

## CHALLENGER-3 Premix

Contains RABON® 7.76 ORAL LARVICIDE

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

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

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

PRECAUTIONARY STATEMENTS  
HAZARDS 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

CHALLENGER-3 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 CHALLENGER-3 Premix 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 CHALLENGER-3 Premix is dispersed uniformly with the feedstuff at the recommended level. Common feed mixing equipment (i.e., vertical mixers, horizontal blenders, mixer/feeder truck) may be used to prepare formulated feeds.

Feeds prepared with CHALLENGER-3 Premix should not be pelleted, nor mixed with feeds containing predominantly pellets. Further, CHALLENGER-3 Premix should not be mixed in liquid feed supplements. In a Concentrate Feed — Roughage Fed Separately CHALLENGER-3 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 CHALLENGER-3 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 mg/lb	%	Pounds of CHALLENGER-3 Premix per Ton of Concentrate
.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 to cattle weighing between 400 and 1200 pounds. For larger cattle weighing between 1200-1700 pounds, increase the amount of concentrate fed to 1½ 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 the fall until cold weather restricts fly activity.

Rations containing CHALLENGER-3 Premix may be fed up to slaughter and to lactating dairy cows without withholding the milk from market during or after treatment.

CHALLENGER-3 Premix prevents the development of horn flies, face flies, house flies, 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 house flies and stable flies which can breed not only in cattle manure but other decaying vegetable matter or silage on the premises.

In order to achieve optimum fly control CHALLENGER-3 Premix should be used in conjunction with other good management and sanitation practices.

In a Complete Ration — No Other Roughage Fed

CHALLENGER-3 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 CHALLENGER-3 Premix per ton of complete mixed ration containing both grain and roughage.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS**

**CAUTION**

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**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.

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 house flies and stable flies in and around cattle lots.

Mfg. by

**LAVERGNE SUPPLEMENT COMPANY**

1038 Space Park South  
Nashville, Tennessee 37211  
Phone: (615) 834-4144

EPA Reg. No. 37699-1

Net Wt. 50 lbs.

18.0  
20.0  
25.0  
30.0

33  
39  
32  
26

0.015  
0.0087  
0.0069  
0.0059

1.0  
2.3  
1.8  
1.5

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To prepare a larvicidal ration, mix 1.5 pounds of CHALLENGER-3 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.

**STORAGE AND DISPOSAL**

Do not contaminate water or food by storage or disposal. Open dumping is prohibited. Disposal of in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

**ACCEPTED**

JUL 28 1976

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 37699-1