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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION 4-331	DATE OF ISSUANCE FEB 3 1986
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Bonide Dairy & Horse Fly Spray	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Bonide Chemical Company, Inc.
 2 Wurz Avenue
 Yorkville, NY 13495

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 4-331" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.


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.

Timothy A. Gardner
 Product Manager (17)
 Insecticide-Rodenticide Branch
 Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL 	DATE 2-3-86
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BONIDE

ACCEPTED
with COMMENTS
to EPA Letter Dated:

DAIRY & HORSE
FLY SPRAY

FEB 3 1986

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

4-331

KILLS AND REPELS

A Concentrated PYRENONE* Micro Emulsion
— Clear — Stable — Leave no oily or objectionable residues

Effective, Fast Acting Insecticide

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

EPA Est. No. 4-NY-1 EPA Reg. 10.4-

ACTIVE INGREDIENTS:

Pyrethrins 0.1%

*Piperonyl Butoxide, Technical 1.0%

INERT INGREDIENTS 98.9%

100%

*Equivalent to min. 0.8% (butylcarbonyl) (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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BONINE DAIRY & HORSE FLY SPRAY, EPA Reg. No. 4-**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 fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IRRITATED. 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.

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, litter, earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Pesticide, spray mixture or residue 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.

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.

ON PETS: 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.

INDOOR APPLICATION

~~This product is a food preservative and should not be applied to food products when the plant is not in use. Food should be covered with plastic or other suitable material. All food packaging surfaces should be covered with plastic or other suitable material.~~

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 cockroaches, palmto bugs, ants, silverfish, spiders, crickets, clover mites, 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 caddis. 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. 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 a rate of 1 gallon to 750 square feet of surface.

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 flea 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 to 5 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.

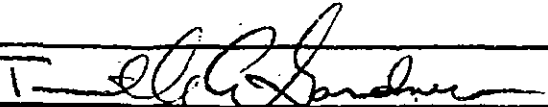
BONIDE DAIRY & HORSE FLY SPRAY, EPA Reg. No. 4-

OUTDOOR APPLICATION

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, 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 Rotonist[®] models 51C, 91 or 100 HT traveling at 5 m.p.h. to treat a 300 foot swath, calibrate equipment to deliver 0.9 gallon per minute.

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

BONIDE CHEMICAL CO., INC., YORKVILLE, NY 13495

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION 4-331	DATE OF ISSUANCE FEB 3 1986
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	TERM OF ISSUANCE	
NAME OF PESTICIDE PRODUCT Bonide Dairy & Horse Fly Spray		
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) <div style="text-align: center; margin-top: 20px;"> Bonide Chemical Company, Inc. 2 Wurz Avenue Yorkville, NY 13495 </div> <div style="position: absolute; top: 20px; right: 20px; font-size: 2em; font-family: cursive;"> 161 / 174,002 18 / 1 </div>		
NOTE: Changes in labeling formula 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 U.S. EPA registration number.		
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A stamped copy of the label is enclosed for your records.		
Timothy A. Gardner Product Manager (17) Insecticide-Rodenticide Branch Registration Division (TS-767C)		
Enclosures		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL 		DATE 2-3-86

BONIDE

ACCEPTED
with COMMENTS
to EPA Letter D-602

DAIRY & HORSE
FLY SPRAY

FEB 8 1986

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

4-331

KILLS AND REPELS

A Concentrated PYRENONE® Micro Emulsion
— Clear — Stable — Leave no oily or objectionable residues
Effective, Fast Acting Insecticide
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

EPA Est. No. 4-NY-1 EPA Reg. No. 4-

ACTIVE INGREDIENTS:

Pyrethrins	0.1%
*Piperonyl Butoxide, Technical	1.0%
INERT INGREDIENTS	98.9%
	100%

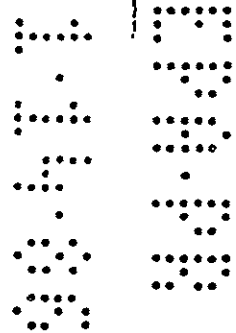
*Equivalent to min. 0.8% (butylcarbityl) (6-propylpiperonyl) ether and 0.2% related compounds.

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

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CAUTION**

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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. If not until vomit fluid 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, bog marshes or estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes.

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, filter'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, for reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

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.

ON PETS: Start spraying at the bath, moving the dispenser rapidly and making sure that the animal's entire body is covered including the legs and underbody. While spraying, buff the hair so that the spray will penetrate to the skin. Make sure spray gets thoroughly. Do not spray into eyes or face. Avoid contact with genitalia. Repeat as necessary.

INDOOR APPLICATION

~~Do not use this product in food processing establishments or on foodstuffs. Do not use on plants or in areas where plants are raised. Do not use on food processing surfaces. All food processing surfaces should be covered with plastic.~~

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 cockroaches, palmetto bugs, ants, silverfish, spiders, crickets, clover mites, 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 cadellies. 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. 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 a rate of 1 gallon to 750 square feet of surface.

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.

To control baseboards, mouldings 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, mouldings, window and door frames, and entire areas of floor and front 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 2.5 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.

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

OUTDOOR APPLICATION

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, stagnant pools or ponds and shore lines). Apply at a rate of 2.5 p-als per acre (0.1 ounce per 1000 square feet). Using TREE-mounted conventional misting equipment such as Rotomist® models SIC 91 or 100 HT traveling at 5 m.p.h. to treat a 300 foot swath, calibrate equipment to deliver 0.9 gallon per minute.

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

BONIDE CHEMICAL CO., INC., YORKVILLE, NY 13495

