

# Technical Bulletin



Pyganic® Specialty is an OMRI Listed insecticide that meets USDA NOP requirements and delivers rapid knockdown and kill of more than 140 insects. This non-synergized and non-persistent active ingredient provides effective control for sensitive environments.

## Features and Benefits

- Flushes insects from harborage, including cockroaches
- Zero-day PHI and 12-hour REI
- Labelled for use on over 200 crops and ornamentals
- OMRI Listed and meets USDA NOP requirements for organic production
- No withholding time periods for use before animal processing

## Product Specifications

|                             |                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------|
| <b>Key Target Pest(s)</b>   | Flies, lice, darkling beetles, mosquitoes, and garden pests                                       |
| <b>Signal Word</b>          | Caution                                                                                           |
| <b>Form</b>                 | Concentrate                                                                                       |
| <b>Active Ingredient(s)</b> | Pyrethrins                                                                                        |
| <b>Class of Chemistry</b>   | Pyrethrins/Pyrethroids (3A)                                                                       |
| <b>Activity</b>             | Knockdown, kills by contact                                                                       |
| <b>Mode of Action</b>       | Sodium channel modulator                                                                          |
| <b>Stability</b>            | If frozen, thaw and shake before use                                                              |
| <b>Flammability</b>         | Not listed as flammable or combustible                                                            |
| <b>Odor</b>                 | Sweet                                                                                             |
| <b>PPE Requirements</b>     | Long pants, long sleeves, shoes and socks, chemical resistant gloves; respirator (enclosed areas) |
| <b>Retreat Interval</b>     | 1 day (extreme pest pressure); 3 days                                                             |
| <b>Mix or Dilute In</b>     | Water                                                                                             |
| <b>Shelf Life</b>           | 2 years in ideal storage conditions                                                               |



Scan the QR code or visit  
[mgk.com/pyganic-specialty](http://mgk.com/pyganic-specialty)  
to see resources and  
additional information.

## Use Sites

### Livestock Areas

- Livestock housing
- Exotics
- Poultry housing
- On and over animal
- Automatic spraying systems

### Field and Orchard Crops

### Greenhouses and Nurseries

- Growing crops
- Greenhouse, ornamental flower and foliage plants
- Vegetable and truck gardens

## Packaging

- 1 quart bottle (6 per case)
- 1 gallon bottle (2 per case)



**Application Methods**

- Crack and crevice
- Foliar spray
- Soil drench
- Space spray
- Spot treatment
- Surface spray

**Recommended Equipment**

- Backpack mist blower
- Chemigation
- Compressed air sprayer
- Mechanical fogging equipment
- Power sprayer
- Ultra-low volume (ULV) equipment

**Pyganic Specialty Tips and Tricks From the MGK Technical Department**

- The final spray mix to a pH between 5.5 and 7.0. Outside this range, pyrethrins may degrade, reducing effectiveness.
- Pyrethrins break down quickly in sunlight. For best results, ensure direct contact with as many pests as possible during application.
- To avoid possible harm to honeybees and other beneficial insects, apply when the non-target insects are least active.
- Pyganic Specialty contains oil. When applying to crops or other plants, wait several days before applying sulfur to prevent plant burning.
- Insects such as flies are easier to control before a population blooms. Use a monitoring system with an action threshold to help you gauge timing for insecticide treatments.
- Use as part of a comprehensive integrated pest management (IPM) program. Combine insecticide use with nonchemical control methods, such as sanitation.

**MGK Sustainability in Action**

- Concentrated formulation to reduce packaging and transportation energy
- Container is HDPE and 100% recyclable
- Shipping cartons and paper labels are sourced from Sustainably Managed Forests
- Formulated in a production facility that uses 100% renewable energy
- Responsibly sourced ingredients, like pyrethrum from Tanzania, supports long-term prosperity for smallholder farmers and drives economic growth in their communities



**Always read and follow all label instructions.** For any medical or safety questions, concerns or incident reports, call 1.888.740.8712.

EPA Registration Number: 1021-1772

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