



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

EPA Reg. Number:

Date of Issuance:

71176-2

FEB 19 1998

Term of Issuance:

Unconditional

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Name of Pesticide Product:

CYFLY 1% Premix

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Blue Ridge Pharmaceuticals, Inc.  
212-B Burgess Road  
Greensboro, NC 27409

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.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3) (c) (2)(B).

1. Make the labeling changes listed below before you release the product for shipment:

a. Add the phase "EPA Registration No. 71176-2."

Signature of Approving Official:

Date:

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b. Under "For fly control in poultry operations" on the front panel add "In and around caged or slatted flooring layer chicken operations, Breeder chicken operations.

c. Add referral statement on front panel i.e. "See additional precautionary statements on back side of bag."

d. Add the following statement to end of first paragraph under Note to feed mill operators: "Alternatively you can include a copy of this labeling to the customer".

e. The withdrawal statement should read: "to avoid illegal residues Cy Fly 1% Premix treated feed must be withdrawn at least xxx etc."

f. Revise the second sentence under Enviromental Hazards to read: "xxx by cleaning of equipment or disposal of equipment washwaters."

2. Submit three (3) 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 section 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.

Enclosure

3/6

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

FEB 19 1998

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

71176-2

# CYFLY™ 1% PREMIX

## For fly control in poultry operations

Active ingredient		
Cyromazine.....	.....	1.0%
Other Ingredients .....	.....	99.0%
Total		100.0%

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

### STOP - READ LABEL BEFORE USING

EPA REG. NO. 71176-*E2*

MANUFACTURED FOR :

BLUE RIDGE PHARMACEUTICALS, INC.  
212 SUITE B BURGESS ROAD  
GREENSBORO, NC 27409

EPA EST. NO. 71176-NC-001

MANUFACTURED BY :

EPA EST. NO. 67517-MO-1

NET CONTENTS

25lbs.

11/97

**Directions for Use and Conditions of Sale and Warranty**

**IMPORTANT:** Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product. If terms are not acceptable, return the unopened product container at once.

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**Conditions of Sale and Warranty**

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The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Blue Ridge Pharmaceuticals or the Seller. All such risks shall be assumed by the Buyer.

Blue Ridge Pharmaceuticals warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **Blue Ridge Pharmaceuticals makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Blue Ridge Pharmaceuticals or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Blue Ridge Pharmaceuticals and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of Blue Ridge Pharmaceuticals.

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**General Information**

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CyFly 1% Premix is a premix which, when blended into a poultry ration according to the **Directions for Use** given below, will control certain fly species which develop in poultry manure. CyFly 1% Premix is intended for use only in poultry (chickens) layer and breeding operations.

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**Directions for Use**

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

**FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN INJURY, POOR FLY CONTROL, AND/OR ILLEGAL RESIDUES.**

Fly control in poultry operations includes appropriate sanitary and management practices to reduce the number and size of fly breeding sites. A successful sanitation and management program may allow less than constant use of insecticides. This program, in turn, should prolong the effective life of such control agents.

**Eliminating fly breeding sites**

Certain conditions around poultry operations encourage flies and should be brought under control or eliminated as an aid to fly control. These conditions include:

- Removing broken eggs and dead birds.
- Cleaning feed spills and manure spills, especially if wet.

- Reducing feed spills in the manure pits.
- Reducing moisture in the manure.
- Reducing water leaks that cause wet manure.
- Cleaning out weed-choked water drainage ditches.
- Minimizing sources from other fly-infested animal operations in close proximity to the poultry house.

**Determining the threshold of fly tolerance**

Fly pressure can vary depending on farm location, season of the year, and emphasis on sanitation. Newer, controlled environment poultry houses are known to be less susceptible to fly populations re-establishing, once brought under control. Frequency of manure removal and proximity of the farm to neighbors or residential areas will greatly influence the expected degree of fly control. Each farm must determine the level of fly control required and follow an appropriate control program.

**Blending and Feeding CyFly 1% Premix**

**Housefly, soldier fly, lesser housefly:** Mix 1 lb. of CyFly 1% Premix per ton of feed. Feed the treated feed as a daily ration. Begin feeding when adult flies become active and continue treatment as prescribed through the fly season.

**Important note to feed mill operators**

CyFly 1% Premix feed formulators (those mixing as a service to customers) must inform the feed user that treated feed must be removed from layers and breeders at least 3 days before slaughter. The following label statement is suggested for use on treated containers: "This poultry feed is formulated with 5.0 ppm (0.01 lb/ton) cyromazine. Treated feed must not be fed to layers and breeders for a minimum of 3 days (72 hours) before slaughter for food."

CyFly 1% Premix will provide a high degree of fly control and will give best results when integrated with a well-managed fly control program. This program includes minimization of fly breeding sites, determination of the degree of fly control desired, monitoring of adult fly population in and around the operation, and frequent examinations of manure for maggot activity.

**When and how to use CyFly 1% Premix**

First, monitor adult flies in and near the poultry house. When the population reaches a level to cause concern, use a registered adulticide spray or fog to reduce the breeding potential. Then, examine manure in the pits for maggot activity. If maggots are active, start CyFly 1% Premix in the ration.

Feed CyFly 1% Premix continuously as directed for 4 to 6 weeks. Usually, this time is adequate for CyFly 1% Premix to thoroughly cover the droppings and break the fly population cycle in the poultry house.

After a minimum of 4 to 6 weeks of CyFly 1% Premix feeding, carefully examine the manure pits. If little or no activity is observed in the manure, discontinue CyFly 1% Premix and continue the sanitation and management program. Continue monitoring the manure pits. If maggots become active again, repeat the procedure.

Use bait, sprays, or fogs as needed during and between CyFly 1% Premix feeding periods to control any adult flies.

During winter months or during periods of low fly pressure, discontinue CyFly 1% Premix use for at least 4 consecutive months per year.

Consult with local extension service poultry entomologists or your State Agriculture Experiment Station for additional localized fly control suggestions.

**Note:** Do not feed CyFly 1% Premix treated feed to broiler poultry. CyFly 1% Premix use in poultry is limited to use as a feed-through in chicken layer and breeder operations only, and may not be fed to any other poultry species.

To avoid illegal residues, CyFly 1% Premix treated feed must be ~~removed~~ <sup>withdawn</sup> at least 3 days (72 hours) before slaughter. ✓

Manure from chickens fed CyFly 1% Premix may be used as a soil fertilizer supplement. Do not apply more than 3 tons of manure per acre per year. Do not apply to small grain crops that will be harvested or grazed or illegal residues may result. Do not feed manure from chickens fed CyFly 1% Premix to animals.

### Storage and Disposal

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

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

**Container:** Completely empty bag into mixer. Dispose of empty bags in a sanitary landfill, or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Blue Ridge Pharmaceuticals at 910-664-0304, day or night.

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

#### CAUTION

Harmful if inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with skin or clothing. May cause skin sensitization reactions in certain individuals. Wash thoroughly with soap and water after handling.

#### Statement of Practical Treatment

**If on skin:** Immediately wash with plenty of soap and water. Get medical attention if irritation develops or persists.

**If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth, and get medical attention.

**If in eyes:** Flush with plenty of water. Get medical attention if irritation develops or persists.

#### Environmental Hazards

Keep out of lakes, ponds, and streams. Do not contaminate water by cleaning of equipment or disposal of wastes.