

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

48390-1

1/11/83

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UCL 1/11/83

300/254086
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Mr. James J. Cole
Nutra Blend Corporation
P.O. Box 1921
Neosho, MO 64850

OK

Dear Mr. Cole:

Subject: Tetrachlorvinphos Registration Standard
Nutra-Blend 7.76 Fly Larvicide Premix
EPA Registration No. 48390-1
Your Letter Dated September 21, 1982

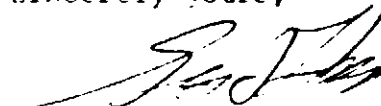
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling change listed below before you release the product for shipment bearing the amended labeling.

- 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 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 (875050)

Enclosure

55381: I/C:Hebert;LR:3:KENCO:10/26/89-12/06/89:CL:SW:VO:dg
CONCURRENCES

SYMBOL								
SURNAME								
DATE								

NB

with COMMENTS
in EPA Letter Dated:

007 27 1981

Under the Federal Insecticide
Fungicide and Rodenticide Act
amended for the pesticide
registered under EPA Reg. N

48342

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NUTRA-BLEND 7.76 Fly Larvicide Premix

(Contains RABON® Oral Larvicide)

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

By Weight

Tetrachlorvinphos: 2-Chloro-1-(2, 4, 5-trichlorophenyl) vinyl
dimethyl phosphate 7.76%*

INERT INGREDIENTS 92.24%**

TOTAL 100.00%

** Refers only to feed ingredients which are not larvicidal. (Ground Rice Hulls,
Calcium Carbonate and Mineral Oil.)

* RABON Insecticide — Contains 35 grams of RABON per pound.

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, get medical attention.
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.

DIRECTIONS FOR USE

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

Rations containing this product may be fed up to slaughter and to lactating dairy cows without withholding the milk from
market during or after treatment.

Start feeding this product 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.

When fed, this product passes through the digestive system into the animal's manure where it kills fly larvae on contact
shortly after fly eggs hatch.

It 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.

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

In order to achieve optimum fly control, this product should be used in conjunction with other good management and sanitation
practices.

This product will mix uniformly in 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 through-
out 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 this product 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 this product should not be pelleted, nor be mixed with feeds containing predominantly pellets. Further,
this product should not be mixed in liquid feed supplements.

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CATTLE

In a Concentrate Feed — Roughage Fed Separately

This product 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 this product 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 NUTRA BLEND 7.75 Fly Larvicide 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 and 1700 pounds, increase the amount of premix per ton of concentrate to 1% times that recommended.

CATTLE

In a Complete Ration — No Other Roughage Fed

This product can be used to prepare rations that contain 28.4 mg. of RABON per pound of complete ration.

To prepare a larvicidal ration, mix 1.5 pounds of this product 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.

SWINE

All swine should be treated.

Pigs (weaners to market weight): Mix 1.3 pounds of this product per ton of meal type feed and offer free choice. This is equivalent to 22.7 mg. of RABON per pound of feed.

Sows, Boars and Breeding Gilt: Mix 2.6 pounds of this product per ton of meal type feed and offer 4 to 6 pounds of feed per animal per day. This is equivalent to 45.4 mg. of RABON per pounds of feed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a dry place in original container.

DISPOSAL: Completely empty container into application (mixer/feeder) equipment. Then if use 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. Residue resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

EPA Reg. No. 48390-1

NET WT. 40 LBS.

EPA Est. No. 48390-MO-01

Manufactured By

Nutra Blend Corporation

Rt. 7 Box 192A
Neosho, Mo. 64850