

Prescription Treatment® brand

Pyreth-It®

Pyrethrum Insecticide

For use on growing crops, ornamentals, stored products, livestock and fruit fly control on harvested fruits and vegetables.
Used alone as a clean-up spray or a pre-harvest spray.

ACTIVE INGREDIENTS:

Pyrethrins	6.00%
Piperonyl Butoxide, Technical**	60.00%

OTHER INGREDIENTS*:	34.00%
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* Contains petroleum distillate

** Equivalent to 48.00% (butylcarbityl) (6-propylpiperonyl) ether and 12.00% related compounds.

TOTAL: 100.00%

EPA Reg. No. 1021-1091-499
KEEP OUT OF REACH OF CHILDREN
CAUTION

See below for additional Precautionary Statements.

PRECAUTIONARY STATEMENTS

FIRST AID

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 a poison control center or a 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 eyes. Call a poison control center 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 mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: This product contains petroleum distillate and may pose an aspiration pneumonia hazard.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies, you may also call 1-800-225-3320.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, absorbed through the skin or inhaled. Causes eye irritation. Do not induce vomiting because of aspiration pneumonia hazard. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or spray mist. Avoid contamination of food and feedstuffs.

Do not apply space spray while food processing is underway. Cover or remove all food processing surfaces. Thoroughly wash all food processing surfaces before reuse. After spraying in bakeries, meat packing plants, food processing plants, etc., all benches, shelving, equipment, etc. where exposed food will be handled must be washed with an effective cleaning compound followed by a potable water rinse to remove all traces of contamination. Food 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. Remove pets, birds, and cover fish aquariums before spraying.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers who may be exposed to the dilute and/or concentrate through application or other tasks must wear: Long-sleeved shirt and long pants; Chemical-resistant gloves, such as, Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton; Shoes plus socks; Protective Eyewear. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240 (d) (4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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 pesticide is highly toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

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.

PHYSICAL OR CHEMICAL HAZARDS

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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. 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.

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 plants, soil, or water, is: Coveralls; Chemical-resistant gloves, such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton; Shoes plus socks; Protective eyewear.

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. Keep unprotected persons out of treated areas until sprays have dried.

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. Apply 2 to 16 ounces per acre and repeat if required to maintain effective control. Use in sufficient water for thorough coverage of upper and lower leaf surfaces (maximum of 100 gallons of water per acre) unless other-



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.

NOTE: This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information.



Pyreth-It® Pyethrum Insecticide

wise 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 be buffered to a pH of 5.5-7.0. 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. This concentrate is relatively non-toxic to honey bees. To avoid possible harm to honey bees, it is advisable to apply in the early morning or late evening hours.

GROWING CROPS (OUTDOORS AND IN GREENHOUSES)

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

LEAFY VEGETABLES: Including (but not limited to) Amaranth (Leafy Amaranth, Chinese Spinach, Tmpala), Arrugula, Celery, Celuce, Chervil, Cilantro, Corn Salad, Chrysanthemum (edible leaved), Chrysanthemum (garland), 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 Pear, 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, Olatlie Berry, Raspberry (black & 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, Carnelia, Carnation, Cineraria, Chry-

santhemum, 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 THE 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, Leafhoppers, Lice, Mexican Bean Beetle, Mosquitoes, Potato Leafhopper, Psyllids, Silverfish, Skippers, Stable Fly, Stink Bugs, Tabanidae, Thrips, Vinegar Flies, Wasps, Webworms, Whiteflies and Yellow Jackets.

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* spp. fruit flies dilute this concentrate at the rate of 1 part with 600 parts water (1 pint of concentrate 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 dilution used as a space spray will give excellent control of fruit flies, house flies, hornets, grain moths, gnats, mosquitoes, and skipper flies. Use one ounce diluted 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 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 diluted 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. The use of this product in food processing or food handling establishments should be confined to time periods when the plant is not in operation. Food should be removed or covered during treatments. All food processing surfaces should be covered during treatment or thoroughly cleaned 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 11 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 up to 1 part to 11 parts 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 of 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.

FOR USE ON SWEET POTATOES IN STORAGE: For control of fruit flies (*Drosophila* spp.) dilute this concentrate at 1 part to 19 parts 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, eleva-

tors 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 inspections 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 pets, and to obtain protection against reinestation, dilute at the rate of 2 fluid ounces per gallon of water and wet the animal by dipping or spraying. For best results against fleas and ticks on dogs and cats the kennels and/or animal quarters and bedding should be treated.

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 nozzle for maximum coverage of area. For best results, close doors and windows before spraying, and keep them closed for 10 to 15 minutes. Applicator should vacate the treated area and ventilate it prior to returning. Repeat application as necessary.

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:** Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill or by other procedures approved by State and Local authorities.

A PRESCRIPTION TREATMENT® brand insecticide from:

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6682

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NOTE: This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information.