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AUG 1 1991

Dr. Leland Veith, DVM  
Farnum Companies, Inc.  
P.O. Box 34820  
Phoenix, AZ 85067-4820

Dear Dr. Veith:

Subject: Repel-XP  
EPA Registration Number 270-150  
Application dated January 18, 1991

The proposed amendment to the registration of the product cited above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, adding the claim "Repels and Kills Deer Ticks that may Transmit Lyme Disease", is acceptable.

The label submitted with this proposed amendment is acceptable subject to the comments listed below. A stamped copy of the product label is enclosed for your records.

1. Change the statement "Do not contaminate water by cleaning equipment or disposal of wastes" to read "Do not contaminate water when disposing of equipment washwaters".
2. In the statement of practical treatment for eyes, change the statement "Immediately flush with water for at least 15 minutes" to read "Immediately flush eyes with plenty of water".
3. Submit a revised Confidential Statement of Formula (CSF) designating the function of pine oil in the formulation. Since you are now claiming that the pine oil is an inert ingredient, the CSF must be changed to reflect this inert status.

2045  
EPA Registration Number 270-150:

The proposed amendment substituting white oil for propylene glycol is acceptable subject to the comment listed below.

Submit the product chemistry data for the new formulation.

Sincerely,

*(RFM)*  
Richard F. Mountfort  
Product Manager (10)  
Insecticide-Rodenticide Branch  
Registration Division

3, 4, 5

FRONT PANEL

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
AUG 1 1991  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
270-150

Repels And Kills Deer Ticks  
That May Transmit Lyme Disease

FARNAM  
REPEL -XP  
EMULSIFIABLE FLY SPRAY

Repel-XP is a concentrate which when diluted with water according to label directions will provide economical protection from biting and bloodsucking Flies, Gnats and Mosquitos. Repels Horn Flies, House Flies and Stable Flies, also Horse and Deer Flies (Tabanids). Keeps them off the animal! Also kills on contact.

ACTIVE INGREDIENTS:

Pyrethrins.....0.40%  
Piperonyl Butoxide Technical\*.....1.00%

INERT INGREDIENTS:.....98.60%

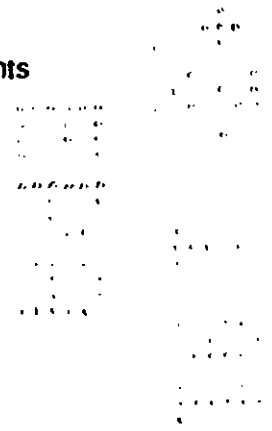
\*Equivalent to 0.80% (Butylcarbityl) (6-propylpiperonyl) ether and 0.20% of related compounds.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements

NET CONTENTS: 32 FL OZ (1 QUART)



BACK PANEL

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**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

For animal use only. Not for use on humans. Harmful if swallowed. Avoid contamination of food and feeds. Do not use on horses intended for human consumption.

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Do not induce vomiting. Vomiting may be harmful. Consult a physician immediately.

**IF ON SKIN:** Wash with plenty of soap and water.

**IF IN EYES:** Immediately flush with water for at least 15 minutes. Consult a physician if irritation persists.

**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.

**PHYSICAL HAZARDS**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

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

**FOR USE ONLY ON SHOW, RACE, WORK OR PLEASURE HORSES**

**SHAKE WELL BEFORE USING**

**BACK PANEL**

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Mix Repel-XP Emulsifiable Fly Spray with water at proper dilution. First put the required amount into sprayer or mixing container. Then add water according to directions, and mix thoroughly before using.

**IMPORTANT:** Mix fresh solution before each use. Apply with pressure sprayer, or you can sponge it on horses. Make sure animal's coat is thoroughly wet. Use approximately 8 oz. for each animal depending on size of horse or pony. Avoid getting solution into the animal's eyes.

**HORSES:** To protect horses from Horn Flies, House Flies, Gnats and Mosquitos apply at a 1 to 7 dilution. Each pint of concentrate makes a gallon of finished spray. Repeat application every 3 or 4 days or as often as needed. Where Horse Flies, Deer Flies (Tabanids), Stable Flies, Ticks, or Deer Ticks, that may transmit Lyme Disease, are a problem, apply 1 to 4 dilution and repeat as often as needed.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in cool, dry place, inaccessible to children and pets.

**DISPOSAL:** Do not reuse empty container. Wrap container and put in trash.

EPA REG NO: 270-150

EPA EST NO: 6175-LA-1

Manufactured For:

FARNAM COMPANIES, INC.

Omaha, Nebraska 68112

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