

SUPPLEMENTAL LABEL



McLaughlin
Gormley
King Company



PyGanic® Crop Protection EC 1.4 II

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TELEPHONE (763-544-0341)

- For use in Restaurants
- For use on Livestock
- For indoor and outdoor uses
- Controls key livestock pests
- For Barns, Dairies and Poultry Houses
- For use in food storage and processing facilities

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.

Wear protective clothing when using or handling this product to help avoid exposure to eyes and skin. Eye protection, gloves, a longsleeved shirt and long-pants are recommended.

Allow spray to dry before allowing adults, children or pets on treated areas.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

FOR THE CONTROL OF INSECTS: Including, but not limited to: Ants, Aphids, Apple Maggot, Armyworms, Artichoke Plume Moth, Asparagus Beetle, Beet Armyworm, Bagworm, Bean Beetles, Beetles, Blister Beetles, Blow Flies, Biting Flies, Boll Weevil, Cabbage Looper, Cankerworms, Carrot Weevil, Caterpillars, Clover Mite, Clover Weevil, Cockroaches, 12-spotted Cucumber Beetle, Codling Moth, Colorado Potato Beetles, Crickets, Crane Flies, Crickets, Cross-striped Cabbageworm, Cucumber Beetles, Darkling Beetles (lesser meal worm), Deer Fly, Deer Tick, Earwigs, Diamondback Larvae, Eastern Tent Caterpillar, Elm Leaf Beetle, European Corn Borer, European Pine Tip Moth, Face Fly, Fall Webworm, Fire Ants, Firebrats, Fireworms, Flea Beetles, Flies, Forest Tent Caterpillar, Fungus Gnats, Fruit Flies, Fruittree Leafroller, Glassy Winged Sharpshooter, Grape Leafhopper, Grape Leaf Skeletonizer, Green Fruit Worm, Green Peach Aphids, Greenhouse Thrips, Gypsy Moth (adults & larvae), Harlequin Bug, Heliothis sp., Hornets, Horn Fly, Hornworm, Horse Fly, House Fly, Imported Cabbageworm, Indian Meal Moth, Imported Cabbageworm, Japanese Beetle, Katydid, Lace Bugs, Leafhopper, Leafrollers, Leaf-tiers, Lice, Loopers, Lygus, Mealy Bugs, Mediterranean Flour Moth, Mexican Bean Beetle, Midges, Millipedes, Mosquitoes, Mushroom Flies, Navel Orangeworm, Onion Maggot, Pear Psylla, Potato Leafhopper, Psyllids, Rice Weevil, Saw Toothed Grain Beetle, Scale, Silverfish, Skippers, Sowbugs, Stable Fly, Stink Bugs, Spiders, Stable Fly, Stink Bugs, Tabanidae, Tarnished Plant Bug, Thrips, Tomato Hornworm, Vinegar Flies, Wasps, Webworms, Whiteflies and Yellowjackets.

GROWING CROPS (OUTDOORS AND IN GREENHOUSES):

CUCURBIT VEGETABLES: Chayote (fruit).

FOR CONTROL OF ANTS ON ORCHARD FLOORS: Apply as a broadcast spray to the entire orchard floor using ground spray equipment at 5 to 18 fl. oz. per acre in 25 or more gallons of water. For best results use the high rate for heavy infestations and the lower rate for light infestations.

Do not apply where weed growth or other obstructions would impede uniform coverage of the orchard floor. Mow or chemically control weeds before the application. Foliar applications of PyGanic® Crop Protection EC 1.4_{II} may be made in addition to the orchard floor treatment.

FOR USE OUTDOORS ON TREES, SHRUBS, FLOWERS AND FOLIAGE PLANTS:

Used alone: Combine 3.5 to 7 pints of PyGanic® Crop Protection EC 1.4_{II} with 100 gallons of water for applications with conventional hydraulic and airblast sprayers or 3.5 to 7 pints of PyGanic® Crop Protection EC 1.4_{II} with 10 gallons of water for applications with low volume mist blowers or 1 to 2 fl. oz. per gallon water for applications with compressed air sprayers.

USE INDOORS ON TREES, SHRUBS, FLOWERS AND FOLIAGE PLANTS:

Used alone: Combine 3.5 to 7 pints of PyGanic® Crop Protection EC 1.4_{II} with 100 gallons of water for applications with conventional hydraulic sprayers or 1 to 2 fl. oz. of PyGanic® Crop Protection EC 1.4_{II} per gallon of water for applications with compressed air sprayers.

USE WITH HYDROPONICALLY GROWN VEGETABLES AND ORNAMENTALS

AS A WATER SYSTEM TREATMENT: To control aquatic diptera larvae, apply PyGanic® Crop Protection EC 1.4_{II} to the water at the rates outlined in the following table:

<u>Pyrethrins Concentration</u>	<u>ml of PyGanic® Crop Protection EC 1.4_{II}</u>	<u>Gallons of Water</u>
0.1 ppm	286	10,000
0.01 ppm	28.6	10,000
0.001 ppm	2.86	10,000

FOR USE AROUND HOMES AND OTHER BUILDINGS: Use this concentrate at 1 part to 13 parts water (10 fl. oz. with one gallon of water) to control insects in Turf, Ornamental Plants, Gardens, Landscaping, Foundation Walls and Perimeters.

FOR USE AS A LIVESTOCK AND POULTRY SPRAY:

- 1) To kill and repel horn flies, house flies, mosquitoes and gnats, dilute at the rate of 5 to 10 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 9 to 14 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) To kill and repel face flies dilute at the rate of 9 fluid ounces per gallon of water and apply using 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 of diluted solution per animal. Repeat daily as needed.
- 4) For effective control of biting and sucking lice on cattle, horses, sheep, goats and hogs, dilute at the rate of 1 quart with 16 gallons of water (3 fluid ounces with 1 gallon) 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.
- 5) To control poultry lice, using a dilution of 9 to 14 ounces of concentrate per gallon of water spray roosts, walls and nests or cages thoroughly. It is not necessary to remove poultry from the housing unit during treatment. This should be followed by spraying over the birds with a fine mist.
- 6) For control of bedbugs and mites on poultry and in poultry houses, dilute at the rate of 9 to 14 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.
- 7) To control sheep "tick" or ked, dilute at the rate of 5 to 10 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.
- 8) To kill fleas and ticks on livestock and pets, and to obtain protection against reinfestation, dilute at the rate of 9 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.
- 9) To control adult darkling beetle (lesser meal worm) in poultry houses. Dilute 1-3 fl. oz. of PyGanic Crop Protection EC 1.4_{II} per gallon of water. Using a power or proportioner-type sprayer, apply a uniform spray until wet at pressures of 80 to 100 pounds per square inch to surfaces such as interior walls, roosting posts, structural support pillars, and other surfaces where adult beetles are observed. One gallon of spray mixture covers 250-500 sq. ft. Do not contaminate food/feed or water. For maximum effectiveness, treatments should coincide with each growout or sanitation procedure. Indoor control can be enhanced by making perimeter treatments around the outside of buildings. To prevent immigrating adult beetles, apply a uniform band of spray 2 feet up and 1-4 feet out from the foundation.

For maximum effectiveness, treatments should coincide with poultry house clean out and litter replacement as this activity will tend to flush beetles to vertical surfaces where they will be exposed to the spray.

FOR USE IN BARN, DAIRIES, MILKING PARLORS, MILKING ROOMS AND POULTRY HOUSES: To control flying insects including, but not limited to: Flies, Fruit Flies, Mosquitoes, Gnats, Wasps, Hornets and Small flying Moths, dilute at the rate of 9 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 and above livestock and poultry toward the ceiling and upper corners of the area being treated. 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.

Manufactured by:
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