

4-385

9/14/2012

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms Rebecca M Horton, Consultant
Bonide Products, Inc
6301 Sutliff Road
Oriskany, NY 13424

SEP 14 2012

**Subject Amended Reregistration Label for BONIDE Pyrethrin Concentrate 60-6
EPA Registration No EPA Reg No 4-385**

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 referenced product in connection with the **Piperonyl butoxide and Pyrethrins RED**, and has concluded that your submission is acceptable

PLEASE 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 Any previously dated CSFs are superseded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 [September 25, 2009]

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. If you have any questions about this letter, please contact BeWanda Alexander at (703) 305-7460 or via e-mail at alexander_alexander@epa.gov

Sincerely Yours,

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

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ACCEPTED
SEP 14 2012
Under the Federal Insecticide
Fungicide and Rodenticide Act
as amended for the pesticide
Registered under
EPA Reg No. 4-385



PYRETHRIN CONCENTRATE 60-6

Optional Marketing Statements

Multi purpose Insecticide
For Use on all Growing Crops Ornamentals Stored Products Livestock and Fruit Fly Control on Harvested Fruits and Vegetables
Used Along as a Clean up Spray or a Pre harvest Spray

ACTIVE INGREDIENTS

Pyrethrins (CAS #8003 34 7) 6 00%
*Piperonyl Butoxide (CAS #51 03 6) 60 00%

**INERT INGREDIENTS

34 00%

TOTAL

100 00%

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

**Contains petroleum distillate

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 Swallowed	Immediately call a poison control center or doctor Do not give any liquid to the person Do not induce vomiting unless told to do so by the poison control center or doctor Do not give anything by mouth to an unconscious person
If in Eyes	Hold eye open and rinse slowly and gently with water for 15 20 minutes Remove contact lenses if present after the first 5 minutes, then continue rinsing eye Call a poison control center or doctor for treatment advice
If on Skin or Clothing	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
If Inhaled	Move person to fresh air If person is not breathing call 911 or an ambulance then give artificial respiration preferably by mouth to mouth if possible Call a poison control center or doctor for further treatment advice
NOTE TO PHYSICIAN Contains petroleum distillate – vomiting may cause aspiration pneumonia	

NET CONTENTS _____

READ ENTIRE LABEL BEFORE EACH USE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION Harmful if inhaled or absorbed through the skin Causes moderate eye irritation 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 Remove and wash contaminated clothing before reuse

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers loaders applicators and other handlers must wear the following

- long sleeve shirt
- long pants
- shoes and socks
- chemical resistant gloves made of barrier laminate nitrile rubber neoprene rubber or viton

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 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 R P or HE filter

See engineering controls for additional requirements

USER SAFETY REQUIREMENTS

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 s concentrate Do not reuse them

ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170 240(d)(6)]

Human flagging is prohibited Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers

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

PHYSICAL OR CHEMICAL HAZARDS

Combustible 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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated, such as soil or water, is:

- Coveralls
- Shoes plus socks, and
- Chemical resistant gloves made of any waterproof material.

NON AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Except when applying to livestock, dogs, or cats, do not enter or allow others to enter until sprays have dried. When applied as a space spray or fog, do not enter or allow others to enter until vapors, mists, and aerosols have dispersed and the treated area has been thoroughly ventilated.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users 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.

USE RESTRICTIONS

Except when applying to livestock, dogs, or cats, do not apply this product in a way that will contact workers or other persons, either directly or through drift. Except when applying to livestock, dogs, or cats, only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

All outdoor applications must be limited to spot or crack and crevice treatments only, except for the following permitted uses: treatment to soil or vegetation around structures; applications to lawns, turf, and other vegetation; applications to building foundations up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches, and structures surfaces (including windows, doors, and eaves) are limited to spot and crack and crevice applications only. 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 runoff. 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. Not for use in outdoor residential misting systems.

Do not apply space spray while food/feed processing is underway. Cover or remove all food/feed processing surfaces. Thoroughly wash all food/feed processing surfaces before reuse. After spraying in bakeries, meat packing plants, food/feed processing plants, etc., all benches, shelving equipment, etc., where exposed food/feed will be handled must be washed with an effective cleaning compound followed by a potable water rinse to remove all traces of contamination. Food/feed processing operations do not have to be stopped while applying a wet spray with care.

and in accordance with the directions and cautions above in those establishments which do NOT operate under Federal meat poultry shell egg grading and egg products inspection programs

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

Remove pets birds and cover fish aquariums before spraying 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 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

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

SPRAY DRIFT MANAGEMENT FOR AGRICULTURAL CROPS

Avoiding spray drift at the application site is the responsibility of the applicator and the grower The interactions of many equipment and weather related factors determine the potential for spray drift The applicator and the grower are responsible for considering all these factors when making decisions

Do not apply at wind speeds greater than 10 mph at the application site

Do not make any type of application into temperature inversions

Apply as a medium or coarser spray (ASABE standard 572)

Additional requirements for aerial applications

Do not release spray at a height greater than 10 feet above the ground or crop canopy
The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter
Aerial applicators must consider flight speed and nozzle orientation in determining droplet size
When applications are made with a cross wind the swath will be displaced downwind The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind

Additional requirements for ground applications

Do not release spray at a height greater than 4 feet above the ground or crop canopy

Additional requirements for airblast applications

Direct sprays into the canopy Turn off outward pointing nozzles at row ends and when spraying outer rows

USED ALONE This concentrate can be used also as a clean up or a pre harvest spray where other materials cannot be used because of residue restrictions Contains natural pyrethrins

Do not apply this product through any type of irrigation system

USED AS A TANK MIX WITH OTHER INSECTICIDES This product may be combined with other insecticides and acaricides where resistance may be a problem and to provide flushing of insects from hiding and into contact with other spray residues This application should conform to accepted use precautions and directions for both products

GROWING CROPS (OUTDOORS AND IN GREENHOUSES) Apply 2 to 16 ounces per acre Do not reapply within 3 days except under extreme pressure In case of extreme pressure, do not reapply within 24 hours Do not exceed 10 applications per season Use in sufficient water for thorough coverage of upper and lower leaf surfaces (maximum of 100 gallons of water per acre) unless otherwise noted This product may be applied by air in no less than 2 gallons of water per acre and by ground in no less than 10 gallons of water per acre It is recommended that the final spray mix to be buffered to a pH of 5.5-7.0

FOR CONTROL OF INSECTS Such as Ants Aphids Armyworms Asparagus Beetle Blister Beetles Cabbage Looper Caterpillars, Cockroaches 12 spotted Cucumber Beetle Colorado Potato Beetles Corn Earworm Crickets Cross striped Cabbageworm Cucumber Beetles Deer Fly Diamondback Larvae Fireworms Flea Beetles Fruit Flies Fruittree Leafroller Grape Leafhopper Green Peach Aphids Greenhouse Thrips Gypsy Moth (adults & larvae) Harlequin Bug Heliothis sp , Hornets Horn Fly Horse Fly House Fly Imported Cabbageworm Leafhopper Leafrollers Leaf tiers Lice Mexican Bean Beetle Mosquitoes Potato Leafhopper Psyllids Silverfish Skippers Stable Fly Stink Bugs Tabanids Thrips Vinegar Flies Wasps Webworms Whiteflies and Yellowjackets

ROOT AND TUBER VEGETABLES Including (but not limited to) Arracacha Arrowroot Purple Arrowroot Japanese Artichoke, Jerusalem Artichoke Beets Sugar Beets Edible Burdock Carrots, Cassava (bitter or sweet) Celeriac (celery root) Chervil (turnip rooted) Chicory Chuffa Dasheen Ginger, Ginseng Horseradish Leren Parsley (turnip rooted) Parsnip Potato Radish Japanese Radish (Daikon) Rutabaga, Salsify Black Salsify Spanish Salsify Sweet Potato Tanier Turmeric Turnip Yam (true) Yam Bean

LEAVES OF ROOT AND TUBER VEGETABLES Including (but not limited to) Beet Sugar Beet Edible Burdock Carrot Cassava (bitter or sweet) Celeriac (celery root) Chervil (turnip rooted) Chicory Dasheen Parsnip Radish Japanese Radish (Daikon) Rutabaga Black Salsify Sweet Potato Tanier Turnip Yam (true)

LEAFY VEGETABLES Including (but not limited to) Amaranth (Leafy Amaranth Chinese Spinach Tampala) Arrugula Celery Celtuce Chervil Cilantro Corn Salad Chrysanthemum (edible leaved) Chrysanthemum (gardland) Cress (garden) Upland Cress (yellow rocket winter cress) Dandelion Dock (sorrel) Endive (escarole) Fennel (Florence) Lettuce (head and leafy) Orach Parsley Purslane (garden & winter) Rhubarb Spinach, Fine Spinach (Malabar Ceylon) Spinach (New Zealand) Swiss Chard

BRASSICA (COLE) LEAFY VEGETABLES Including (but not limited to) Broccoli Chinese Broccoli (Gai Lan) Broccoli raab (Rapini) Brussels Sprouts Cabbage Chinese Cabbage (Bok Choy) Chinese Mustard Cabbage (Gai Choy) Cauliflower Collards Kale Kohlrabi Mustard Greens Rape Greens

LEGUME VEGETABLES (SUCCULENT OR DRIED) Including (but not limited to) Adzuki Beans, Field Beans Kidney Beans Lima Beans Moth Beans Mung Beans, Navy Beans Pinto Beans Rice Beans Runner Beans Snap Beans Tepary Beans Urd Beans Wax Beans Asparagus Beans Black eyed Peas Catjang Chinese Longbeans, Cowpeas Chowder Peas, Southern Peas Yard Longbeans Broad Beans (Fava Beans), Chick Peas (Garbanzo Beans) Guar Jackbean (Sword Bean) Lablab Bean (Hyacinth Bean) Lentils, Peas (Garden Peas Field Peas, Sugar Peas), Pigeon Peas Soybeans

FOLIAGE OF LEGUME VEGETABLES Including (but not limited to) Plant part of any legume vegetable included in the legume vegetable group that will be used as animal feed including any variety of Beans Field Peas Soybeans

FRUITING VEGETABLES Including (but not limited to) Eggplant Ground Cherry Okra Pepinos Pepper (Bell Pepper Chili Peppers Cooking Peppers Pimentos Sweet Peppers) Tomatillo Tomatoes

CUCURBIT VEGETABLES Including (but not limited to) Balsam Pear (Bitter Melon) Chinese Waxgourd Citron Melon Cucumber, Gherkin Edible Gourds Melons (including hybrids Cantaloupe Casaba Crenshaw Honeydew Melons Honey Balls, Mango Melon Muskmelon Persian Melon) Pumpkin Squash (summer & winter) Watermelon (including hybrids)

CITRUS FRUITS Including (but not limited to) Calamondin Citrus Citron Citrus Hybrids Grapefruit Kumquats Lemons Limes Mandarin (Tangerine) Orange (sweet & sour) Pummelo Satsuma Mandarin

POME FRUITS Including (but not limited to) Apple Crabapple Loquat Pear Oriental Pears Quince

STONE FRUITS Including (but not limited to) Apricot Cherry (sweet & sour) Nectarine Peach Plum Prune Chickasaw Plum Damson Plum, Japanese Plum

SMALL FRUITS AND BERRIES Including (but not limited to) Blackberry Blueberry Cranberry Currant Dewberry, Elderberry Gooseberry Grape Huckleberry Loganberry Olallie Berry Raspberry (black and red) Strawberry Youngberry

ORIENTAL VEGETABLES Including (but not limited to) Japanese Artichoke Chinese Broccoli (Gai Lan) Chinese Cabbage (Bok Choy) Chinese Mustard Cabbage (Gai Choy) Dasheen Ginger Ginseng Chinese Longbeans Mung Beans Citron Melon Balsam Pear (Bitter Melon) Japanese Radish (Daikon) Chinese Spinach Chinese Waxgourd

ADDITIONAL CROPS Such as Asparagus Onion (bulb and green) Rice

ORNAMENTALS Such as African Violet Aster Azalea Begonia Calceolaria, Calendula Calla Camellia Carnation Cineraria Chrysanthemum Cypress Daffodil Dahlia Dogwood Elm Eucalyptus Fern Ficus Geranium Gladiolus Gypsophila Holly Juniper Lily Marigold Oak Palm Peony Petunia Philodendron Pine Roses Snapdragon Sweet Pea Tulips, Viburnum Wandering Jew Yew Zinnia

FOR USE AROUND HOMES AND OTHER BUILDINGS In grassy undeveloped areas use this concentrate at 1 part to 59 parts water to control foraging fire ants Also spray grassy areas around yard borders liberally to control ticks that may carry lyme disease

FOR USE ON HARVESTED FRUITS AND VEGETABLES To control Drosophila spp and tephritid fruit flies dilute this concentrate at the rate of 1 part with 600 parts water (1 pint per 75 gallons or 1 tablespoonful with 2 gallons water) Thoroughly mix the emulsion in the spray tank and treat as follows

- 1) Apply liberally to fruits and vegetables in baskets on trucks and in plants Use sprayers at a high pressure for applying at the rate of five or six pints of diluted spray to a 2 ton load of produce Direct the spray for maximum coverage of the baskets or hampers It not only kills the flies but the emulsion loosens any dead flies so they are readily washed from the fruit
- 2) Spray the raw stock stacked in the yard
- 3) Dip baskets in the diluted spray after dumping the produce to kill adhering larvae and pupae

FOR USE IN CANNERIES The entire space inside of the cannery should be sprayed after washing and cleaning up and just before bringing produce into it with this product diluted 1 part to 29 parts of water (1 quart with 7 5 gallons water) up to 1 part to 11 parts of water (1 quart with 3 gallons water) Use 1 gallon of the spray per 750 square feet directing it on walls ceiling and floors paying special attention to forcing the spray into all cracks and crevices for the control of ants roaches silverfish, crickets, spiders and cheese mites This same solution used as a space spray will give excellent control of fruit flies house flies hornets grain moths gnats mosquitoes and skipper flies Use on ounce dilute spray per 1000 cubic feet of space Do not spray while the plant is in operation as dead flies may fall into containers or the products being processed

FOR USE IN FOOD AND NONFOOD AREAS OF FOOD/FEED PROCESSING PLANTS, INDUSTRIAL, INSTALLATION, BAKERIES, RICE AND WHEAT MILLS, RESTAURANTS, TOBACCO WAREHOUSE, GRAIN ELEVATORS AND WAREHOUSES To kill flying insects such as fruit flies, house flies hornets wasps grain moths gnats mosquitoes and skipper flies dilute this concentrate at the rate of 1 part with 29 parts water (1 quart with 7 5 gallons water) up to 1 part to 11 parts water (1 quart with 3 gallons water) Use at the rate of 1/2 to 1 ounce of dilute spray per 1000 cubic feet of space Direct the space treatment upward and whenever practical keep doors and windows closed for at least 10 minutes after application 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

Where oil residues are not undesirable this product can be diluted at the rate of 1 part to 29 parts up to 1 part to 22 parts in deodorized base oil instead of water and applied as a space spray with any good type applicator such as mechanical or ULV fogger capable of producing particles of aerosol size

FOR USE ON STORED PRODUCTS This concentrate can be used at the rate of 1 part to 29 parts (1 quart with 7.5 gallons of water) up to 1 part to 11 parts (1 quart with 3 gallons of water) water or deodorized base oil can be safely used on rice grain nuts, dried fruit beans almond nutmeat and shells walnut nutmeat and shells pistachio dried prunes dried apricots raisins figs wheat oats corn barley rye tobacco and peanuts held in storage for control of the accessible stages Almond Moths Angoumois Grain Moths Cadelle Beetles Cigarette Beetle Confused Flour Beetles Flat Grain Beetles Granary Weevils Indian Meal Moths Red Flour Beetles Rice Weevils Rusty Grain Beetles Sawtoothed Grain Beetles Square Necked Grain Beetles and Tobacco Moths Use at the rate of ¼ ounce of dilute spray per 1000 cubic feet

FOR USE ON SWEET POTATOES IN STORAGE For control of fruit flies (*Drosophila* sp.) dilute this concentrate at 1 part to 19 parts water (1 quart with 5 gallons of water) Apply as a space fog with a mechanical fogger capable of producing particles of aerosol size at the rate of 1 gallon diluted spray per 100 000 cubic feet of space

FOR USE IN STORAGE SITES This concentrate can be used in warehouse bins and trucks cargo ships mills bin hoppers, elevators and conveying equipment as a clean up prior to using them for storage In mills and elevators all grain infested accumulations should be removed from the bin hoppers All storage areas and conveying equipment should be thoroughly cleaned by sweeping out the waste grain cobwebs and other debris from the walls and rafters as well as on the floor and door frames with special attention to material lodged in the cracks and crevices All of the debris should be removed and burned to kill eggs and insects that might be present

For farms particular attention should be given to cleaning up around the used feed and grain bags grain residues from wagons harvesting equipment and feed troughs Newly harvested grain should not be placed in the same bin with carry over grain and all carry over grain stocks that are not treated with grain protectant should be fumigated These cleaning operations should be done within two or three weeks before harvest

After above sanitation measures have been employed spray all areas prior to use for storage with 1 part to 29 parts water (1 quart with 7.5 gallons water) up to 1 part to 11 parts (1 quart with 3 gallons water) Apply at the rate of one gallon per 750 square feet on walls floors ceilings and partition boards of bins paying particular attention to forcing the spray into all cracks and crevices

FOR USE AS A GRAIN PROTECTANT This concentrate when diluted with water and sprayed directly on grains will effectively protect the grain against grain storage insects for a full season or approximately 8 months Dilute at the rate of 1 part to 29 parts water (1 quart with 7.5 gallons water) Thoroughly mix the emulsion and apply at the rate of 4 to 5 gallons per 1000 bushels of grain as it is carried along a belt or as it enters the auger or elevator This concentrate may be used in combination with a registered fumigant for use on heavily infested stored products

Monthly inspection should be made If the top 2 or 3 inches are found to be infested re treat applying at the rate of 1 to 2 gallons of diluted material per 1000 bushels of stored product

FOR USE ON LIVESTOCK

- 1) To kill and repel horn flies house flies mosquitoes and gnats dilute at the rate of 1 to 2 fluid ounces per gallon of water and apply to wet the hair thoroughly with particular attention to topline underline flanks withers and other infested areas Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers
- 2) To kill and repel stable flies horse flies and deer flies dilute at the rate of 2 to 3 fluid ounces per gallon of water and apply at a quart per adult animal to wet the hair thoroughly with particular attention to the legs flanks barrel topline and other body areas commonly attacked by these flies Repeat treatment each week as needed
- 3) For effective control of biting and sucking lice on cattle horses sheep goats and hogs dilute at the rate of 1 quart with 75 gallons of water (1 fluid ounce with 2 gallons) and spray to thoroughly wet the hair of the animal including the head and brush of the tail Repeat treatment in 10 days to kill newly hatched lice

- 4) To control poultry lice using a dilution of 2 to 3 ounces of concentrate per gallon of water spray roosts walls and nests or cages thoroughly This should be followed by spraying over the birds with a fine mist
- 5) For control of bedbugs and mites on poultry and in poultry houses dilute at the rate of 2 to 3 fluid ounces per gallon of water and spray crevices of roost poles cracks in walls and cracks in nests where the bedbugs and mites hide This should be followed by spraying over the birds with a fine mist
- 6) To control sheep tick or ked dilute at the rate of 1 to 2 fluid ounces per 4 gallons of water and thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool Treat at a rate sufficient to wet the animal
- 7) To kill fleas and ticks on livestock, and to obtain protection against reinfestation dilute at the rate of 2 fluid ounces per gallon water and wet the animal by dipping or spraying

FOR USE IN BARN, DAIRIES, MILKING PARLORS, MILKING ROOMS AND POULTRY HOUSES To control flies gnats and mosquitoes dilute at the rate of 2 fluid ounces per gallon of water Apply as a fog or fine mist (at approximately 2 ounces per 1000 cubic feet of space) directing the spray toward the ceiling and upper corners and not directly towards the animals or birds Do not remain in treated area Exit area immediately and remain outside the treated area until aerosols vapors and/or mists have dispersed For best results close doors and windows before spraying and keep them closed for 10 to 15 minutes Repeat application as necessary

FOR INDOOR MISTING SYSTEMS IN COMMERCIAL BARN, STABLES AND ANIMAL QUARTERS Not for use in residential misting systems (indoor or outdoor) Do not apply when food feed and/or water is present When using this product installer and service technicians must comply with the license certification or 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 not present Direct nozzles to spray towards the target area and away from areas where people are 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 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 Bonide Pyrethrin Concentrate 60 6 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 2 fluid ounces per gallon of water

Outdoor Metered Release Devices If the device works on automatic timer, set the timing for application when people pets and/or food are unlikely to be present If the device works when a person operates a remote activation device then application of this pesticide when people pets and food are present is prohibited Direct nozzle to spray towards the target area and away from areas where people are present The pesticide container must be locked Do not install within 3 feet of air vents, air conditioner units or windows Carefully follow directions for the dispenser units when installing the dispenser and replacing cans or conducting maintenance

FOR USE ON PETS USE ONLY ON DOGS & CATS To kill fleas and ticks on pets and to obtain protection against reinfestation dilute at the rate of 2 fluid ounces per gallon of water and wet the animal by dipping or spraying Do not repeat treatment for 7 days Do not use on puppies or kittens under 12 weeks Consult a veterinarian before using this product on debilitated aged, pregnant nursing or medicated animals For best results the kennels and/or animal quarters and bedding should be treated In case of Emergency call 1 800 548 2423 (Animal Poison Control Center)

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STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

STORAGE Store in a cool dry place Keep container closed

PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility

CONTAINER DISPOSAL (<= 5 GAL) Nonrefillable container Do not reuse or refill this container Offer for recycling if available Triple rinse container (or equivalent) promptly after emptying 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 (> 5 GAL) Nonrefillable container Do not reuse or refill this container Offer for recycling if available Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Fill the container ¼ full with water Replace 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

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

Manufactured by

Bonide Products Inc
6301 Sutliff Road
Oriskany, NY 13424

[Lot number added at production]
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