

PM 03

67517-26

7-8-99

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg Number  
67517-26

Date of Issuance  
JUL - 8 1999

Term of Issuance Unconditional

Name of Pesticide Product:  
Fly Larvicide (Feed Premix)

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code).

PM Resources, Inc.  
13001 St. Charles Rock Rd.  
Bridgeton, MO 63044

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Documents, EPA has reregistered the product listed above. This action is taken under the authority of section 4 (g) (2) (c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Registration under this section does not eliminate the need for control reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product. With regards to labeling, you must make the labeling changes listed below:

- 1) The correct chemical name for your product should be listed as the following, which is the more specific isomer designation (please revise your active ingredients statement accordingly):  
  
"Tetrachlorvinphos: (Z)-2chloro-1-(2,4,5-trichloro-phenyl)vinyl dimethyl phosphate".
- 2) Please revise your "Hazards to Humans and Domestic Animals" to read the following:

**CAUTION**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequent contact may cause allergic reaction in some individual. Wash thoroughly with soap and water after handling.

**Personal Protective Equipment (PPE)**

Handlers must wear:  
Long sleeved shirt and pants  
Shoes and socks  
Chemical resistant gloves

Signature of Approving Official:

*Nancy Lynn Keigwin*  
for George T. LaRocca

Date:

JUL - 8 1999

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Wash thoroughly with soap and water after handling. Wash hands before eating, drinking chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

3) Please remove both "User Safety Requirements" and "User Safety Recommendations" from your Environmental Hazards section (we have asked that you discuss these precautions in your "Hazards to Humans and Domestic Animals" section, above).

4) Please change your "Statement of Practical Treatment" to read the following:

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

Your product is also required to have a "Note to Physician". The Note to Physician should be located directly below your Statement of Practical Treatment and should contain the following information:

- Technical information on symptomatology;
- Use of supportive treatments to maintain life functions;
- Medicine that will counteract the specific physiological effects of the pesticide;
- Company telephone number to specific medical personnel who can provide specialized medical advice.

- 5) Please combine the third paragraph under "Applications Restrictions" (beginning with "Feeds prepared with fly larvicide (feed premix)..." with the first paragraph.
  
- 6) The dosage rate should reflect weight of active ingredient in addition to the weight of the product
  
- 7) Enclosed is a copy of your label stamped "Accepted with Comments". Please submit two (2) copies of your final printed label for before you release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling.

) If you have any questions regarding this action, please contact me at (703) 305-6100 or Tracy Keigwin of my team at (703) 305-6605.

Sincerely,

George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505C)

Enclosure

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**FRONT PANEL**

**FLY LARVICIDE (FEED PREMIX)**

**LIVESTOCK REMEDY - NOT FOR HUMAN CONSUMPTION**

**THIS PRODUCT IS NOT TO BE USED ON HORSES DESTINED FOR SLAUGHTER**

**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 Face 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 INGREDIENTS:** ..... 92.24%

**TOTAL 100.00%**

Feed Ingredient: Ground Rice Hulls

**KEEP OUT OF THE REACH OF CHILDREN**

**CAUTION**

**SEE SIDE/BACK PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Reg. No.: 67517-26  
NET WT. 50 LB

EPA Est. No.: 67517-MO-1

Manufactured By  
**PM RESOURCES, INC.**  
13001 St. Charles Rock Road  
Bridgeton, MO. 63044

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
JUL - 8 1999  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
67517-26

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**SIDE/BACK PANEL**

**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS & DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating or smoking. Wear long-sleeved shirt and long pants; chemical resistant gloves; shoes and socks. Remove contaminated clothing and wash clothing before reuse. This product may cause skin sensitization reactions in certain individuals.

**STATEMENT OF PRACTICAL TREATMENT**

**If In Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**If On Skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Drift and runoff may be hazardous to aquatic organisms in adjacent areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater.

This pesticide 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.

**USER SAFETY REQUIREMENTS:** Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS:**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**SIDE/BACK PANEL**

**DIRECTIONS FOR USE**

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

**APPLICATION RESTRICTIONS:** Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

When fed, Fly Larvicide (Feed Premix) 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, Fly Larvicide (Feed Premix) 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 Fly Larvicide (Feed Premix) 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 Fly larvicide (Feed Premix) per ton to provide 26.4 mg of Rabon per pound of complete mixed ration containing both grain and roughage. Full-feed this 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 ration per 100 pounds of body weight daily.

**IN A CONCENTRATE DRY FEED (ROUGHAGE FED SEPARATELY)**

Mix Fly Larvicide (Feed Premix) 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.

**SIDE/BACK PANEL****DIRECTIONS FOR USE (Continued)**

<b>For Cattle Weighing Between 400-1200 Pounds</b>	
<b>Pounds of Concentrate Consumed Per Animal Per Day</b>	<b>Pounds of Fly Larvicide (Feed Mix) Per Ton of Concentrate</b>
.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 Fly Larvicide (Feed Premix) 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 Fly Larvicide (Feed Premix) 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 Fly Larvicide (Feed Premix) 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.

**SIDE/BACK PANEL**  
**DIRECTIONS FOR USE (Continued)**

**Horses**

**Topdressing Instructions:**

Mix 1 lb. of 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 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</u>	<u>Animal Weight</u>	<u>Bracket (lbs.)</u>
<u>Animal</u>	<u>400-800</u>	<u>800-1200</u>
<u>Lbs. of 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 AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool dry place.

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

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

**NOTICE OF WARRANTY**

**PM RESOURCES, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED CONCERNING THIS PRODUCT OR ITS USES WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.**