

PyGanic® Product Features

- Stops insect damage fast
- Controls a broad spectrum of insects
- No pre-harvest interval (PHI) required
- No annual limits or restrictions on the number of applications per year
- Component of insect management program
- May be tank mixed
- Easy to use

Organic Standards Compliance

Not all pyrethrum products are created equal!



PyGanic is compliant with the USDA's National Organic Program (NOP) Requirements for an organic input.



PyGanic was the first pyrethrum-based product listed by The Organic Materials Review Institute (OMRI).

Always consult your organic certifier and OMRI's list of acceptable products.

Use Areas	PyGanic® 1.4	PyGanic® 5.0
Growing Crops Outdoors	X	X
Growing Crops in Greenhouses	X	X
Orchard Floors	X	X
Outdoor Ornamentals	X	X
Indoor Ornamentals	X	X
Hydroponics	X	X
Around Homes	X	X
Around Buildings	X	X
On Livestock	X	X
On Poultry	X	X
In Livestock Housing	X	X
In Dairies	X	X
In Poultry Houses	X	X
*Harvested Fruits and Vegetables		X
*On Stored Products		X
*On Stored Grain and Seed		X
*Grain Protectant		X
In Storage Sites		X

*Not registered for this use in the state of California

To learn more:

Visit www.pyganic.com, or call our toll-free hotline at 1-866-794-2642, or send us an e-mail at info@pyganic.com.



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Immediate Insect Control for Organic Production

 For Organic Production

GROWING CROPS

FOR THE CONTROL OF INSECTS including, but not limited to:

Ants	Cucumber	Grape Leaf	Midges
Aphids	Beetles	Skeletonizers	Millipedes
Apple Maggots	Darkling Beetles	Green Fruit	Mites
Armyworms	(lesser meal worm)	Worms	Mosquitoes
Artichoke Plume Moths	Deer Flies	Green Peach	Mushroom Flies
Asparagus	Deer Ticks	Aphids	Navel
Beetles	Earwigs	Greenhouse	Orangeworms
Beet Armyworms	Diamondback	Thrips	Onion Maggots
Bagworm	Larvae	Gypsy Moths	Pear Psylla
Bean Beetles	Eastern Tent	(adults and larvae)	Potato
Beetles	Caterpillars	Harlequin Bugs	Leafhoppers
Blister Beetles	Elm Leaf Beetles	Hornets	Psyllids
Blow Flies	European Corn	Horn Flies	Rice Weevils
Biting Flies	Borers	Hornworms	Saw-toothed
Boll Weevils	European Pine	Horse Flies	Grain Beetles
Cabbage Loopers	Tip Moths	House Flies	Scales
Cankerworms	Face Flies	Imported	Silverfish
Carrot Weevils	Fall Webworms	Cabbageworms	Skippers
Caterpillars	Fire Ants	Indian Meal	Sowbugs
Clover Mites	Firebrats	Moths	Spiders
Clover Weevils	Fireworms	Japanese Beetles	Stable Flies
Cockroaches	Flea Beetles	Katydid	Stink Bugs
Codling Moths	Flies	Lace Bugs	Tabanidae
Colorado Potato	Forest Tent	Leafhoppers	Tarnished
Beetles	Caterpillars	Leafrollers	Plant Bugs
Crane Flies	Fungus Gnats	Leafhoppers	Thrips
Crickets	Fruit Flies	Lice	Tomato
Cross-striped	Fruittree	Loopers	Hornworms
Cabbageworms	Leafrollers	Lygus	Vinegar Flies
12-spotted	Glassy Winged	Mealy Bugs	Wasps
Cucumber	Sharpshooters	Mediterranean	Webworms
Beetles	Grape	Flour Moths	Whiteflies
	Leafhoppers	Mexican Bean	Yellowjackets
		Beetles	

PyGanic® formulation		Most commonly used rate	Rates for treating high populations of adult and/or hard to kill insects	
PyGanic 1.4_l Rate per acre	1 pint 16 fl.oz.	2 pints 32 fl.oz.	3 pints 48 fl.oz.	4 pints 64 fl.oz.
Acres per quart	2	1	0.67	0.5
Acres per gallon	8	4	2.7	2.0
Rate for hand sprayers	1-2 Fluid Ounces of PyGanic 1.4 _l per gallon of water			
PyGanic 5.0_l Rate per acre	4.5 fl.oz.	9 fl.oz.	13.5 fl.oz.	18 fl.oz.
Acres per quart	7	3.5	2.4	1.8
Acres per gallon	28.4	14.2	9.5	7.1
Rate for hand sprayers	1.5-3.0 teaspoons of PyGanic 5.0 _l per gallon of water			

Tips for Best Performance

1) Buffer the pH of the PyGanic® spray solution to 5.5-7.0.
Application of the spray solution with a pH outside of this range may result in poor performance on target insects.

2) PyGanic is a contact insecticide – good coverage is key.
The amount of water used as a carrier has to be sufficient to achieve good coverage and contact of target insects.

3) PyGanic may be applied in conjunction with a spreader or wetting agent.

While PyGanic should be compatible with most products, we recommend conducting a small-scale test to ensure the lack of phytotoxicity of the combination.

4) Consider application in early morning, late evening or during the night.

Reduced UV exposure and lower temperatures will increase performance and reduce impact on pollinators.

5) For most situations start at the mid application rate for PyGanic.

In general, using PyGanic EC 1.4_l at the 2 pint per acre rate (equivalent to PyGanic EC 5.0_l at 9 fluid ounces per acre) provides excellent knockdown and kill of insects. Conditions under which we recommend increasing the rate used per acre are:

- Extremely high insect populations
- When the insect population is dominated by late-stage immatures or adults.

6) Tank mix PyGanic with other products.

PyGanic adds quick knockdown and kill, broad spectrum control and resistance managements benefits to other crop protection products such as Bts, Azadiractin, Spinosad and Neem Oils.

7) Carefully monitor insect populations and apply when insects are early in their life stage.

Monitor your crops for the first appearance of insects and treat the insects early before the population gets out of control.

8) Apply PyGanic when target insects are active.

Apply when the target insects are active to increase the direct contact with the insects and give the highest level of control.

9) Remove beneficial insects or apply when beneficials are not present.

LIVESTOCK

PyGanic® Controls Key Livestock Pests!

Dilute according to label directions and spray animals directly to control the following pests:

Deer Flies	House Flies
Face Flies	Lice
Fleas	Mosquitoes
Gnats	Stable Flies
Horn Flies	Sheep Ticks or Keds
Horse Flies	Ticks

Use PyGanic to control Poultry pests by spraying poultry houses to control:

Bedbugs	Mites
Darkling Beetles (lesser mealworm)	Poultry Lice

Apply PyGanic as a fog or a fine mist according to label directions in Barns, Dairies, Milking Parlors, Milking Rooms and Poultry Houses to control flying insects such as:

Flies	Mosquitoes
Fruit Flies	Small Flying Moths
Gnats	Wasps
Hornets	

POST HARVEST

Post Harvest Uses

Prior to use for storage, use PyGanic to treat grain and seed:

Bin Hoppers	Mills
Cargo Ships	Trucks
Conveying Equipment	Warehouse Bins
Elevators	

