

- Provides rapid knockdown and kill of listed plant pests
- Non-persistent in the environment
- Kills more than 100 listed insects, including aphids, beetles, caterpillars, fruit flies, mites and thrips
- Flushes insects and mites from hiding
- One pint makes up to 16 gallons



 For Organic Gardening

**ACTIVE INGREDIENT:**

Pyrethrins <i>a botanical insecticide</i> .....	1.40%
OTHER INGREDIENTS .....	98.60%
	100.00%

KEEP OUT OF REACH OF CHILDREN  
**CAUTION • PRECAUCIÓN**

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

See inside for first aid and precautionary statements.

**DIRECTIONS FOR USE**

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

**USE RESTRICTIONS:**

- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Do not make applications during the rain.
- Do not wet plants to the point of runoff.
- Not for use in outdoor residential misting systems (indoor or outdoor).
- Do not allow adults, children, or pets to enter the treated area until sprays have dried.
- To avoid possible harm to honey bees, it is advisable to apply in the early morning or late evening hours.
- Not for indoor use.
- Not for use on plants grown for sale.

Pyrethrins degrade rapidly in sunlight. To ensure the best performance, coverage is key. Use spray equipment that will provide the best coverage and direct contact with as many insects as possible.

**Dilute 1 to 1.4 fl. oz. of PyGanic® Gardening per gallon of water per 1,000 sq. ft.**

For larger gardens apply 16 to 59 fl. oz. of PyGanic® Gardening per acre [by ground in sufficient water for thorough coverage. Do not exceed the maximum application rates of 1.4 fl. oz. PyGanic® Gardening per 1,000 sq. ft. or 59 fl. oz. PyGanic® Gardening per acre. Apply diluted solution with all types of agriculture sprayers, including compressed air sprayers or pump driven sprayers. Mix only enough for immediate use. Spraying should begin when the insects first appear. Do not wait until the plants are heavily infested.

**IMPORTANT NOTE:**

Plant safety is an important consideration when using insecticides. However, it is not possible to evaluate the phytotoxicity of PyGanic® Gardening on numerous plant varieties that may react differently to insecticides in different growth stages or under varying environmental conditions. Before making widespread applications of PyGanic® Gardening, treat a limited number of plants and observe for phytotoxicity over a 10-day period.

**TO KILL THE FOLLOWING LISTED INSECTS: Including:**

12-spotted Cucumber Beetles	Cabbage Maggots	Drugstore Beetles
Angoumois Grain Moths	Cadelles	Earwigs
Ants (excluding fire and Pharaoh ants)	Cankerworms	Eastern Tent Caterpillars
Aphids	Carrot Weevils	Elm Leaf Beetles
Apple Maggots	Caterpillars	Eriophyid Mites
Armored Scales	Chalcids	European Pine Tip Moths
Armyworms	Cheese Skippers	Fireworms
Artichoke Plume Moths	Cherry Fruit Flies	Flea Beetles
Asian Citrus Psyllids	Cigarette Beetles	Forest Tent Caterpillars
Asparagus Beetles	Clover Mites	Fruit Flies
Bagworms	Clover Weevils	Fruittree Leafrollers
Bean Beetles	Cockroaches	Fruitworms
Beet Armyworms	Codling Moths	Fungus Gnats
Beetles	Colorado Potato Beetles	Garden Symphylan
Bermudagrass Mirids	Confused Flour Beetles	Glassy-winged Sharpshooters
Billbugs	Corn Earworms	Gnats
Blister Beetles	Crane Flies	Grain Mites
Blow Flies	Crickets	Grapeleaf Skeletonizers
Boll Weevils	Cross-striped Cabbageworms	Grape Leafhoppers
Boxelder Bugs	Cucumber Beetles	Grape Mealybugs
Branch and Twig Borers	Dark Mealworms	Grasshoppers
Cabbage Loopers	Darkling Beetles (lesser mealworms)	Greenbugs
	Diamondback Larvae and Moths	Green Fruitworms
	Driedfruit Beetles	Green Peach Aphids
		Greenhouse Thrips

Gypsy Moths (adults & larvae)	Moths	Soft Scales
Harlequin Bugs	Mushroom Flies	Southern chinch bugs
Heliothis spp.	Navel Orangeworms	Sow bugs
Hornworms	Olive Fruit Flies	Spider Beetles
House Flies	Onion Maggots	Springtails
Imported Cabbageworms	Orange Tortrix	Squash bugs
Indian Meal Moths	Pacific flatheaded borers	Stable Flies
Japanese Beetles	Pear Psyllids	Stink Bugs
Katydid	Pepper Weevils	Tarnished Plant Bugs
Lace Bugs	Pink bollworms	Thrips
Leaffooted plant bugs	Potato Leafhoppers	Tobacco Moths
Leafhoppers	Potato Tuberworms	Tomato budworms
Leafminers	Proba bugs	Tomato bugs
Leafrollers	Psyllids	Tomato Fruitworms
Leaf tiers	Red Flour Beetles	Tomato Hornworms
Loopers	Rice Weevils	Tomato pinworms
Lygus	Saltmarsh caterpillars	Tomato Russet Mites
Maggots	Sawtoothed Grain Beetles	Tussock moths
Mealybugs	Scales	Vine Mealybugs
Mediterranean Flour Moths	Sharpshooters	Vinegar Flies
Mexican Bean Beetles	Shore flies	Webworms
Midges	Shothole borers	Weevils
Millipedes	Silverfish	Western Yellowstriped armyworms
Mites	Skippers	Whiteflies
Mole crickets	Small Flying Moths	Yellow Mealworms

**ROOT AND TUBER VEGETABLES:** Including: Arracacha, Arrowroot, Purple Arrowroot, Japanese Artichoke, Jerusalem Artichoke, Garden Beets, Sugar Beets, Edible Burdock, Edible Canna, Carrots, Cassava (bitter or sweet), Celery (celery root), Chayote (root), Chervil (turnip rooted), Chicory, Chufa, 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: Garden Beet, Sugar Beet, Edible Burdock, Carrot, Cassava (bitter or sweet), Celery (celery root), Chervil (Turnip Rooted), Chicory, Dasheen (Taro), Parsnip, Radish, Japanese Radish (Daikon), Rutabaga, Black Salsify, Sweet Potato, Tanier, Turnip, Yam (true).

**BULB VEGETABLES:** Including: Garlic, Great-headed Garlic, Leek, Onion (bulb and green), Welch, Shallot.

**LEAFY VEGETABLES:** Including: Amaranth (Leafy Amaranth, Chinese Spinach, Tampala), Arugula, Cardoon, Celery, Chinese Celery, Celtuce, Chervil, Cilantro, Corn Salad, Chrysanthemum (edible-leaved), Chrysanthemum (garland), Cress (garden, water), Upland Cress (yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Fennel (Florence), Lettuce (head and leafy), Orach, Parsley, Purslane (garden & winter), Radicchio, Rhubarb, Spinach, Fine Spinach (Malabar, Ceylon), Spinach (New Zealand), Swiss Chard.

**BRASSICA (COLE) LEAFY VEGETABLES:** Including: Broccoli, Chinese Broccoli (Gai Lon), Broccoli raab (Rapini), Brussels Sprouts, Cabbage, Chinese Cabbage (Bok Choy), Chinese Cabbage (Napa), Chinese Mustard Cabbage (Gai Choy), Cauliflower, Cavallo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens.

**LEGUME VEGETABLES (SUCCULENT OR DRIED):** Including: 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, Blackeyed Peas, Catjang, Chinese Longbeans, Cowpeas, Crowder Peas, Southern Peas, Yardlong Beans, Broad Beans, (Fava Beans), Chick Peas (Garbanzo Beans), Guar, Jack Beans (Sword Beans), Lablab Beans (Hyacinth Beans), Lentils, Peas (Garden Peas, Field Peas, Sugar Snap Peas, English Pea, Snow Pea), Pigeon Peas, Soybeans, Sweet Lupin Beans, White Lupin Beans, White Sweet Lupin, Sword Bean.

**FOLIAGE OF LEGUME VEGETABLES:** Including: 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: Eggplant, Ground Cherry, Okra, Pepinos, Peppers (Bell Peppers, Chili Pepper, Cooking Peppers, Pimentos, Sweet Peppers), Tomatillo, Tomatoes.

**CUCURBIT VEGETABLES:** Including: Balsam Apple, Balsam Pear (Bitter Melon), Chayote (fruit), Chinese Waxgourd (Chinese preserving melon), Chinese Cucumber, Citron Melon, Cucumber, Gherkin, Edible Gourds, Melons (including hybrids, Cantaloupe, Casaba, Crenshaw, Golden Pershaw Melon, Honeydew Melons, Honey Balls, Mango Melon, Muskmelon, Persian Melon, Pineapple Melon, Santa Claus Melon, Snake Melon), Pumpkin, Squash (summer & winter), Watermelon (including hybrids).

**CITRUS FRUITS:** Including: Calamondin, Citrus Citron, Citrus Hybrids, Grapefruit, Kumquats, Lemons, Limes, Mandarin (Tangerine), Orange (sweet & sour), Pummelo, Satsuma Mandarin, (Citrus spp. Includes Chironja, Tangelos, Tangors).

**POME FRUITS:** Including: Apple, Crab Apple, Loquat, Pear, Mayhaw, Oriental Pear, Quince.

**STONE FRUITS:** Including: Apricot, Cherry (sweet & sour), Nectarine, Peach, Plum, Prune, Chickasaw Plum, Damson Plum, Japanese Plum, Plumcot.

**SMALL FRUITS AND BERRIES:** Including: Blackberry, Blueberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Grape, Huckleberry, Loganberry, Olallieberry, Raspberry (black & red), Strawberry, Youngberry.

**TREE NUTS:** Including: Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia Nut (Bush Nut), Pecan, Pistachio, Walnut, Black and English (Persian).

**ORIENTAL VEGETABLES:** Including: Acerola, Atemoya, Balsam Pear (bitter melon), Carambola, Japanese Artichoke, Chinese Broccoli (Gai Lan), Chinese Cabbage (Bok Choy, Napa), Chinese Mustard Cabbage (Gai Choy), Dasheen, Ginger, Ginseng, Chinese Longbeans, Mung Beans, Citron Melon, Japanese Radish (Daikon), Chinese Spinach, Chinese Waxgourd, Cilantro, Citron Melon, Rambutan, Water Chestnut.

**SUBTROPICAL FRUITS:** Including: Avocado, Banana, Carob, Barbados Cherry, Cherimoya, Dates, Durian (Jackfruit), Feijoa, Figs, Guava, Kiwifruit, Lychee, Mango, Papaya, Passion Fruit, Persimmon, Pineapple, Pomegranate.

**HERBS AND SPICES:** Including: Allspice, Angelica, Anise (anise seed), Anise [star], Annatto (seed), Balm (lemon balm), Basil, Borage, Burnet, Caper buds, Caraway, Caraway [black], Cardamom, Cassia bark, Cassia buds, Catnip, Celery seed, Chamomile, Chervil (dried), Chicory, Chive, Chive [Chinese], Cinnamon, Clary, Clove buds, Coriander (cilantro or Chinese parsley) (leaf), Coriander (cilantro), Coriander (seed), Costmary, Culantro (leaf), Culantro (seed), Cumin, Curry (leaf), Dill (dill weed), Dill (seed), Fennel (common), Fennel [Florence] (seed), Fenugreek, Grains of paradise, Horehound, Hyssop, Juniper berry, Lavender, Lemongrass, Lovage (leaf), Lovage (seed), Mace, Marigold, Marjoram (includes sweet or annual marjoram, wild marjoram or oregano, and pot marjoram), Mustard (seed), Nasturtium, Nutmeg, Oregano, Mint, Paprika, Parsley (dried), Pennyroyal, Pepper [black], Pepper [white], Poppy (seed), Rosemary, Rue, Saffron, Sage, Savory [summer and winter], Sweet bay (bay leaf), Tansy, Tarragon, Thyme, Vanilla, Wintergreen, Woodruff, Wormwood.

**ADDITIONAL PLANTS:** Including: Artichoke, Asparagus, Avocado, Coffee, Cotton, Hops, Jojoba, Mushroom, Okra, Olives, Peanuts, Pineapple, Rice, Safflowers, Sesame, Sugar Cane, Sunflower, Tea.

**FOR USE ON ORNAMENTAL PLANTS GROWN IN GARDENS:** Including: African Violet, Ageratum, Aster, Azalea, Begonia, Calceolaria, Calendula, Calla, Camellia, Carnation, Ceanothus, Cineraria, Chrysanthemum, Coleus, Cyclamen, Cypress, Daffodil, Dahlia, Delphinium, Dogwood, Elm, Eucalyptus, Fern, Ficus, Foliage Plants, Fuchsia, Gardenia, Geranium, Gladiolus, Gloxinia, Gypsophila, Holly, Hyacinth, Hydrangea, Iris, Lily, Maidenhair Fern, Marigold, Narcissus, Palm, Pansy, Peony, Pelargonium, Petunia, Philodendron, Phlox, Pine, Pyracantha, Rhododendron, Roses, Rubber Plant, Snapdragon, Sweet Pea, Tulips, Viburnum, Wandering Jew, Yew, Zinnia and Andromeda, Arborvitae, Ash, Beech, Birch, Boxwood, Cotoneaster, Crab Apple, Euonymus, Fir, Firethorn, Forsythia, Hawthorn, Hemlock, Hickory, Honey Locust, Horse Chestnut, Juniper, Larch, Laurel, Lilac, Linden, Mimosa, Myrtle, Oak, Pine, Privet, Tulip Tree, Viburnum, Willow.

# FIRST AID

## IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- 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 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 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 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.

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 or pesticide incidents, call 1-888-740-8712.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

## ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter storm drains, drainage ditches, gutters or surface waters. Applying this pesticide in calm weather when rain is not predicted for the next 24 hours will ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems. 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.

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 foraging in the treatment area.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

### PESTICIDE STORAGE:

Keep this product in its tightly closed original container, when not in use. Store in a cool, dry (preferably locked) 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.

If empty: Offer for recycling, if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

