

MULTI-PURPOSE Pyrenone[®]

INSECTICIDE CONCENTRATE

CODE 720.75

EPA Reg. No. 4816-442 EPA Est. No. 279-NY-1

FOR USE BY TRAINED PERSONNEL ONLY

A HIGHLY VERSATILE PYRENONE[®] CONCENTRATE.
MAY BE DILUTED WITH EITHER WATER OR OIL.

For use in Bakeries, Bottling Plants, Canned Goods, Flour Mills, Food Processing Plants, Grain Elevators, Hospitals, Hotels, Motels, Restaurants, Outdoors for Mosquito Control and on Growing Crops.

Provides Rapid Kill of Insects Named Without Objectionable Residues.

ACTIVE INGREDIENTS:

Pyrethrins.....	1.0%
*Piperonyl Butoxide, Technical.....	10.0%
Petroleum Distillate.....	79.0%
INERT INGREDIENTS.....	10.0%
	100.0%

*Equivalent to min. 8.0% (butylcarbityl) (6-propylpiperonyl) ether and to 2.0% related compounds.

KEEP OUT OF REACH OF CHILDREN
CAUTION

See rear panel for additional precautions

PYRENONE - Registered trademark of
Fairfield American Corporation

BATCH

Printed in U.S.A.

DIRECTIONS FOR USE

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

This concentrate is designed to be diluted with water or oil before use. The resulting spray solution should be applied using good mechanical or compressed air fogging equipment.

Food additive tolerances have been established for the insecticide components in this product. When this product is used as directed, allowable tolerance levels will not be exceeded.

INDOOR APPLICATION: Remove pets, birds, and cover fish aquarium before spraying.

To control exposed stages of house flies, including fruit flies, mosquitoes, gnats, cluster flies, and flying moths, dilute 1 part concentrate in 19 parts water or oil (6 1/2 ounces per gallon or 5 gallons per 100). 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. Vacate after treatment and ventilate before reoccupying. Do not apply while food processing is underway. Repeat treatment as needed.

For initial clean out of infestations of cockroaches, ants, spiders, silverfish, earwigs, palmetto bugs, waterbugs, firebrats, flat beetles, crickets, boxelder bugs, scorpions, and clover mites: dilute 1 part concentrate in 4 parts water or oil. 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, baseboard 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 dilution of 1 plus 9 at the same rate of application after an interval of one month or when reinfestation occurs.

IN MILLS, ELEVATORS AND GRANARIES: For rapid initial kill of exposed or accessible stages of granary weevil, rice weevil, confused flour beetle, rust red flour beetle, cadelle, sawtoothed grain beetles, spider beetle, dried fruit beetles, dark meal worms, lermested beetles, bean weevils, cheese mites and grain mites: dilute at a rate of 1 part concentrate to 9 parts water or oil. 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.

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, box cars and ships' holds before loading. Using a dilution of 1 part concentrate in 9 parts water, apply at a rate of 1 gallon to 750 square feet of surface with particular attention to cracks, crevices, and similar hiding places.

SEE REVERSE SIDE

SEP 23 1982
Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is classified as a pesticide.
EPA Reg. No. 4816-442



FAIRFIELD AMERICAN CORPORATION
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To control exposed accessible stages of Indian meal moth and Angoumois grain moth in stored grain; dilute 1 part of concentrate in 4 parts of water 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.

ON LIVESTOCK

To control horn flies, house flies, mosquitoes, and gnats, dilute at the rate of 1 part concentrate to 39 parts water 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 as needed when flies are emerging in large numbers.

To control stable flies, horse flies and deer flies, dilute 1 part concentrate to 9 parts water 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 each week or as needed.

To control face flies, dilute 1 part concentrate to 9 parts water. Use a spray which produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1 1/2 ounces per animal. Repeat daily as needed.

For effective control of mottled stages of (biting) yellow lice and (sucking) blue lice on cattle, horses, sheep, goats and hogs, dilute this concentrate at a rate of 1 part in 100 parts water. 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.

To control poultry lice, using a dilution of 1 to 100 in water, dip birds by submerging in a barrel, tank or tub of the solution, holding the wings away from the body to insure thorough wetting of all infested areas. In order to avoid chilling the fowls, dip them on a warm day or in a warm building.

For control of bedbugs and mites in poultry houses, dilute 1 part of concentrate with 9 parts of water and spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

To control sheep "tick" or ked, dilute at the rate of 1 part of concentrate to 100 parts 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.

To kill fleas on livestock and pets, and to obtain protection against reinfestation, dilute at 1 to 16 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 control spinose ear tick, dilute at the rate of 1 part concentrate to 24 parts water and apply by individual treatment, syringing or pouring 1 to 2 ounces into each ear of large animals or a few drops into the ears of dogs.

IN BARRS, MILKING PARLORS, MILK ROOMS and DAIRIES: To control flies, mosquitoes and gnats, dilute at the rate of 1 part concentrate to 9 parts of water or oil and apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist using about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for ten to fifteen minutes. Vacate the treated area and ventilate before re-occupying. Repeat application as necessary.

WOSQUITO CONTROL, OUTDOORS: To control adult mosquitoes, using ground application, dilute 1 part concentrate in 7 parts of water or oil. 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 shore lines may be treated. Application of this product to any body of water is prohibited, when using for adult mosquito control. Repeat as necessary, usually once or twice a week.

With mobile or truck mounted equipment the above application rate will result if a 400 foot swath is treated, traveling at 15 mph, dispensing spray at a rate of 40 gallons per hour.

Application using fixed wing aircraft: Use 6 to 12 ounces of concentrate in 4 gallons of water per acre.

To control mosquito larvae, dilute 24 pints of concentrate in 6 gallons of oil and apply at a rate of 5 gallons per acre. Apply as a coarse wetting spray uniformly over wet lands, swamps, marshes, or shallow waters. Do not exceed this dosage or fish kill may result.

ON GROWING CROPS: May be used on edible crops (outdoors or in greenhouses) up to and including day of harvest. Especially desirable as a clean up or pre-harvest spray where other materials may not be used due to residue restrictions. When applied according to accepted use cautions and directions, this concentrate may be used in combination with other insecticides where resistant insects are a problem or as an "exciter" where insects are flushed out of hiding and into contact with spray residues.

On the following crops to control the insects named, use 12 to 36 ounces per acre in sufficient water to allow thorough coverage (usually 100 gallons) or 3 oz. in 1 gallon of water to treat 500 square feet. Coverage of upper and lower leaf surfaces is essential for good control:

CROPS: Asparagus, Beans, Broccoli, Cabbage, Brussels Sprouts, Cauliflower, Celery, Cranberries, Eggplants, Lettuce, Mustard Greens, Kale, Collards, Turnips, Peppers, Potatoes, Radishes, Spinach and Tomatoes.

TO CONTROL: Asparagus Beetles, Aphids, Leafhoppers, Whiteflies, Mexican Bean Beetles, 12-Spotted Cucumber Beetles, Cabbage Loopers, Cross-Striped Cabbageworms, Diamond-back Mottled Larvae, Flea Beetles, Harlequin Bugs, Imported Cabbageworms, Stink Bugs, Green Peach Aphid, Leaf Tiers, Fireworms, Blister Beetles, Colorado Potato Beetles, and Webworms.

ORNAMENTALS: (African Violets, Asters, Azaleas, Begonias, Camellias, Carnations, Chrysanthemums, Dahlias, Dogwood, Geraniums, Gladioli, Marigolds, Roses, Rubber Plants, Wandering Jew, etc.) Aphids, Flea Beetles, Leafhoppers, Whiteflies, Japanese Beetles and Gypsy Moth Adults and Caterpillars.

DROSOPHILA OR FRUIT FLY CONTROL: Dilute at the rate of 6 parts concentrate with 1200 parts water (6 pints per 150 gallons or 6 tablespoonsful with 4 gallons 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 Pyrethone Crop Spray, Code 2870.
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.

CONTINUED ON NEXT PAGE

1. 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 6 parts concentrate to 59 parts water (6 pints with 7 gallons 3 pints water or 12 tablespoonsful with 34 pints water). At the rate of 1 gallon to 750 square feet (1 quart to 188 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 reuse empty container. Wrap container and put in trash collection.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Remove pets, birds and cover fish aquaria before spraying. Do not breathe spray mist. Wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing. Wash exposed skin surfaces with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

Do not apply as a space spray while food processing is underway. Except in Federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Do not apply at any time as an undiluted space spray in edible product areas of Federally inspected meat and poultry plants. Foods should be removed or covered before treatments. Thoroughly wash all food processing surfaces before reuse. In food processing plants and Federally inspected meat and poultry plants, all surfaces in processing areas must be washed and rinsed in potable water after spraying.

When using in animal quarters, do not apply directly to food, water or food supplements. Wash teats of dairy animals before milking.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Contact a physician or Poison Control Center. Do not induce vomiting unless directed by a physician. Vomiting may cause aspiration pneumonia.

If Inhaled: Remove affected person to fresh air. Apply artificial respiration if indicated.

If In Eyes: Flush eyes with plenty of water. Contact a physician if irritation persists.

If On Skin: Remove contaminated clothing and wash contaminated areas of skin with soap and water. Contact a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour or spill near heat or open flame.

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