

655-797

05-04-2012

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 4, 2012

Ms. Sharon M. Johnston
Regulatory Consultant for Prentiss Incorporated
c/o RegGuide Pesticide Regulatory Services
509 Tower Valley Drive
Hillsboro, MO 63050-1216

Subject: Amended Reregistration Label
Product Name: Prentox® Pyronyl™ 303 Emulsifiable Concentrate
EPA Registration Number: 655-797
EPA Decision Number(s): D411076 & D411745
Your E-Submission Dated May 3, 2012

Dear Ms. Johnston:

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 **REDs for Pyrethrins and Piperonyl Butoxide**, 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 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 Any previously dated CSFs are superseded.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 August 23, 2010
- Alternate CSF #1, dated August 23, 2010

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 section 6(e) of FIFRA.

If you have any questions about this letter, please contact Mr. Carmen J. Rodia, Jr. at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov or Mr. Richard J. Gebken at (703) 305-6701 or via e-mail at Gebken.Richard@epa.gov during the hours of 9:00 A.M. to 5:30 P.M. EST.

Sincerely Yours,

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

Enclosures: *Label stamped "Accepted"*
Acute toxicity review, dated November 10, 2010
Product chemistry review, dated May 31, 2011

000655-00797 D411076 & D411745

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**RESTRICTED USE PESTICIDE
DUE TO PRIMARY EYE TOXICITY**

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.



PYRONYL™ 303 EMULSIFIABLE CONCENTRATE

ACCEPTED
May 4, 2012
**Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:**

ACTIVE INGREDIENTS:

Pyrethrins.....3.00%
Piperonyl Butoxide*.....30.00%

OTHER INGREDIENTS:**.....67.00%
TOTAL 100.00%

*(butylcarbonyl)(6-propylpiperonyl) ether and related compounds.
**Contains Petroleum Distillates

EPA. Reg. No: 655-797

PRENTOX® - Registered Trademark of Prentiss Incorporated
PYRONYL™ - Trademark of Prentiss Incorporated

**KEEP OUT OF REACH OF CHILDREN
WARNING – AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID

If in eyes	<ul style="list-style-type: none"> • 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 swallowed	<ul style="list-style-type: none"> • Immediately call a Poison Control Center or doctor. • Do not induce vomiting unless told to do so by the Poison Control Center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
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.
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 treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call the National Pesticide Information Center at 1-800-858-7378, seven days a week, 9:30 a.m. To 7:30 p.m. EST. At other times, call the poison control center at 1-800-222-1222.

NOTE TO PHYSICIAN: Contains petroleum distillate – vomiting may cause aspiration pneumonia.

SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE

EPA Reg. NO. 655-797

EPA Est. NO.

NET CONTENTS _____

LOT # _____

Manufactured by:

PRENTISS, LLC
501 Cascade Pointe Lane, Suite 103
Cary, NC 27513

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

WARNING: Contains Petroleum Distillate. Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment (PPE):

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

- Long-sleeved shirt and long pants,
- Chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber (selection category E),
- Protective eye wear (goggles, face shield, safety glasses), and
- Shoes and socks.

In addition to the above PPE, applicators using a high pressure hand wand 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
- a cartridge or canister with 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 with 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.

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.

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.

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)(5)].

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

ENVIRONMENTAL HAZARDS

For Terrestrial Applications: 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.

Except as specified in the directions for use, 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-water or rinsate.

For Wide Area Mosquito Adulticide Applications: This pesticide is toxic to aquatic organisms, including fish and invertebrates. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates.

When applying as a wide area mosquito adulticide, before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply when bees are visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal, or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

When applying as a wide area mosquito adulticide, do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body.

{For containers equal to or greater than 5 gallons} Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE Restricted Use Pesticide

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

USE RESTRICTIONS:

- 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 use.
- When used in food/feed handling facilities: Do not make space spray applications while facility is in operation. Prior to space spray applications, cover or remove food and cover food processing surfaces or clean after treatment and before use.
- If used in edible product areas of federally inspected meat, poultry, shell egg grading, and egg product establishments, this product must be dispersed as an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns).
- Except when applying to animals (pets/livestock), through outdoor residential misting systems or as a mosquito adulticide, do not enter or allow others to enter until sprays have dried or until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
- Except when applying to animals (pets/livestock), through outdoor residential misting systems or as a mosquito adulticide, do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Except when applying to animals (pets/livestock), through outdoor residential misting systems or as a mosquito adulticide, only protected handlers may be in the area during application.
- After space spraying, do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- Remove pets and birds, and cover fish aquariums before spraying.
- 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 make applications during rain.
- Do not water the treated area to the point of run-off.
- For pet use: Do not apply to dogs less than 12 weeks old. Consult a veterinarian before using this product on medicated, debilitated, aged, pregnant or nursing animals. 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.
- For use on animals: Do not apply more than 1 time per day.
- Do not wet plants to the point of run-off or drip.
- Not for use on ornamental plants, fruits or vegetables being grown for sale or other commercial use or for commercial seed product or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks or on golf courses or lawns and grounds.
- Do not use in aircraft cabins.
- 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.

To prepare dilutions the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. This will produce a stable micro-emulsion.

INDOOR APPLICATION

To kill exposed stages of houseflies, fruit flies, mosquitoes, gnats, and small flying moths, dilute 1 part concentrate in 59 parts water (2:1 ounces per gallon). Close doors and windows and shut off ventilating systems. Apply as a fog or fine mist, directing the spray toward the upper portions of the room and toward windows and other light sources which attract these insects. Thoroughly fill the area with mist using 1 to 2 ounces per 1000 cubic feet. Keep area closed for 10 minutes or more. For initial clean out of infestations of cockroaches, ants, spiders, silverfish, crickets, boxelder bugs, scorpions, and clover mites: Dilute 1 part concentrate in 14 parts water (8.5 fluid ounces per gallon). Apply as a coarse droplet surface spray using approximately 1 gallon to 750 square feet. Spray thoroughly all surfaces where these insects are usually found including walls, baseboards, moldings, doors, cabinets, shelves, sinks and pipes, with special attention to cracks and crevices, niches, dark corners, drains and similar hiding places. Treat ant trails, nests and runs. When possible, spray insects directly. Repeat treatment using a maximum dilution rate of 1 part concentrate in 29 parts water (4.3 fluid ounces per gallon) at a rate of 1 gallon per 750 sq. ft. after an interval of one month or when re-infestation occurs.

IN MILLS, ELEVATORS AND GRANARIES: For rapid initial kill of exposed or accessible stages of granary weevil, rice weevil, confused flour beetles, rust red flour beetle, cadelle, sawtoothed grain beetle, cheese mites and grain mites. Dilute at a rate of 1 part concentrate to 29 parts water (4.3 fluid ounces per gallon). Clean out any waste grain, dust, dirt or debris and destroy before spraying. Apply as a coarse droplet spray using approximately 1 gallon to 750 square feet of surface.

Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this use.

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In mills, elevators, and granaries, thoroughly spray floors, walls and other surfaces of bins, storage and handling areas with particular attention to cracks, crevices, and similar protected locations. Treat unloading, handling and processing areas, and apply the insecticide to conveying, processing and handling equipment such as the inside of reel conveyors, purifier conveyors, sifters, roll housings and hoppers, pick up conveyors, etc. Spray thoroughly around the base of heavy machinery and equipment.

Thoroughly treat walls, floors, shelves and other exposed surfaces, and lightly spray each layer of cartons or containers as stacked. Sack surfaces of bagged grain can be sprayed lightly until slightly moist. For protection in transit, treat truck beds, boxcars, and ships' holds before loading.

Using a dilution of 1 part concentrate in 29 parts water (4.3 fluid ounces per gallon), apply at a rate of 1 gallon to 750 square feet of surface with particular attention to cracks, crevices, and similar hiding places.

To kill exposed accessible stages of Indian meal moth and Angoumois grain moth in stored grain: Dilute 1 part of concentrate in 14 parts of water (8.6 fluid ounces per gallon) and apply to the surface of the binned grain at a rate of 2 gallons per 1000 square feet (1.6 pints per 100 square feet). Apply at monthly intervals beginning with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.

IN FOOD PROCESSING PLANTS:

Dilute at a rate of 1 part concentrate to 29 parts water (4.3 fluid ounces per gallon).

For use in horse barns, dairy and hog barns, kennels and other farm structures or buildings housing animals or poultry.

Do not treat dairy or meat producing animals or their housing areas with other fly control measures containing pyrethrins and/or piperonyl butoxide in conjunction with the use of this product to avoid exceeding established tolerances for these actives.

FOR USE WITH HAND HELD MECHANICAL FOGGERS

To Kill Houseflies, Horn Flies, Stable Flies, Horse Flies, Mosquitoes and Gnats: Dilute with water as below to give 0.10% concentration and apply as a fine mist or fog. Direct spray toward ceiling and upper corners of the room until the area is filled with mist, using about two (2) ounces per 1,000 cubic feet of space.

FOR USE THROUGH AUTOMATIC SPRAYING SYSTEMS

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 recharging with pesticide or conducting maintenance. Do not apply more than 1 time per day. Do not apply more than 0.0033 lbs pyrethrins per application. This is equivalent to 10 oz of 0.5% pyrethrins per 1000 cu. ft.

To Kill Houseflies, Horn Flies, Stable Flies, Horse Flies, Mosquitoes and Gnats: Add concentrate to tank and add water to obtain desired dilution. Agitate well while adding water. Dispense diluted concentrate through automatic spraying system. Set nozzles to deliver one (1) ounce liquid per minute. Locate nozzles to cover a maximum of 2,000 cubic feet of space per nozzle. Set timer to operate in accordance with equipment directions. Dilute **Pyronyl 303 Emulsifiable Concentrate** just prior to use as follows:

- 0.05% Pyrethrins - Add 1 part Concentrate to 59 parts water
- 0.10% Pyrethrins - Add 1 part Concentrate to 29 parts water
- 0.50% Pyrethrins - Add 1 part Concentrate to 5 parts water

In Animal Premise Automatic Misting Systems:

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 time, 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 Prentox Pyronyl 303 Emulsifiable Concentrate 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 0.000476 lbs pyrethrins and 0.008 lbs piperonyl butoxide per 1000 cubic feet per day. This is equivalent to:

0.05% pyrethrins – 14.6 ounces of diluted product per 1000 cubic feet per day
0.10% pyrethrins – 7.3 ounces of diluted product per 1000 cubic feet per day
0.50% pyrethrins – 1.46 ounces of diluted product per 1000 cubic feet per day

ON HORSES

To kill horn flies, house flies, mosquitoes and gnats, dilute at the rate of 1 part concentrate to 119 parts water (1 fluid ounce per gallon) and apply to wet the hair thoroughly with particular attention to the topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or daily when flies are emerging in large numbers.

To kill stable flies, horse flies, and deer flies, dilute 1 part concentrate to 29 parts water (4.3 fluid ounces per gallon) and apply 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 weekly as needed.

To kill spinose ear ticks, dilute at the rate of 1 part concentrate to 74 parts water (1.7 fluid ounces per gallon) and apply by individual treatment, spraying or pouring 1 to 2 ounces into each ear of large animals.

PETS

READ ENTIRE LABEL BEFORE EACH USE

USE ONLY ON DOGS (OVER 12 WEEKS OF AGE) TO KILL FLEAS, LICE, TICKS AND SPINOSE EAR TICKS

ON DOGS: To kill fleas, ticks and lice on dogs, and to obtain protection against re-infestation, dilute at 1 to 29 in water and wet the animal by dipping or spraying. For best results against fleas and ticks on dogs, the kennels or animal quarters and bedding should also be treated. To kill spinose ear ticks, dilute at the rate of 1 part concentrate to 74 parts water (1.7 fluid ounces per gallon) and apply by individual treatment, spraying or pouring a few drops into the ears of dogs. Do not reapply product for 7 days.

MOSQUITO CONTROL OUTDOORS

For use by federal, state, tribal, or local government officials responsible for public health or vector control, or by person certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

The maximum application rate for wide area mosquito adulticide applications is 0.0025 lbs pyrethrins/acre, or 0.025 lbs piperonyl butoxide/acre, whichever is lower. When targeting *Aedes triseriatus* and other difficult species, applications may be made up to 0.008 lbs pyrethrins/acre/day, or 0.08 lbs piperonyl butoxide/acre/day, whichever is lower.

Do not apply more than 0.2 lbs pyrethrins/acre/year, or 2.0 lbs piperonyl butoxide/acre/year, whichever is lower, in any treated area. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal, or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

WIND SPEED: Apply only when wind speed is greater than or equal to 1 mph.

Ground Application:

Spray equipment must be adjusted so that the volume median diameter is less than 30 microns ($D_v 0.5 < 30 \mu m$) and that 90% of the spray is contained in droplets smaller than 50 microns ($D_v 0.9 < 50 \mu m$). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

To control adult mosquitoes, using ground application, dilute 1 part concentrate to 4 parts water (25.6 fluid ounces per gallon). Apply as a fine mist or fog. Treat shrubbery and vegetation where mosquitoes may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated. Application of this product to any body of water is prohibited, when used for adult mosquito control. Repeat once or twice a week. With mobile or truck mounted equipment the above application rate will result if a 300 foot swath is treated, traveling at 5 mph, dispensing spray at a rate of 20 fluid ounces per minute.

Aerial Application:

RELEASE HEIGHT FOR AERIAL: Fixed wing- Apply using a nozzle height of no less than 100 feet above the ground or canopy. Rotary wing- Apply using a nozzle height of no less than 75 feet above the ground or canopy.

Spray equipment must be adjusted so that the volume median diameter produced is less than 60 microns ($D_v 0.5 M 60 \mu m$) and that 90% of the spray is contained in droplets smaller than 80 microns ($D_v 0.9 < 80 \mu m$). The effects of flight speed, and for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

Application using fixed wing aircraft: Use 2-4 ounces of concentrate in 4 gallons of water per acre.

To control mosquito larvae, dilute 13 1/2 fluid ounces of concentrate in 5 gallons of water and apply at a rate of 5 gallons per acre. Apply as a coarse wetting spray uniformly over wet lands, swamps, marshes, or shallow water. Do not exceed this dosage or fish kill may result.

FOR USE THROUGH AUTOMATIC SPRAY SYSTEMS OUTDOORS

To kill Mosquitoes, Flies, Gnats, and other outdoor pests. Fill tank halfway with water, then add concentrate. Fill the rest of the tank with water. Dispense diluted concentrate through automatic spraying system. Locate nozzles a minimum of 10 feet apart or a maximum of 15 feet apart. One nozzle covers 100 square feet. Nozzles should be rated for a maximum of 1.25 oz. per minute. Set timer to operate in accordance with equipment directions.

Dilute Pyronyl 303 Emulsifiable Concentrate just prior to use as follows: 0.05% Pyrethrins – Add 1 part concentrate to 59 parts water.

FOR OUTDOOR USE IN RESIDENTIAL MISTING SYSTEMS:

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.

If the system works on an automatic timer, set the timing for application when people, pets and food are unlikely to be present.

If the system works when a person operates a remote activation device, then application of this pesticide when people, pets and food are present is prohibited.

Do not use in an evaporative cooling system.

Direct nozzles to spray towards the target area and away from swimming pools, water bodies or eating and cooking areas.

Do not set nozzles to direct mist near outside air condition systems or other home air intakes.

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 Prentox Pyronyl 303 Emulsifiable Concentrate 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.

Contact the system manufacturer for guidance or assistance to ensure compliance with the following requirement:

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.00011 lbs pyrethrins and 0.00058 lbs piperonyl butoxide per 1000 cubic feet per day. This is equivalent to 1.8 ounces of diluted product per 1000 cubic feet per day

FOR OUTDOOR USE ON VEGETABLES, FRUITS AND ORNAMENTALS

Except when using as a mosquito adulticide or through outdoor residential misting systems, all outdoor uses must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: (1) Treatment of soil or vegetation around structures; (2) Applications to lawns, turf and other vegetation; and (3) 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 structural surfaces (such as windows, doors and eaves), are limited to spot treatment and crack-and-crevice treatments only.

May be used on vegetables, fruits and ornamentals (outdoors or in greenhouses) up to and including day of harvest.

On the following vegetables, fruits and ornamentals, to kill the listed insects, use 3/4 to 2 1/2 ounces in 10 gallons of water. Thorough coverage of upper and lower leaf surfaces is essential for good control.

KILLS THE FOLLOWING INSECTS

Achemon sphinx moth, alfalfa caterpillar, alfalfa locper, alfalfa weevil, almond moth, Angoumois grain moth, ants, aphids, apple maggot, armyworms, artichoke plume moth, asparagus beetle, Bagworm, bean beetles, bean leaf beetles, bedbugs, beet armyworm, beet webworm, beetles, biting flies, black widow spiders, blister beetles, blossom weevil, blowflies, blueberry maggot, boll weevil, bollworm, boxelder bug, budmoth, bugs, Cabbage looper, cadelles, canakerworms, carpet beetles, carrot rust fly, carrot weevil, caterpillars, centipedes, cereal leaf beetle, cherry fruit fly, chigger, chinch bug, cicada, cigarette beetle, clothes moth, clover mite, clover weevil, cockroaches, codling moth, Colorado potato beetle, collembola, confused flour beetle, corn borers, corn earworm, corn flea beetle, corn rootworms, corn sap beetle, cotton leaf perforator, crane flies, crickets, cross-striped cabbageworm, cucumber beetles, cutworms, Darkling beetle, darkling ground beetle, deer fly, deer tick, diamondback moth caterpillars, digger wasps, Douglass fir tussock moth, dried fruit beetle, drugstore beetle, Earwigs, eastern tent caterpillar, Egyptian alfalfa weevil, elm bark beetle, elm leaf beetle, European corn borer, European pine tip moth, Face fly, fall webworm, fire ants, firebrats, fireworms, flat grain beetle, fleas, flea beetles, flies, forest tent caterpillars, fruit flies, fulgorids, fungus gnats, Garden webworm, granary weevil, grape leafhopper, grapeleaf skeletonizer, grasshoppers, grapevine root borer, green bug, green cloverworm, green fruitworm, green June beetle, green peach aphid, gypsy moth, Harlequin bug, Heliothis, hessian fly, hickory shuckworm, hornets, horn fly, hornworms, horse fly, house fly, Indianmeal moth, imported cabbageworm, Japanese beetle, katydids, Lace bugs, leaf beetles, leaf-footed bugs, leafhoppers, leafminers, leafrollers, leaf tiers, lesser cornstalk borer, lesser grain borer, lice, little house fly, loopers, Lygus, maize weevil, mealybugs, Mediterranean flour moth, melonworm, merchant grain beetle, Mexican bean beetle, midges, millipedes, mosquitoes, mushroom flies, Nantucket pine tip moth, navel orangeworm,

nitidulids, Oakworms, onion maggot, Oriental fruitmoth, peachtree borer, pear psylla, phorids, pickleworm, pillbugs, pine needle miner, pine tube moth, pine weevils, plant bugs, plum curculio, plume moths, potato aphids, potato leafhopper, potato tuberworm, psyllids, Range caterpillars, redbanded leafroller, redhumped caterpillar, red flour beetle, rice weevil, rusty grain beetle, sap beetles, sawtoothed grain beetle, sciarids, shield bugs, silverfish, skippers, sod webworm, sorghum midge, sowbugs, soybean looper, squarenecked grain beetle, spittlebugs, springtails, squash beetle, squash bugs, squash vine borer, stable fly, stalk borers, stink bugs, strawberry mites, strawberry weevil, Tabanids, tarnished plant bug, tent caterpillars, thrips, ticks, tomato hornworm, tomato pinworm, tortoise beetles, tortrix, tussock moths, velvetbean caterpillar, vinegar flies, Walnut caterpillar, wasps, webworms, weevils, whiteflies, woollybear caterpillar, yellowstriped armyworm, yellowjackets.

VEGETABLES: beets, carrots, horseradish, potatoes, radishes, celery, lettuce, parsley, spinach, broccoli, cabbage, cauliflower, beans, peas, cucumber, melons, pumpkins, summer squash, watermelon, zucchini.

FRUITS: grapefruit, lemons, limes, tangerines, oranges, apples, pears, apricots, cherries, nectarines, peaches, plums, grapes, raspberries, blackberries, strawberries.

HERBS AND SPICES: anise (aniseed); balm; basil; borage; burmet; camomile; caraway; catnip; chicory; chives; clary; coriander; costmary; cumin; curry leaf; dill; fennel (Italian and sweet); fenugreek; horehound; hyssop; marigold; marjoram, sweet (oregano); marjoram, wild; mint; nasturtium; paprika; parsley; pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay (bay leaf); tansy; tarragon; thyme; wintergreen; woodruff; wormwood.

ORNAMENTALS: African violet; ageratum; aster; azalea; begonia; cacti; calceolaria; calendula; calla; camella; camellias; carnations; ceanothus; chrysanthemum; cineraria; coleus; cyclamen; cypress; daffodil; dahlia; delphinium; eucalyptus; ferns; ficus; foliage plants; fuschia; gardenia; geranium; gladiolus; gloxina; gypsophilla; hyacinth; hydrangea; imitari; feles; iris; ivy; lilies; maidenhair fern; marigold; narcissus; orchids; pansy; pelargonium; peony; petunia; philodendron; phlax; poinsettias; pyracantha; rhododendron; roses; rubber plant; snapdragon; stock; sweet pea; tulip; viburnum; wandering jew; zinnia and Andromeda; arbovitae; ash; beech; birch; boxwood; butternut; chamaecyparis; cherry; cotoneaster; crabapple; dogwood; Douglas fir; elm; euonymus; fir; firethorn; forsythia; hackberry; hawthorn; hemlock; hickory; holly; honey locust; horse chestnut; juniper; larch; laurel; lilac; linden; London plane; magnolia; maple; mimosa (silk tree); mountain ash; myrtle; oak; pachysandra; peach; pine; planetree; poplar; privet; quince; spruce; sycamore; Taxus; tulip tree; viburnum; walnut; willow; yew.

DROPSOPHILA OR FRUIT FLY CONTROL:

Dilute at the rate of 2 parts concentrate with 1200 parts water (22 pints per 150 gallons of water). Thoroughly mix the emulsion in the spray tank. Make treatments as follows:

1. To protect tomatoes and fruits in baskets on trucks or in plants, use a product registered for this use such as Pyronyl Crop Spray.
2. Spray the raw stock stacked in the yard.
3. Dip baskets in the diluted spray after dumping the fruit to kill adhering larvae and pupae.
4. After washing and cleaning up the inside of the processing plant and just prior to bringing fruit into it, the entire space inside the cannery should be sprayed at a dilution of 2 parts concentrate to 59 parts water (2 pints) with 7 gallons 3 pints water or 4 tablespoonfuls with 3/4 pints water. At the rate of 1 gallon to 750 square feet (1 quart to 750 square feet) direct spray on walls, ceilings, and floors, paying special attention to forcing spray into all cracks and crevices.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store this product in a cool, dry (preferably locked) place away from heat or open flame and in an area that is inaccessible to children and animals.

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: Non-refillable container. Do not reuse or refill this container. Clean container promptly after emptying. {Containers 5 gallons or less} 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 1/4 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. Offer for recycling, if available or reconditioning, if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. {Containers greater than 5 gallons} Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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. Offer for recycling, if available or reconditioning, if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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.