.7
3	24.5	26.6	28.6	30.7	32.7	34.8
3.5	21.0	22.8	24.5	26.3	28.1	29.8
4	18.4	19.9	21.5	23.0	24.5	26.1
4.5	16.3	17.7	19.1	20.4	21.8	23.2
5	14.7	16.0	17.2	18.4	19.6	20.9
5.5	13.4	14.5	15.6	16.7	17.8	19.0
6	12.3	13.3	14.3	15.3	16.4	17.4
6.5	11.3	12.3	13.2	14.1	15.2	16.0
7	10.5	11.4	12.3	13.1	14.0	14.9
7.5	9.8	10.6	11.4	12.3	13.1	13.9
8	9.2	10.0	10.7	11.5	12.3	13.0
8.5	8.7	9.4	10.1	10.8	11.5	12.3
9	8.2	8.9	9.5	10.2	10.9	11.6
9.5	7.7	8.4	9.0	9.7	10.3	11.0
10	7.4	8.0	8.6	9.2	9.8	10.4

602-265

Feed the appropriate amount of PURINA® FLY LARVICIDE (Feed Mix) to cattle weighing between 400 and 1200 pounds. For larger cattle weighing between 1200-1700 pounds, the amount of PURINA FLY LARVICIDE (Feed Mix) is increased 1-1/2 times.

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.

STORAGE AND DISPOSAL

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

Pesticide Disposal: Pesticides 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.

EPA Est. No. 602-MO-1

Quality Controlled By Purina Research

LIVESTOCK REMEDY - NOT FOR HUMAN CONSUMPTION

829 K

Printed in U.S.A.

NOV 15 1982



TOP

306/8/024
18/4

Ralston Purina Co.
Checkerboard Square
St. Louis, MO 63188

Attention: Betty Pendleton

Gentlemen:

Subject: Final Printed Labeling/Add Liquid Supplement
Purina Fly Larvicide (Feed Mix)
EPA Registration No. 602-265
Your Application Dated October 12, 1982

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 constitutes acceptance of these conditions.

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

Sincerely yours,

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

Enclosure

TS-767:G.LAROCCA:DCR-39803:WANG-0813C:gmm:Raven:479-2013:10/25/82