

FM 10 4-251 10/3
5 MAY 1994

James J. Wurz
Bonide Products, Inc.
2 Wurz Avenue
Yorkville, NJ13495

Dear Mr. Wurz:

Subject: Additional Label Claims For:
Bonide Dairy & Horse Fly Spray
EPA Registration No. 4-331
Application dated March 22, 1994

The proposed amendment to the registration of the product cited above under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable subject to the comment listed below:

Change the statement, "Do not contaminate water by cleaning of equipment or disposal of waste." to read "Do not contaminate water when disposing of equipment wash waters."

A stamped copy of the draft label is enclosed for your records. Submit two copies of the final printed label before the product is released for shipment under this revised labeling.

Sincerely,



Robert S. Brennis
Acting Product Manager 10
Insecticide & Rodenticide Branch
Registration Division (7505C)

BONIDE®

DAIRY & HORSE FLY SPRAY

KILLS AND REPELS

A Concentrated PYRENONE* Micro Emulsion—Clear—Stable—
Leaves no oily or objectionable residues. Effective, Fast Acting
Insecticide. For use in homes, institutions, restaurants, dairies,
on livestock and outdoors for mosquito control. For control of fleas
and brown dog ticks on premises and on pets. Apply with con-
ventional or compressed air equipment.
mechanical

| | | |
|--------------------------------------|---------------------|--------------------|
| | EPA Est. No. 4-NY-1 | EPA Reg. No. 4-331 |
| ACTIVE INGREDIENTS: | | |
| Pyrethrins | | 0.1% |
| *Piperonyl Butoxide, Technical | | 1.0% |
| INERT INGREDIENTS: | | 98.9% |
| | | 100% |

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

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

PYRENONE — Registered Trademark of Fairfield American Corporation.
DO NOT TRANSPORT OR STORE UNDER 32°F

NET CONTENTS:

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ACCEPTED
with COMMENTS
in EPA Letter Dated

5 MAY 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, the
registered pesticide

H-291

5045

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

CAUTION

Harmful if swallowed. Avoid contamination of feed and foodstuffs. Remove pets, birds and cover fish aquaria before space spraying or surface applications.

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 is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

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

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. ^{Water.}

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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.

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 approved State and local procedures.

SHAKE WELL BEFORE USE

and hogs

ON LIVESTOCK: To protect cattle, ~~and~~ horses 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 cow or horse 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 bedbugs and mites hide.

C.I. PETS: For fleas and ticks, start spraying at the tail, moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying, fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly. Do not spray into eyes or face. Avoid contact with genitalia. Repeat as necessary.

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PET AREAS: To control Fleas and Brown Dog Ticks on premises: Turn sprayer nozzle to spray position. 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.

INDOOR APPLICATION:

Cover all food utensils, fish tanks, and pet food before use. Vacate treated areas and ventilate before reoccupying.

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

SURFACE SPRAYING to Control Crawling Insects: Cockroaches, Palmetto Bugs, Ants, Silverfish, Spiders, Crickets, Clovermites, Cheese Mites, Earwigs, Sowbugs, Boxelder Bugs, Centipedes, 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.

To control fleas and brown dog ticks: 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. 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 and windows and shut off ventilating systems. 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, Indian meal 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.

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.

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BONIDE DAIRY & HORSE FLY SPRAY, EPA Reg. No. 4-331

FLYING INSECTS: Flies, Houseflies, Mosquitoes, Gnats, Mediterranean Flour Moths, Small Flying Moths. Turn sprayer nozzle to spray position. Keep about three feet away from walls, fabrics and furniture.

WASPS & HORNETS: Turn sprayer nozzle to stream position. Spray directly on insects whenever possible. Apply a wet spray after dark when all insects have returned to their nests.

GARDEN INSECTS ON HOUSE PLANTS AND ORNAMENTAL PLANTS OUTDOORS: Turn sprayer nozzle to spray position. Direct spray so that upper and lower leaf surfaces are contacted. To control Aphids, Bagworms, Thrips, Flea Beetles, Japanese Beetles, Lace Bugs, Leaf Hoppers, Leaf tiers, Mimosa Webworm Larvae, Plant Bugs and Whiteflies use fine mist spray about 18 to 24 inches from infested plants. Use caution on new growth and tender foliage. Repeat treatment as necessary. Avoid spraying plants when temperature exceeds 85° F. Spray when air is still. Avoid heavy wetting.

ADULT MOSQUITO CONTROL: Apply as a fine mist to thoroughly treat the entire area. For best result, treat when the wind velocity does not exceed 5 miles per hour. Treat shrubbery or vegetation where mosquitoes may rest (low marshy places, stagnant pools or ponds and shore lines). Apply at a rate of 2.5 pints per acre (0.1 ounce per 1000 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.

AS AN INSECT REPELLENT: (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.

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

Manufactured by
BONIDE PRODUCTS, INC., YORKVILLE, NY 13495

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