2023-5379 2024-04-26 Based on 2023-1160

This label has been updated according to the re-evaluation decision of Pyrethrins RVD2023-06. While users are encouraged to follow this updated label immediately, the previously approved label is valid until 03-02-2025 in accordance with the phase out period set out in the re-evaluation/special review decision of Pyrethrins RVD2023-06. This previously approved label will be provided upon request by emailing hc.pmra.info-arla.sc@canada.ca. In your email please include the product name and Registration number of the label you are requesting.

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 and ornamentals 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	f McLaughlin Gormley King Company

KEEP OUT OF REACH OF CHILDREN
POTENTIAL SKIN SENSITIZER

Net Contents: 1 L - Bulk

Manufactured by:

**OFF OF THE PROOF OF THE

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:

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

Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

Personal Protective Equipment (PPE)

Groundboom or Airblast 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.

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 wear chemical-resistant coveralls over long-sleeved shirt, long pants, chemical-resistant hood, chemical-resistant footwear, socks, chemical-resistant gloves, 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. DO NOT handle more than 0.05 kg ai (3.87 L of Pyganic) 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.

For all other application equipment, including chemigation equipment (cranberries only), 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.

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. Wash with soap and warm water after use. Obtain medical attention if irritation persists. This pesticide may cause skin sensitization reactions in certain individuals. Avoid contamination of food or feedstuffs.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

This product contains active ingredients which are TOXIC to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to bees. Bees may be exposed through direct spray, spray drift, and residues on leaves, pollen and nectar in flowering crops and weeds. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Avoid applications when bees are foraging in the treatment area in ground cover containing blooming weeds. To further minimize exposure to pollinators, refer to the complete guidance "Protecting Pollinators during Pesticide Spraying – Best Management Practices" on the Health Canada website (www.healthcanada.gc.ca/pollinators). Follow crop specific directions for application timing.

For crops that are highly attractive to pollinators (Highbush blueberry, raspberry, Low Growing Berry Subgroup (CG 13- 07G) Bearberry; Bilberry; Blueberry, lowbush; Cloudberry; Cranberry; Lingonberry; Muntries; Partridgeberry, roses) or when using managed bees for pollination services: **DO NOT** apply during the crop blooming period.

For all other crops: Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to evening when most bees are not foraging.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland. Pyrethrins may impact predatory and parasitic arthropod species used in IPM programs within the treatment area. Unsprayed refugia for beneficial species of at least 1 metre from treatment area will help maintain beneficial arthropod populations.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

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.
- Do not apply in greenhouses
- To protect pollinators, follow the instructions regarding bees in the ENVIRONMENTAL PRECAUTIONS section.

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. Slight to moderate foliar phytotoxicity (leaf discolouration) has been reported after repeated applications of PYGANIC Crop Protection EC 1.4 II on some cultivars of strawberry.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

<u>Field sprayer application</u>: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) fine classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

<u>Chemigation</u>: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Applications **MUST** be conducted **WITHOUT** the use of end guns.

Page 2 of

DO NOT apply by air.

Spray Buffer Zones:

A spray buffer zone is NOT required for uses with hand-held application equipment permitted on this label.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

			Spray Buffer Zones (metres) Required for the Protection of:			
Method of application	Crop	Freshwater Hal Depths:	Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:	
аррисации	pplication		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Chemigation	Cranberry		15	2	4	2
Ground boom sprayer	Low Growing Berry Group (bearberry, bilberry, blueberry lowbush, CSG 13-07B Bushberries, cloudberry, cranberry, lingonberry, Muntries, partridgeberry, strawberry), hops, broccoli, curcurbit vegetables (CG-9), carrot, onion (dry bulb), leafy vegetables (CG 4-13), herbs and spices (CG-19), pepper		40	5	15	5
	Pinto bean, snap bean, wax bean, tomato and rose		25	4	15	5
	CSG 13-07B	Early airblast	45	15	35	25
hi Bl	(including highbush Blueberry), grape, raspberry,	Late airblast	35	10	25	15
	Cherry	Early airblast	50	25	35	25
		Late airblast	40	15	25	15

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

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 .

Сгор	Pest	Application Rate	Comments and Restrictions
Pinto bean, Snap	Aphids,	2.32 – 4.65 L/ha	
bean, Wax bean	Beet armyworm, Cabbage Looper, Leafhoppers,	(30-60 g a.i./ha)	Do not reapply more often than every 7 days.
	Mexican bean beetle,		ludys.
	Spotted cucumber beetle,		Do not apply more than 8 times per
	Striped cucumber beetle		season. Do not apply more than 37.2 L/ha
Field tomato	Aphids,		(480 g a.i./ha) per growing season.
	Beet armyworm, Cabbage		
	Looper, Leafhoppers		
	Spotted cucumber beetle,		
	Striped cucumber beetle		
Highbush	Aphids, Leafhoppers		
blueberry,			
Grape,			
Raspberry			
Rose	Aphids		

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than MCLAUGHLIN GORMLEY KING COMPANY (MGK) under the User Requested Minor Use Label Expansion program. For these uses, MGK has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

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
Broccoli	Aphids Beet armyworm Cabbage looper Diamondback moth Imported cabbageworm Spotted cucumber beetle Swede midge (suppression)	2.32 – 4.65 L/ha (30-60 g a.i./ha)	Do not reapply more often than every 3 days. Do not apply more than 10 times per growing season. Do not apply more than 46.5 L/ha (600 g a.i./ha) per growing season.

Crop	Pest	Application Rate	Comments and Restrictions
Carrot	Aphids Leafhoppers Beet Armyworm Cabbage Looper Cutworms	2.32 – 4.65 L/ha (30-60 g a.i./ha)	Do not apply more than 10 times per season. Do not apply more than 46.5 L/ha (600 g a.i./ha) per season. Do not reapply more often than every 3 days.

Crop	Pest	Application Rate	Comments and Restrictions
Hops	Aphids Leafhoppers	2.32 – 4.65 L/ha (30-60 g a.i./ha)	Do not reapply more often than every 3 days. Do not apply more than 10 times per growing season. Do not apply more than

7477_30164_0620_CANADA Page 4 of

			46.5 L/ha (600 g a.i./ha) per growing
			season.
Cron	Pest	Application Data	Comments and Bostwistians
Crop Onion, dry bulb	Onion Thrips (suppression) Beet Armyworm Leafhoppers	2.32 – 4.65 L/ha (30-60 g a.i./ha)	Comments and Restrictions Do not reapply more often than every 3 days. Do not apply more than 10 times per season. Do not apply more than 46.5 L/ha (600 g a.i./ha) per season.
Crop	Pest	Application Rate	Comments and Restrictions
Pepper	European Corn Borer Aphids Beet Armyworm Cabbage Looper Leafhoppers Spotted Cucumber Beetle Striped Cucumber Beetle	2.32 – 4.65 L/ha (30-60 g a.i./ha)	Do not reapply more often than every 3 days. Do not apply more than 10 times per growing season. Do not apply more than 46.5 L/ha (600 g a.i./ha) per growing season.
Cuon	Doot	Application Data	Comments and Bestvictions
Crop Strawberry	Pest Lygus Bugs	Application Rate 2.32 – 4.65 L/ha	Comments and Restrictions Do not reapply more often than every 3
Ottawberry	(suppression)	(30-60 g a.i./ha)	days. Do not apply more than 10 times per growing season. Do not apply more than 46.5 L/ha (600 g a.i./ha) per growing season.
Crop	Pest	Application Rate	Comments and Restrictions
LEAFY VEGETABLES (CG 4-13) Amaranth (Chinese), Amaranth (leafy), Arugula, Aster (Indian), Blackjack, Broccoli raab, Broccoli (Chinese), Cabbage (Abyssinian), Cabbage (seakale), Cat's Whiskers, Cham-chwi, Cham-na-mul, Chervil (fresh leaves), Chinese cabbage (bok choy), Chipilin, Chrysanthemum (garland), Cilantro (fresh leaves), Collards, Corn salad (including Lamb's lettuce and Italian Corn	Beet armyworm Cabbage Looper Cutworms Diamondback Moth Imported Cabbageworm	2.32 – 4.65 L/ha (30-60 g a.i./ha) Lygus bugs: 4.65	Repeat application if necessary, as indicated by monitoring, but do not reapply within 3 days. Do not apply more than 10 times per season. Do not apply more than 46.5 L/ha (600 g a.i./ha) per season.

7477_30164_0620_CANADA

Page 5 of

(Malabar), Spinach (New		
Zealand), Spinach (tree),		
Swiss chard, Tanier spinach,		
Turnip greens, Violet		
(Chinese), Watercress.		

Crop	Pest	Application Rate	Comments and Restrictions
Field Cucurbit Vegetables (CG-	Aphids	2.32 – 4.65 L/ha	Do not reapply more often than every 3
9)	Cabbage Loopers	(30-60 g a.i./ha)	days. Do not apply more than 10 times per
Chinese waxgourd (Chinese	Spotted cucumber beetle		growing season. Do not apply more than
preserving melon); citron melon;	Striped cucumber beetle		46.5 L/ha (600 g a.i./ha) per growing
cucumber; gherkin; edible gourd	Leafhoppers		season.
(includes hyotan, cucuzza,			
hechima, Chinese okra);			
Momordica(includes balsam			
apple, balsam pear, bitter melon			
Chinese cucumber); muskmelon			
(includes true cantaloupe,			
cantaloupe, casaba, crenshaw			
melon, golden pershaw melon,			
honeydew melon, honey balls,			
mango melon, Persian melon,			
pineapple melon, Santa Claus			
melon and snake melon);			
pumpkin, summer squash			
(includes crookneck squash,			
scallop squash, straightneck			
squash, vegetable marrow,			
zucchini); winter squash			
(includes butternut squash,			
calabaza, hubbard squash,			
Cucurbita mixta, C. pepo, acorn			
squash, spaghetti squash);			
watermelon (includes hybrids			
and/or varieties of <i>Citrullus</i>			
lanatus)			

Crop	Pest	Application Rate	Comments and Restrictions
Cherries (Crop Subgroup 12- 09A) Sweet cherry; Tart cherry;	Aphids	2.32 – 4.65 L/ha (30-60 g a.i./ha)	Do not reapply more often than every 3 days. Do not apply more than 10 times per
Nanking cherry, Black cherry,		(22 22 3	growing season. Do not apply more than
Capulin; Cultivars, varieties, and hybrids of these commodities			46.5 L/ha (600 g a.i./ha) per growing season.
Crop	Pest	Application Rate	Comments and Restrictions
Low Growing Berry Subgroup	Aphids	2.32 – 4.65 L/ha	Do not reapply more often than every 3
(CG 13-07G) Bearberry;	Leafhoppers	(30-60 g a.i./ha)	days. Do not apply more than 10 times per
Bilberry; Blueberry, lowbush;	Leafrollers	, -	growing season. Do not apply more than
Cloudberry; Cranberry;	Leaftiers		46.5 L/ha (600 g a.i./ha) per growing
Lingonberry; Muntries;	Spanworms		season.
Partridgeberry; Strawberry;	Blackheaded fireworm		For chemigation application (cranberry
Cultivars, varieties and/or	Sparganothis fruitworm		only) see: Direction For Chemigation on
hybrids	(first generation only)"		Cranberry.

Crop	Pest	Application Rate	Comments and Restrictions
	Japanese Beetle (adults)	2.32 – 4.65 L/ha	
Grape		(30-60 g a.i./ha)	Monitor for pest presence and apply when pests are first observed; do not wait until
Raspberry		Apply in sufficient spray volume to	plants are heavily infested. Repeat application if necessary, as indicated by
Bushberries (CG13-07B) aronia		ensure complete and	monitoring.
berry, blueberry (highbush,		thorough coverage of	
lowbush), buffalo currant,		all plant surfaces.	Do not reapply more often than every 7

7477_30164_0620_CANADA Page 6 of

Chilean guava, currant (black,		days.
red), elderberry, European		
barberry, gooseberry, highbush		Do not apply more than 8 times per
cranberry, edible honeysuckle,		season. Do not apply more than 37.2 L/ha
huckleberry, jostaberry,		(480 g a.i./ha) per year.
juneberry (Saskatoon berry),		
lingonberry, native currant,		
salal, sea buckthorn, cultivars,		
varieties and/or hybrids of		
these."		

Pest	Application Rate	Comments and Restrictions
Earwigs	2.32 – 4.65 L/ha (30-60 g a.i./ha) 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. Do not reapply more often than every 7 days. Do not apply more than 8 times per season. Do not apply more than 37.2 L/ha (480 g a.i./ha) per year.
		Earwigs 2.32 – 4.65 L/ha (30-60 g a.i./ha) Apply in sufficient spray volume to ensure complete and thorough coverage of

Crop	Pest	Application Rate	Comments and Restrictions
Crop Group 19 – Herbs and Spice: Angelica; Anise (anise seed); Balm (lemon balm); Basil; Borage; Burnet; Camomile; Caraway; Caraway, black; Catnip; Celery seed; Chervil (dried); Chive; Chive, Chinese; Clary; Coriander (cilantro or Chinese parsley) (leaf); Coriander; cilantro) (seed); Costmary; Cumin; Dill (dillweed); Dill (seed); Fennel (common); Fennel, Florence (seed); Fenugreek; Horehound; Hyssop; Juniper berry; Lavender; Lemongrass; Lovage (leaf); Lovage (seed); Marigold; Marjoram (includes sweet or annual marjoram, wild marjoram or oregano and pot marjoram); Mustard (seed); Nasturtium; Parsley (dried); Pennyroyal; Poppy (seed); Rosemary; Rue; Saffron; Sage; Savory, summer and winter; Sweet bay (bay leaf); Tansy; Tarragon; Thyme; Wintergreen; Woodruff; Wormwood	Aphids Cutworms Cabbage Loopers Leafhoppers	2.32 – 4.65 L/ha (30-60 g a.i./ha)	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 3 days. Do not apply more than 10 times per year. Do not apply more than 46.5 L/ha (600 g ai/ha) per year. Apply in sufficient spray volume to ensure complete and thorough coverage of all plant surfaces. For cutworms, activity is greatest during the late evening and night. Application should be timed as close as possible to insect feeding activity.

7477_30164_0620_CANADA Page 7 of

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.

CROP ROTATION:

Where applicable, a rotational plant-back interval of 30 days must be observed for crops not listed on the label.

Directions for Chemigation on Cranberry

DO NOT apply PYGANIC Crop Protection EC 1.4 II by chemigation to other crops listed on this label. PYGANIC Crop Protection EC 1.4 II may be applied through a solid set overhead sprinkler irrigation system that will apply water uniformly and within the confines of a closed perimeter of dykes. Do not apply this product through any other type of irrigation system. Sprinkler systems that deliver a low coefficient of uniformity such as certain water drive units are not recommended. Non-uniform distribution of treated water may reduce effectiveness or result in illegal pesticide residues on the crop.

Proper calibration of the chemigation system is essential to deliver the desired rate per hectare in a uniform manner and to minimize wash-off time. If you have questions about calibration, contact the equipment manufacturer or other expert.

Equipment Requirements

- The system must contain an air gap, or approved backflow prevention device, or approved functional check valve, vacuum relief valve (including inspection port), and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow unless the water is from a man-made self-contained source on private land.
- The pesticide injection pipeline must contain a functional, automatic quick-closing check valve or one-way valve to prevent the flow of fluid back toward the injection pump. A secondary containment system around the injection port area must be in place.
- The pesticide injection pipeline must also contain a functional, normally closed, valve located on the intake side of the injection system to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down
- The system must contain functional interlocking controls to automatically shut off the pesticide injection when the water pressure drops or water flow stops. Alternatively, in the absence of such an automatic system, the injection procedure must be continuously monitored by an operator who is able to manually shut off pesticide injection under the same circumstances.
- Systems must use a metering device, such as a positive displacement injection pump (or flow meter on eductor) effectively
 designed and compatible with pesticides and capable of being fitted with a system interlock.
- The tank holding the insecticide mixture should be free of rust, fertilizer, sediment, and foreign material, and equipped with an inline strainer situated between the tank and the injection point.
- To insure uniform mixing of the insecticide in the water line, inject the mixture in the center of the pipe diameter or just ahead of an elbow or tee in the irrigation line so the turbulence created at those points will assist in mixing. The injection point must be located after all back-flow prevention devices on the water line unless the water is from a man-made self-contained source on private land.

Precautions

- **DO NOT** connect an irrigation system used for pesticide application to a public water system unless the required safety devices for public water systems are in place. Specific local regulations may apply and must be followed.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall operate the system and shall shut the system down to make necessary adjustments should the need arise.
- **DO NOT** apply this product through any other type of irrigation system.
- **DO NOT** apply by chemigation if the area to be treated is within 100 metres of a residential area or park.
- DO NOT apply when wind speed causes non-uniform distribution and/or favors drift beyond the area intended for treatment.
- **DO NOT** allow spray pattern to exceed the enclosed bed area.

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 container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup of spills.

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 information on disposal of unused, unwanted product, or in the case of a spill or spill clean-up, contact the manufacturer and the provincial regulatory agency.

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, or in the case of a spill or spill clean-up, contact the manufacturer and the provincial regulatory agency.

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**.