

4-331 04-25-2012 1/22

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

APR 25 2012

Rebecca Horton
Consultant for Bonide Products Inc.
PO Box 1019
Salem, VA 24153

Subject: Amended Reregistration Label
Product Name: Bonide Dairy and horse Fly Spray
EPA Registration Number: 4-331
EPA Decision Numbers: 412152 and 411165

Dear Ms. Horton:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the pyrethrins and piperonyl butoxide (PBO) REDs, and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

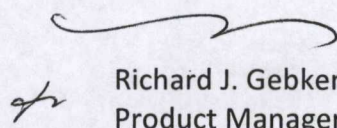
- Basic CSF, dated 9/25/09

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever

occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Dr. Jennifer Urbanski at 703-347-0156 or urbanski.jennifer@epa.gov.

Sincerely,



Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

*Enclosures: Label stamped "Accepted,"
Acute Toxicity Review, dated 3/22/10
Product Chemistry Reviews, dated 5/12/11*

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[Master Label]



DAIRY & HORSE FLY SPRAY

[Additional Brand Name: Pony, Horse & Pet Spray]

Optional Marketing Statements:

H₂O Water Based
Kills and Repels Listed Insects
A PYRENONE[®] Micro-Emulsion – Clear – Stable
Leaves no oily or objectionable residues
Effective, Fast Acting Insecticide
For Use in Homes, Institutions, Restaurants, Dairies, and on Livestock
For Control of Fleas and Brown Dog Ticks on Premises and on Pets
Apply with Conventional Mechanical or Compressed Air Equipment

ACCEPTED

APR 25 2012

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

EPA. Reg. No: 4-331

ACTIVE INGREDIENTS:

Pyrethrins (CAS #8003-34-7)..... 0.1%
*Piperonyl Butoxide (CAS #51-03-6) 1.0%

OTHER INGREDIENTS:..... 98.9%

TOTAL..... 100.0%

*(butylcarbityl)(6-propylpiperonyl) ether and related compounds.

PYRENONE[®] – Registered Trademark of Bayer AG.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back/side/other panel(s) for additional Precautionary Statements and First Aid.

DO NOT TRANSPORT OR STORE UNDER 32°F.

NET CONTENTS: _____

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes or clothing.

Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

Personal Protective Equipment (PPE):

Mixers, loaders, applicators, and other handlers must wear the following:

- long-sleeve shirt,
- long pants,
- shoes and socks.

In addition to the above PPE, applicators using a high pressure handwand in an enclosed area must wear at least a NIOSH-approved respirator with:

- a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or
- any N, R, P, or HE filter.

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C), or
- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- a cartridge or canister with any N, R, P or HE filter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product. Do not reuse them.

User Safety Recommendations:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

[When packaged for residential consumer use:

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.]

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: Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

Pesticide Disposal: *If partly filled* – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Container Disposal: [For Containers ≤ 5 Gal] Non refillable container. Do not reuse or refill

this container. Triple rinse all containers prior to disposal and then offer for recycling, if available, or puncture and dispose of in an approved manner, or dispose by incineration if allowed by local and state authorities. If disposal is by incineration, stay out of smoke. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Container Disposal: [For Containers > 5 Gal] Nonrefillable container. Do not reuse or refill this container. Triple rinse all containers prior to disposal and then offer for recycling, if available, or puncture and dispose of in an approved manner, or dispose by incineration if allowed by local and state authorities. If disposal is by incineration, stay out of smoke. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

[When packaged for residential consumer use:

STORAGE AND DISPOSAL

Pesticide Storage: Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

Pesticide Disposal: *If partly filled* – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Container Disposal: *If empty* – Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.]

USE RESTRICTIONS

Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated. Except when applying directly to livestock or pets, do not enter or allow others to enter until sprays have dried. Except when applying directly to livestock or pets, do not apply this product in a way that will contact workers or other persons, either directly or through drift. Except when applying directly to livestock or pets, only protected handlers may be in the area during application. Remove pets, birds and cover fish aquaria before space spraying or surface applications. Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed. Do not wet articles to point of runoff or drip. Do not use treated article until spray has dried. Dry clean treated clothes before wearing. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before reuse. Do not make space spray applications when facility is in operation. Prior to space spray applications, cover or remove food. Prior to space spray applications, cover food processing surfaces or clean after treatment and before use. When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking. Do not apply directly into sewers or drains, or to any area

like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Do not make applications during rain. Do not wet plants to point of runoff or drip. Do not water the treated area to the point of run-off. Not for use in outdoor residential misting systems. Do not use in aircraft cabins.

For Indoor Application by Metered Release Devices:

Not for use in residential areas. Do not use in nurseries or rooms where infants, ill or aged persons are confined. Do not place metering device directly over or within 8 feet of exposed food, dishes, utensils, food processing equipment and food handling or preparation. Do not install within 3 feet of air vents. Carefully follow directions for the dispenser unit when installing the dispenser and replacing cans or conducting maintenance. The maximum application rate for metered release devices is 7 fl. oz. Dairy & Horse Fly Spray per 1000 cubic feet [0.00046 lb pyrethrin per 1000 cubic feet]

Indoor Misting Systems Used in Commercial Barns, Stables and Animal Quarters:

Do not apply when food, feed and/or water is present. When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribe(s) or local authority(ies) where they are installed. When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present. Direct nozzles to spray towards the target area and away from areas where people are typically present. Do not use in an evaporative cooling system. Do not use in misters located within 3 feet of air vents, air conditioner units or windows. If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: this container holds ____ parts Dairy and Horse Fly Spray to ____ parts water. If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve. This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 1.75 fl. oz. of Dairy & Horse Fly Spray per 1000 cubic feet per day.

[When packaged for residential consumer use:

USE RESTRICTIONS

Do not apply this product in a way that will contact children, either directly or through drift. Except when applying directly to livestock, cats and dogs, do not allow adults or pets to enter until sprays have dried. Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed. Do not allow adults, children or pets to enter until vapors, mists and aerosols have dispersed, and the treated area has been thoroughly ventilated. Do not wet articles to point of runoff or drip. Do not use treated article until spray has dried. Dry clean treated clothes before wearing. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before reuse. Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Do not make applications during rain. Do not wet plants to point of runoff or drip. Do not water the treated area to the point of run-off. Not for use in outdoor residential misting systems.]

SHAKE WELL BEFORE USE

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 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. Do not exceed 86 fl. oz. per 1,000 square feet [1 quart per 375 square feet] of surface. 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. Do not exceed 86 fl. oz. per 1,000 square feet [1 quart per 375 square feet] of surface.

READ ENTIRE LABEL BEFORE EACH USE. USE ONLY ON DOGS & CATS. Do not repeat treatment for 7 days. Do not use on puppies or kittens under 12 weeks old. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing or medicated animals.

ON 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.

In case of Emergency, call **1-800-548-2423 (Animal Poison Control Center)**.

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. Do not exceed 86 fl. oz. per 1,000 square feet [1 quart per 375 square feet] of surface. Place fresh bedding in animal quarters following treatment. Concurrent treatment of animals is recommended. Do not apply more than 1 time per day.

INDOOR APPLICATION:

SURFACE SPRAYING. Do not exceed 86 fl. oz. per 1,000 square feet [1 quart per 375 square feet] of surface. Do not apply more than 1 time per day.

To Control Crawling Insects: Cockroaches, Palmetto Bugs, Ants, Silverfish, Spiders, Crickets, Clover mites, Cheese Mites, Earwigs, Sowbugs, Boxelder Bugs, Centipedes, Grainary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Sawtoothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Mealworms, 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.

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, mouldings, window and door frames, and entire areas of floor and floor covering. Place fresh bedding 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 – 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 (1 qt. to 5,000 to 10,000 cubic feet) of space. Contact insects directly whenever possible.

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, Leafhoppers, Leaf tiers, Mimosa Webworm Larvae, Plant Bugs and Whiteflies use fine mist spray about 18 to 24 inches

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from infested plants. Use caution on new growth and tender foliage. Do not apply more than 1 time per day. Avoid spraying plants when temperature exceeds 85°F. Spray when air is still.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

To the extent consistent with applicable law, 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.
6301 Sutliff Road
Oriskany, NY 13424

[lot number inserted at production]
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[VERSION A: COMMERCIAL]



DAIRY & HORSE FLY SPRAY

[Additional Brand Name: Pony, Horse & Pet Spray]

Optional Marketing Statements:

H₂O Water Based

Kills and Repels Listed Insects

A PYRENONE[®] Micro-Emulsion – Clear – Stable

Leaves no oily or objectionable residues

Effective, Fast Acting Insecticide

For Use in Homes, Institutions, Restaurants, Dairies, and on Livestock

For Control of Fleas and Brown Dog Ticks on Premises and on Pets

Apply with Conventional Mechanical or Compressed Air Equipment

ACTIVE INGREDIENTS:

Pyrethrins (CAS #8003-34-7)..... 0.1%

*Piperonyl Butoxide (CAS #51-03-6) 1.0%

OTHER INGREDIENTS:..... 98.9%

TOTAL..... 100.0%

*(butylcarbityl)(6-propylpiperonyl) ether and related compounds.

PYRENONE[®] – Registered Trademark of Bayer A.G.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back/side/other panel(s) for additional Precautionary Statements and First Aid.

DO NOT TRANSPORT OR STORE UNDER 32°F.

NET CONTENTS: _____

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes or clothing.

Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

Personal Protective Equipment (PPE):

Mixers, loaders, applicators, and other handlers must wear the following:

- long-sleeve shirt,
- long pants,
- shoes and socks.

In addition to the above PPE, applicators using a high pressure handwand in an enclosed area must wear at least a NIOSH-approved respirator with:

- a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or
- any N, R, P, or HE filter.

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C), or
- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- a cartridge or canister with any N, R, P or HE filter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product. Do not reuse them.

User Safety Recommendations:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through run off. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

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: Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

Pesticide Disposal: *If partly filled* – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Container Disposal: [For Containers ≤ 5 Gal] Non refillable container. Do not reuse or refill this container. Triple rinse all containers prior to disposal and then offer for recycling, if available, or puncture and dispose of in an approved manner, or dispose by incineration if allowed by local and state authorities. If disposal is by incineration, stay out of smoke. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Container Disposal: [For Containers > 5 Gal] Nonrefillable container. Do not reuse or refill this container. Triple rinse all containers prior to disposal and then offer for recycling, if available, or puncture and dispose of in an approved manner, or dispose by incineration if allowed by local and state authorities. If disposal is by incineration, stay out of smoke. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

USE RESTRICTIONS

Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated. Except when applying directly to livestock or pets, do not enter or allow others to enter until sprays have dried. Except when applying directly to livestock or pets, do not apply this product in a way that will contact workers or other persons, either directly or through drift. Except when applying directly to livestock or pets, only protected handlers may be in the area during application. Remove pets, birds and cover fish aquaria before space spraying or surface applications. Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed. Do not wet articles to point of runoff or drip. Do not use treated article until spray has dried. Dry clean treated clothes before wearing. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before reuse. Do not make space spray applications when facility is in operation. Prior to space spray applications, cover or remove food. Prior to space spray applications, cover food processing surfaces or clean after treatment and before use. When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking. Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Do not make applications during rain. Do not wet plants to point of runoff or drip. Do not water the treated area to the point of run-off. Not for use in outdoor residential misting systems. Do not use in aircraft cabins.

For Indoor Application by Metered Release Devices:

Not for use in residential areas. Do not use in nurseries or rooms where infants, ill or aged persons are confined. Do not place metering device directly over or within 8 feet of exposed food, dishes, utensils, food processing equipment and food handling or preparation. Do not install within 3 feet of air vents. Carefully follow directions for the dispenser unit when installing the dispenser and replacing cans or conducting maintenance. The maximum application rate for metered release devices is 7 fl. oz. Dairy & Horse Fly Spray per 1000 cubic feet [0.00046 lb pyrethrin per 1000 cubic feet]

Indoor Misting Systems Used in Commercial Barns, Stables and Animal Quarters:

Do not apply when food, feed and/or water is present. When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribe(s) or local authority(ies) where they are installed. When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present. Direct nozzles to spray towards the target area and away from areas where people are typically present. Do not use in an evaporative cooling system. Do not use in misters located within 3 feet of air vents, air conditioner units or windows. If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: this container holds ___ parts Dairy and Horse Fly Spray to ___ parts water. If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a

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weather protected area or plastic sleeve. This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 1.75 fl. oz. of Dairy & Horse Fly Spray per 1000 cubic feet per day.

SHAKE WELL BEFORE USE

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 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. Do not exceed 86 fl. oz. per 1,000 square feet [1 quart per 375 square feet] of surface. 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. Do not exceed 86 fl. oz. per 1,000 square feet [1 quart per 375 square feet] of surface.

READ ENTIRE LABEL BEFORE EACH USE. USE ONLY ON DOGS & CATS. Do not repeat treatment for 7 days. Do not use on puppies or kittens under 12 weeks old. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing or medicated animals.

ON 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.

In case of Emergency, call **1-800-548-2423 (Animal Poison Control Center)**.

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. Do not exceed 86 fl. oz. per 1,000 square feet [1 quart per 375 square feet] of surface. Place fresh bedding in animal quarters following treatment. Concurrent treatment of animals is recommended. Repeat treatment as needed. Do not apply more than 1 time per day.

INDOOR APPLICATION:

SURFACE SPRAYING. Do not exceed 86 fl. oz. per 1,000 square feet [1 quart per 375 square feet] of surface. Do not apply more than 1 time per day.

To Control Crawling Insects: Cockroaches, Palmetto Bugs, Ants, Silverfish, Spiders, Crickets, Clover mites, Cheese Mites, Earwigs, Sowbugs, Boxelder Bugs, Centipedes, Grainary Weevils,

Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Sawtoothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Mealworms, 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.

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, mouldings, window and door frames, and entire areas of floor and floor covering. Place fresh bedding 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 – 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 (1 qt. to 5,000 to 10,000 cubic feet) of space. Contact insects directly whenever possible.

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.

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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, Leafhoppers, 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. Do not apply more than 1 time per day. Avoid spraying plants when temperature exceeds 85°F. Spray when air is still.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

To the extent consistent with applicable law, 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.
6301 Sutliff Road
Oriskany, NY 13424

[lot number inserted at production]
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[VERSION B: RESIDENTIAL CONSUMER]



DAIRY & HORSE FLY SPRAY

[Additional Brand Name: Pony, Horse & Pet Spray]

Optional Marketing Statements:

H₂O Water Based

Kills and Repels Listed Insects

A PYRENONE[®] Micro-Emulsion – Clear – Stable

Leaves no oily or objectionable residues

Effective, Fast Acting Insecticide

For Use in Homes and on Dogs, Cats and Livestock

For Control of Fleas and Brown Dog Ticks on Premises and on Pets

Apply with Conventional Mechanical or Compressed Air Equipment

ACTIVE INGREDIENTS:

Pyrethrins (CAS #8003-34-7)..... 0.1%

*Piperonyl Butoxide (CAS #51-03-6)..... 1.0%

OTHER INGREDIENTS:..... 98.9%

TOTAL..... 100.0%

*(butylcarbityl)(6-propylpiperonyl) ether and related compounds.

PYRENONE[®] – Registered Trademark of Bayer AG.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back/side/other panel(s) for additional Precautionary Statements and First Aid.

DO NOT TRANSPORT OR STORE UNDER 32°F.

NET CONTENTS: _____

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FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

If Inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Pesticide Storage: Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

Pesticide Disposal: *If partly filled* – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Container Disposal: *If empty* – Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

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USE RESTRICTIONS

Do not apply this product in a way that will contact children, either directly or through drift. Except when applying directly to livestock, cats and dogs, do not allow adults or pets to enter until sprays have dried. Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed. Do not allow adults, children or pets to enter until vapors, mists and aerosols have dispersed, and the treated area has been thoroughly ventilated. Do not wet articles to point of runoff or drip. Do not use treated article until spray has dried. Dry clean treated clothes before wearing. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before reuse. Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Do not make applications during rain. Do not wet plants to point of runoff or drip. Do not water the treated area to the point of run-off. Not for use in outdoor residential misting systems.

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