

PyGanic[®] 5.0

Organic insecticide for immediate control of the most destructive crop and livestock pests



PyGanic 5.0 Features

- **Organically-compliant. OMRI Listed and meets USDA's NOP requirements**
- **Zero pre-harvest interval and no annual application restrictions**
- **Very short 12-hour field re-entry interval**
- **Suitable for insect control on livestock, poultry and in dairy facilities**
- **Concentrated formulation reduces shipping/packaging costs for large-scale producers**

MGK's PyGanic 5.0 is ideal for larger-scale applications and for higher-volume and higher-frequency users.

For fast, consistent knockdown and kill on virtually any crop, at any time, MGK's PyGanic 5.0 delivers immediate results. PyGanic 5.0 is an organic-compliant insecticide that kills a broad spectrum of crop insects such as aphids, thrips, lygus and leafrollers, and livestock pests such as stable flies, ticks and fleas, but requires no pre-harvest interval or restrictions on the number of applications that can be made per year.

PyGanic 5.0 is concentrated and packaged in convenient quart and gallon containers for more efficient shipping, handling and distribution for large field or orchard applications.

MGK's Crop Protection Botanical Series Solutions

MGK's Crop Protection Botanical Series is the right choice for growers who are concerned about the environment and their field workers, but also want a more effective range of botanical insecticide options for the control of hard-to-kill insects. MGK Crop Protection products use softer botanically-derived active ingredients so they have a lower impact on the environment, but a higher impact on pests.

Ask for MGK products.



1-800-645-6466 / www.mgk.com



 For Organic Production

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Product Specifications

- **Packaging** – Quarts (6 per case), Gallons (2 per case)
- **Food Handling** – Not for use in food areas
- **Active Ingredients** – Pyrethrins
- **Flammability** – Not classified as flammable or combustible by OSHA
- **Mode of Action** – Sodium channel modulator – disrupts insects' nervous system
- **Class of Chemistry** – Pyrethrins
- **Respirator Required** – Respirators required for fogging in enclosed areas such as greenhouses
- **Mix or Dilute in** – Water only
- **Activity** – Quick knockdown, contact kill that flushes insects from hiding

Insects Killed

PyGanic 5.0 is a trusted, reliable organic insect control solution for the most pervasive and destructive crop and livestock pests. PyGanic 5.0 can be used on more than 150 insects including:

- Aphids
- Fleas
- Katydid
- Squash Bugs
- Stable Flies
- Thrips
- Horn Flies
- Ticks
- Leafhoppers
- Whiteflies

PyGanic 5.0 is a great Organic tank mix partner.

Tips for Best Performance

- **Buffer the pH of the PyGanic 5.0 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 pests.
- **PyGanic 5.0 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 target insects.
- **PyGanic 5.0 may be applied in conjunction with a spreader or wetting agent**
While PyGanic 5.0 should be compatible with most products, conducting a small-scale test to ensure the lack of phytotoxicity of the combination is recommended.
- **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.
- **For most situations, start at the “mid” application rate for PyGanic 5.0**
In general using PyGanic 5.0 at the rate of 9 fluid ounces per acre provides excellent knockdown and kill of insects. Conditions under which increasing the rate used per acre are recommended are – (1) extremely high insect populations – or (2) when the insect population is dominated by late-stage immatures or adults.
- **Carefully monitor insect populations and apply when insects are in their early life stage**
Monitor your crops for the first appearance of insects and treat the insects during the early stages of colonization.
- **Tank mix PyGanic 5.0 with other products**
PyGanic 5.0 adds quick knockdown and kill, broad spectrum control and resistance managements benefits to other crop protection products such as Bt's, Azadirachtin, Spinosad and Neem Oils.
- **Apply PyGanic 5.0 when target insects are active**
Apply when the target insects are active to increase the direct contact during the early stages of colonization.
- **Remove beneficial insects or apply when beneficial insects are not present.**

For more information contact your PCA or visit www.MGK.com/Crop-Protection