

FOR EMERGENCY USE ONLY

For sale and use only in Ontario for control of *Nesidiocoris tenuis* on greenhouse grown tomatoes and greenhouse grown cucumbers from April 17, 2026 to April 16, 2029

PYGANIC[®] Crop Protection EC 1.4 II

Group **3** Insecticide

AGRICULTURAL
INSECTICIDE

COMMERCIAL

EMULSIFIABLE CONCENTRATE

REGISTRATION NO. 30164 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

- For use on organic growing crops as described below
- Provides rapid knockdown & kill of plant pests as described below
- Contains pyrethrum – a botanical insecticide derived from chrysanthemums

ACTIVE INGREDIENT:

Pyrethrins 1.40%

MGK[®] and PYGANIC[®] - Registered trademarks of McLaughlin Gormley King Company

KEEP OUT OF REACH OF CHILDREN

POTENTIAL SKIN SENSITIZER

Net Contents: 1 L - Bulk

Manufactured by:



7325 Aspen Lane North
Minneapolis, MN 55428
U.S.A.

(763) 544-0341

EPA Est. No. 1021-MN-2

Valent Canada Inc., 201-230 Hanlon Creek Blvd., Guelph, Ontario N1C 0A1, (519) 767-9262

FIRST AID:

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Avoid breathing vapors or spray mist. Avoid contact with skin or eyes. In case of contact, flush with plenty of water. Obtain medical attention if irritation persists. This pesticide may cause skin sensitization reactions in certain individuals. DO NOT eat, drink or smoke/vape while using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum/tobacco, smoking/vaping, using the toilet or handling mobile devices.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

Personal Protective Equipment (PPE)

Groundboom application: Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab.

Mechanically Pressurized Handgun: Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks, shoes, and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides, or a NIOSH-approved canister approved for pesticides during mixing, loading, application, clean-up and repair. Wear eye, head and respiratory protection when applying above waist height, including overhead.

Handheld Airblast/Mistblower (droplet sizes 0.1-100 µm): For mixing and loading, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. For application using handheld airblast/mistblower equipment wear chemical-resistant coveralls with a chemical-resistant hood over long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear, and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH approved canister approved for pesticides. When using handheld airblast/mistblower, DO NOT handle more than 0.05 kg ai (3.87 L of Pyganic Crop Protection EC 1.4 II) per person per day. These restrictions are in place to minimize exposure to individual applicators. Application may need to be performed over multiple days or using multiple applicators. Wear eye, head and respiratory protection when applying above waist height, including overhead.

For all other application equipment, including chemigation equipment, backpack spray devices or manually pressurized handwand application equipment: Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Wear eye, head and respiratory protection when applying above waist height, including overhead.

If the product comes in contact with clothing/PPE, remove all contaminated clothing/PPE, wash the outside of gloves with soap and water before removing, wash contaminated skin with soap and water, and then dress in clean clothing. Launder contaminated clothing/PPE regularly and separately from other laundry. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Heavily contaminated or drenched clothing and other absorbent materials contaminated with this product should be discarded. DO NOT reuse them.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

Toxic to aquatic organisms.

Toxic to bees and other beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). May harm bees and other beneficial arthropods, including those used in greenhouse production. Avoid application when bees or other beneficial arthropods are in the treatment area.

DIRECTIONS FOR USE:

USE LIMITATIONS

- Apply this product only as specified on this label.
- DO NOT contaminate food or feedstuffs.
- DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift.
- DO NOT wet plants to the point of runoff or drip.

Directions:

pH: It is recommended that the final mix be buffered to a pH of 5.5 – 7.0.

Phytotoxicity: Plant safety is an important consideration when using insecticides. It is not possible to evaluate the phytotoxicity of PYGANIC® Crop Protection EC 1.4 II towards numerous plant varieties that may react differently to insecticides in different growth stages or under varying environmental conditions. Before making widespread applications of PYGANIC Crop Protection EC 1.4 II, treat a limited number of plants and observe for phytotoxicity over a 10-day period.

DO NOT allow releases, effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds, or other waters.

APPLY ON LISTED CROPS ACCORDING TO INDICATED APPLICATION RATES:

Apply in sufficient spray volume to ensure complete and thorough coverage of all plant surfaces. Monitor for pest presence and apply when pests are first observed; DO NOT wait until plants are heavily infested. Repeat application if necessary, as indicated by monitoring, but DO NOT reapply within the minimum indicated reapplication intervals.

Preharvest interval: The harvest of all labelled crops is permitted on the day of application.

Crop	Pest	Application Rate	Comments and Restrictions
Greenhouse Tomato	<i>Nesidiocoris tenuis</i>	2.32 – 4.65 L/ha (30-60 g a.i./ha) Foliar using ground spray equipment	DO NOT reapply within 3 days. 1 to 2 crop cycles per year. DO NOT apply more than 10 applications per cropping cycle Toxic to bees and other beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). May harm bees and other beneficial arthropods, including those used in greenhouse production. Avoid application when bees or other beneficial arthropods are in the treatment area.
Greenhouse Cucumber			DO NOT reapply within 3 days. 2 to 6 crop cycles per year. DO NOT apply more than 10 applications per cropping cycle Toxic to bees and other beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). May harm bees and other beneficial arthropods, including those used in greenhouse production. Avoid application when bees or other beneficial arthropods are in the treatment area.

APPLICATION DIRECTIONS

- Mix only enough for immediate use.
- Dilute PyGanic Crop Protection EC 1.4 II in sufficient water for thorough coverage.
- Adjust spray solution to pH of 5.5 – 7.0, if outside that range.
- Apply product promptly after mixing.
- Complete coverage of all leaf surfaces is essential for optimum results, but DO NOT wet plants to the point of runoff or drip.
- If the mixture is not applied immediately after mixing, agitate before application.
- DO NOT apply when wind speed favours drift beyond the area intended for treatment.

- If possible, apply in the early morning or evening hours; the reduced UV exposure and lower temperatures will increase performance and reduce the impact on pollinators.

This product may be tank mixed with a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. DO NOT tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact MGK at (763) 544-0341 for information before applying any tank mix that is not specifically recommended on this label.

RESISTANCE MANAGEMENT

For resistance management, PYGANIC® Crop Protection EC 1.4 II contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to PYGANIC® Crop Protection EC 1.4 II and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides is used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

- Where possible, rotate the use of PYGANIC® Crop Protection EC 1.4 II or other Group 3A insecticides with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that is effective on the target pest when such use is permitted.
- Insecticide use should be based on an IPM program that includes scouting and record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact MGK at (763) 544-0341 or at www.mgk.com.

STORAGE:

Store this product away from food or feed and in a cool dry place. Keep container closed.

DISPOSAL:

Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty, rinsed container unsuitable for further use. Dispose of the container in accordance with provincial requirements.

For returnable containers

DO NOT reuse this container for any other purpose. This empty container may be returned to the point of purchase (distributor/dealer) for disposal.

For containers that can be refilled for the user by the distributor/dealer

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. DO NOT reuse this container for any other purpose.

For information on disposal of unused, unwanted product, contact the registrant or the provincial regulatory agency. Contact the registrant and the provincial regulatory agency in the case of a spill, and for clean-up of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

EMERGENCY TELEPHONE NUMBER:

In case of Medical emergencies or health and safety inquiries, or in case of fire, leaking or damaged containers, information may be obtained by calling **1-888-740-8712**.