

12 JUN 1992

Farnam Companies, Inc.  
301 West Osborn  
Phoenix, AZ 85067-4820

Attn: Nancy Johnson

Subject: Farnam Water Base Fly Repel  
EPA Registration No. 270-172  
Application dated May 21, 1992


Dear Ms. Johnson:

The proposed amendment to the registration for the product cited above under The Federal Insecticide, Fungicide, and Rodenticide Act combining two labels and adding two claims is acceptable subject to the comments listed below.

- 1) Change the statement " A Water Based Micro Emulsion with Pleasant Citronella Scent " to read " A Water Based Micro Emulsion with Pleasant Scent. " Refer to the second paragraph of our letter dated May 28, 1992.
- 2) Change the statement " Contains Natural Pyrethrins " to read "Contains Pyrethrins ".
- 3) Change the phrase " a natural pyrethrin fly repellent " to read "a pyrethrin fly repellent ".

A stamped copy of the draft label is enclosed for your records. Submit two copies of the corrected finished printed label before the product is released for shipment under this amended label.

Sincerely,

  
Richard F. Mountfort  
Product Manager 10  
Insecticide & Rodenticide Branch  
Registration Division (H7505C)

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WATER BASE

FLY REPEL

FLY SPRAY FOR HORSE  
HIGH TECH HAIR POLISH  
EXCELLENT FOR HORSE SENSITIVE TO OIL BASE FLY SPRAYS  
CONTAINS LESS THAN 1% OIL  
CONTAINS NATURAL PYRETHRINS  
LEAVES NO OILY RESIDUE TO ATTRACT DUST

READY-TO-USE

To protect horse from Horn Flies, Stable Flies, Deer Flies, Mosquitoes, House Flies, Horse Flies, Gnats and Lice

- \* **Contains More Active Ingredients than the original Bronco Fly Spray**
- \* **A Water Based Micro Emulsion with Pleasant Citronella Scent**
- \* A Concentrated Pyrenone ® Micro Emulsion
- \* Clear-Stable-Leaves No Oily Or Objectionable Residues
- \* Effective, Fast Acting Insecticide
- \* Kills And Repels Biting Flies
- \* For Use In Homes, Institutions, Restaurants, Food Processing Plants, Dairies, Livestock and Outdoors for Mosquito Control
- \* For Control Of Fleas And Brown Dog Ticks On Premises And On Pets
- \* Apply With Conventional Mechanical Or Compressed Air Equipment

ACCEPTED  
with COMMENTS  
in EPA Letter Board

12 JUN 1992

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

270-172

ACTIVE INGREDIENTS

Pyrethrins.....	0.10%
*Piperonyl Butoxide, Technical.....	1.00%
INERTS INGREDIENTS.....	98.90%
	100.00%

\* Equivalent to min. 0.8% (butylcarbityl) (6-propylpiperonyl) ether and 0.2% related compounds.

PYRENONE - Registered Trademark of Fairfield American Corporation

KEEP OUT OF REACH OF CHILDREN  
CAUTION  
See back panel for additional cautions

NET CONTENTS \_\_\_\_\_

Farnam's Water Base Fly Repel gives you the perfect show combination - a high-tech silicon shine and a natural pyrethrin fly repellent in one product. All the advantages of a silicon polish - detangles manes and tails quickly; a lustrous, healthy looking coat that shines like a winner; silicone formula repels dust and dirt and prevents stains from grass, urine, manure and latigo - plus protection from annoying flies.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. Remove pets, bird and cover fish aquaria before space spraying or surface applications. Avoid contamination of feed and foodstuffs.

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately. **IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water. Seek medical attention if irritation persists. **IF IN EYES:** Flush eyes with plenty of water. Seek medical attention if irritation persists. **IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated. Seek medical attention if indicated.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to lakes, ponds, streams, tidal marshes or estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes.

Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herein.

**DIRECTIONS FOR USE**

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

**DO NOT USE ON HORSES INTENDED FOR SLAUGHTER**

**INDOOR APPLICATION:**

The use of this product in food processing establishments should be confined to time periods when the plant is not in operation. Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned with potable water before using.

Vacate treated areas and ventilate before reoccupying.

For maximum effectiveness, a combination of spot, surface treatment and fogging is recommended.

**SURFACE SPRAYING:** To control **Cockroaches, Palmetto Bugs, Ants, Silverfish, Spiders, Crickets, Clovermites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Sawtoothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Meal Worms, Grain Mites, and Cadelles:** Use a good sprayer adjusted to a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, behind shelves and drawers, behind and beneath sinks, stoves, refrigerators and cabinets, along baseboards, around door and window frames, into dark corners and in and around garbage compactors, garbage chutes and cans. For **Silverfish**, spray bookcases. For **Ants**, spray trails, nests, and points of entry. If surface application only is to be used, spray floors and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

In case of infested foods in cabinets, dispose of the infested material. Remove all contents and clean thoroughly. Spray interior surfaces of empty cabinets thoroughly. After spray has dried, cover shelves with paper or otherwise protect foods from direct contact with sprayed surfaces.

To control **Carpet Beetles:** Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving. Repeat treatment as needed.

To control **Bedbugs:** Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

**Pet Areas:** To control **Fleas and Brown Dog Ticks** on premise: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Concurrent treatment of animals is recommended. Repeat treatment as needed.

To control **Clothes Moths:** Remove any infested articles from storage, brush thoroughly and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly keeping nozzle at least three feet from fabric to avoid staining.

**SPACE SPRAYING:** Close doors, windows and transoms and shut off ventilating system. Apply with a good machine adjusted to deliver a fine mist or fog. For rapid control of **House Flies, Fruit Flies, Gnats, Mosquitoes, Skipper Flies, Wasps, Hornets, Angoumois Grain Moths, Mediterranean Flour Moths, Indianmeal Moths, and Tobacco Moths,** direct spray at an upward angle distributing it uniformly throughout the entire area at a rate of 3-6 ounces per 1000 cubic feet of space. Do not remain in treated areas. If insects have not dropped to floor in 3 minutes, repeat spraying as quantity sprayed was insufficient. Ventilate the area after treatment is completed. To aid in the prevention of breeding, spray on standing water and in garbage pails.

**FOGGING:** To kill exposed or accessible stages of the above named crawling insects, use a rate of 1 gallon to 20,000 to 40,000 cubic feet of space. Contact insects directly whenever possible

**ON LIVESTOCK:** To protect cattle, horses, and hogs from **Horn Flies, House Flies, Mosquitoes** and **Gnats** apply a light mist sufficient to wet the surface of the hair.

To control **Stable Flies, Horse Flies** and **Deer Flies**, apply at a rate of 2 ounces per adult animal sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

To control **Blood-sucking Lice**, apply to the infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat every 2 to 3 weeks if required.

To control **Poultry Lice**, spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

For control of **Bedbugs** and **Mites** in poultry houses, spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbug and mites hide.

**FLEAS AND TICKS ON DOGS AND CATS:** Start spraying at the animal's head, avoiding the eyes, nose and mouth as you spray. Make sure the animal's entire body is covered including the legs under body and tail. While spraying, fluff the hair so that the spray will penetrate the skin. Make sure spray wets thoroughly. Avoid contact with genitalia. Repeat as necessary.

**ADULT MOSQUITO CONTROL:** Apply as a fine mist to thoroughly treat the entire area. For best results, treat when the wind velocity does not exceed 5 miles per hour. Treat shrubbery or vegetation where **Mosquitoes** may rest (low, marshy places, stagnate pools or ponds and shore line). Apply at a rate of 2.5 pints per acre (0.1 ounce per 100 square feet). Using truck-mounted conventional misting equipment such as Rotomist® models 51C, 91 or 100HT traveling at 5 m.p.h. to treat a 300 foot swath calibrate equipment to deliver 0.9 gallon per minute.

**OUTDOORS:** (Camping, fishing, hunting) - Spray outer clothing and surroundings. Repels **Biting Flies, Mosquitoes, Midges** and **Gnats**. If sprayed every hour or so, will aid in keeping surroundings free from **Mosquitoes**. If in rare cases skin irritation results, avoid continued contact. Do not pour or squirt - use a good sprayer which will throw a heavy fine mist.

**STORAGE AND DISPOSAL**

Do not transport or store under 32°F. Store in a place inaccessible to children and pets.

Containers larger than one gallon:

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

**PESTICIDE STORAGE AND SPILL PROCEDURES:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste. Protect from freezing.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other State and local procedures.

Containers one gallon or less:

**STORAGE:** Store in original container in a cool dry place inaccessible to children and pets. Protect from freezing.

**DISPOSAL:** Wrap container in several layers of newspaper and discard in trash.

EPA REG. NO. 270-172

EPA EST. NO. 58093-TN-1

Distributed by:

**FARNAM COMPANIES, INC.**  
Omaha, NE 68112 U.S.A.

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