Flush insect pests from your crop... Naturally

PyGanic®

Overview

PyGanic® from Sumitomo Chemical is a fast-acting botanical insecticide derived from Chrysanthemums, providing short-term control of a range of insect pests across a wide variety of crops. Due to its naturally derived active ingredient PyGanic has a high safety profile for field workers, a low impact on the environment and a high impact on pests.

Key features of PyGanic

- Includes 13 g/L of natural pyrethrins.
- Group 3A insecticide.
- Zero days withholding on many crops – 1 day withholding on others.
- Broad label with wide range of approved uses.
- Low user toxicity.
- Low environmental persistence and totally biodegradable.
- Flushing effect, resulting in cleaner produce.
- Australian certified organic status.

Input for Organic Production
ACO CERT. NO. 10332

PyGanic is available in convenient 1 L and 3.78 L packs. PyGanic is based on naturally grown pyrethrins extracted from Chrysanthemums.

Crop use summary

Crop	Rate	Withholding period
Avocados	200 mL/100 L	Nil
Citrus including, oranges, mandarins, grapefruit, lemons and limes	150 mL/100 L	Nil
Kiwifruit	200 mL/100 L	Nil
Flowerhead brassica's including, broccoli, cabbage, cauliflower and Brussels sprouts	2.4 L/ha	Nil
Lettuce		Nil
Strawberries		Nil
Grapes – wine and table	150-200 mL/100 L*	Nil
Stone fruit including, apricots, nectarines, peaches, plums and prunes (fresh)		Nil
Fruiting vegetables (field and protected) including, capsicums, chillies, egg plant, tomato (excluding sweetcorn and mushrooms)	2.4 L/ha	Nil
Brassica leafy vegetables including, raab broccoli, Chinese broccoli (gai lan), Chinese cabbage (pak choi), bok choi, Chinese fat cabbage, cress (garden and upland), flowering white cabbage (choisum), kale, Kohlabi leaves, komatsuna (mustard spinach), mizuna, mustard greens (Indian and leaf), purple-stem mustard, radish leaves (inc tops), rape greens, rucola (arrugula and rocket), turnip greens, wasabi leaves and wild rocket		Nil
Leafy vegetables including, endive, fennel, kale, cress, mustard, silverbeet and spinach		Nil
Legume vegetables including, green beans, broad beans, common beans,catjan, cowpea, goa bean, green peas, guar, lablab bean, mung bean and soy bean		1 day
Cherries	150 mL/100 L	1 day
Macadamia nuts	200 mL/100 L^	1 day

** Use higher rate for denser crops and higher pest pressure. ^ Apply to point of run off to a maximum of 4 L/ha.*

Note: Refer to label for full directions for use and list of pests controlled.

Scan here to see more information about PyGanic

SUMITOMO CHEMICAL
AgroSolutions Division

www.sumitomo-chem.com.au

Rules of thumb for best performance

PyGanic®

Ensure good spray coverage is achieved
PyGanic is a contact insecticide and requires thorough coverage for best results.

Buffer the spray water if required
Keep the pH of the spray solution between 5.5 and 7.0 for better results. Test pH and add buffer as required.

Apply with a non-ionic surfactant
Performance of PyGanic has been shown to improve when applied with a surfactant.

Apply in early morning, late evening or night
Reduced UV exposure and lower temperatures will increase performance and decrease the risk to pollinators.

Apply PyGanic before insects become entrenched or reach mature growth stages
Monitor crops closely and treat for the first appearance of insects. Pre-harvest flushing applications are best applied leading up to and immediately before harvest (ensure withholding periods are observed).

Apply PyGanic when target insects are active
Target times when the insect pests are visible and actively moving to increase direct contact.

Consider multiple applications
Trial work has shown that 2 or more applications of PyGanic 3 to 5 days apart significantly improves the final result, for both pre-harvest clean-up and in-season applications.

PyGanic as a pre-harvest clean-up spray in fresh produce

Insect contamination in fresh and processed produce is a significant recurring problem for vegetable and fruit growers and processors. Insect contamination causes rejections and lost sales for growers, adds cost for processors and results in bad publicity for retailers.

Recently there have been numerous consumer complaints about redback spiders (*Latrodectus hasselti*) in broccoli.

PyGanic used at label rates immediately prior to harvest (3 to 12 hours) is very effective at flushing spiders and other insects from the crop for cleaner non contaminated produce.

Redback spider contamination in broccoli. Photo: Dee Nott

PyGanic used immediately prior to harvest can significantly reduce the risk of insect contamination in fresh and processed produce. Photo: Daily Mail

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