

PyGanic®

Organic insecticide for rapid knockdown and kill of the most destructive crop and livestock pests



PyGanic 5.0

PyGanic 1.4

PyGanic Features

- **Organically compliant. OMRI Listed and meets USDA's NOP requirements**
- **Zero PHI and 12-hour REI**
- **Provides immediate knockdown and kill of over 200 insects on virtually all growing crops**
- **Suitable for insect control on livestock, poultry and in dairy facilities**
- **PyGanic 5.0 is a concentrated formulation reducing shipping/packaging costs for large-scale producers**
- **PyGanic 1.4's affordable price point is ideal for smaller acreage and occasional usage**

PyGanic®

Real Organic Results. Real Fast.

MGK's PyGanic 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 delivers rapid results. PyGanic 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 and can be used frequently throughout the growing season.

PyGanic comes in two different concentration levels (1.4% and 5.0 %) and is 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 / MGK.com  @mgkcropprotect



 For Organic Production

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Product Specifications

- **Packaging** – Pyganic 1.4: Quarts (6 per case), Gallons (4 per case)
Pyganic 5.0: 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 is a trusted, reliable organic insect control solution for the most pervasive and destructive crop and livestock pests. PyGanic can be used on more than 150 insects including:

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

PyGanic is a great Organic tank mix partner.

	Minimum Rate	Most Common Rate	Medium-High Rate	Maximum Rate
PyGanic 5.0	4.5 fl. oz. Per Acre	9 fl. oz. Per Acre	13.5 fl. oz. Per Acre	17 fl. oz. Per Acre
Acres per Quart	7	3.5	2.4	1.8
Acres per Gallon	28.4	14.2	9.5	7.5
PyGanic 1.4	16 fl. oz. Per Acre	32 fl. oz. Per Acre	48 fl. oz. Per Acre	64 fl. oz. Per Acre
Acres per Quart	2	1	0.67	0.5
Acres per Gallon	8	4	2.7	2

Tips for Best Performance

- **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 pests.
- **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 target insects.
- **PyGanic may be applied in conjunction with a spreader or wetting agent**
While PyGanic 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**
In general using PyGanic 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 with other products**
PyGanic adds quick knockdown and kill, broad spectrum control and resistance management benefits to other crop protection products such as Bt's, Azadirachtin, Spinosad and Neem Oils.
- **Apply PyGanic 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 MGK.com/Crop-Protection



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