



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

1021-  
1751

Date of Issuance:

OCT 11 2000

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

PYGANIC Crop  
Protection EC 1.4

Name and Address of Registrant (include ZIP Code):

McLaughlin Gormley King Company  
8810 tenth Avenue N  
Minneapolis, MN 55427-4372

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No.1021-1751".
- b. Delete all references to the Organic Review Institute including statements, symbols and abbreviations.
- c. Delete the statement, "For use in organic crop protection".

Signature of Approving Official:

*See page 2*

Date:

*October 11, 2000*

page 2

EPA Reg. No. 1021-1751

d. Delete the statement, "This concentrate is relatively non-toxic to honey bees."

3. Submit two (2) copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

*Joseph M. Johnson*  
Marion J. Johnson, Jr.

Product Manager 10  
Insecticide Branch  
Registration Division (7505C)

Pyganic Crop 14 9-00B



PYGANIC™ Crop Protection EC 1.4

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4372 U.S.A.

TELEPHONE (763) 544-0341

Listed by the Organic Materials Review Institute (OMRI) for use in organic production.



- For use in organic crop protection
- For use on growing crops and ornamentals as described below
- This product can be sprayed at any season of the year
- Flushes insects & mites from hiding
- Provides rapid knockdown & kill of plant pests
- Contains pyrethrum – a botanical insecticide derived from chrysanthemums
- Approved for use on over 200 fruits and vegetables
- Can be tank mixed with other insect control products
- Non-persistent in the environment
- Can be used on day of harvest
- User friendly container for convenient and accurate use
- Non-flammable
- Controls more than 40 insects
- One gallon of product treats up to 8 acres
- Low odor
- Non-corrosive to spray equipment

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
OCT 11 2000**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
1021-1751**

ACTIVE INGREDIENT:		
Pyrethrins .....		1.40%
OTHER INGREDIENTS .....		98.60%
		<u>100.00%</u>

PYGANIC™ - Trademark of McLaughlin Gormley King Co.

KEEP OUT OF REACH OF CHILDREN

### CAUTION PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail)

#### STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED:** Call a physician or Poison Control Center immediately. Do not induce vomiting because of aspiration pneumonia hazard.
- IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.
- IF ON SKIN OR CLOTHING:** Wash skin with soap and warm water. Get medical attention if irritation persists.
- IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated.

For information regarding medical emergencies or pesticide incidents, call the International Poison Center at 1-888-740-8712.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

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.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants; Chemical-resistant gloves, such as, Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton; Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240 (d) (4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR, Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls;
- Chemical-resistant gloves, such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton;
- Shoes plus socks.

Do not apply this product through any type of chemigation system.

USED ALONE: Apply 16 ounces (1 pint) to 64 ounces (2 quarts) per acre by ground in sufficient water for thorough coverage. This product may be applied by air at the rate of 16 to 64 ounces per acre in a minimum of 5 gallons of water. Mix only enough for immediate use. Spraying should begin when the insects first appear. Do not wait until the plants are heavily infested. Repeat as required to maintain effective control. It is recommended that the final spray mix be buffered to a pH of 5.5-7.0.

USED AS A TANK MIX: This product may be tank mixed with other insecticides and acaricides to provide a flushing of insects from hiding and into contact with other spray residues. This application should conform to accepted use precautions and directs for both products.

This concentrate is relatively non-toxic to honey bees. To avoid possible harm to honey bees, it is advisable to apply in the early morning or late evening hours.

GROWING CROPS (OUTDOORS AND IN GREENHOUSES):

ROOT AND TUBER VEGETABLES: Including (but not limited to) Arracacha, Arrowroot, Purple Arrowroot, Japanese Artichoke, Jerusalem Artichoke, Beets, Sugar Beets, Edible Burdock, Carrots, Cassava (bitter or sweet), Celeriac (celery root), Chervil (turnip rooted), Chicory, Chuffa, Dasheen, Ginger, Ginseng, Horseradish, Leren, Parsley (turnip rooted), Parsnip, Potato, Radish, Japanese Radish (Daikon), Rutabaga, Salsify, Black Salsify, Spanish Salsify, Sweet Potato, Tanier, Turmeric, Turnip, Yam (true), Yam Bean.

LEAVES OF ROOT AND TUBER VEGETABLES: Including (but not limited to) Beet, Sugar Beet, Edible Burdock, Carrot, Cassava (bitter or sweet), Celeriac (celery root), Chervil (Turnip Rooted), Chicory, Dasheen, Parsnip, Radish, Japanese Radish (Daikon), Rutabaga, Black Salsify, Sweet Potato, Tanier, Turnip, Yam (true).

LEAFY VEGETABLES: Including (but not limited to) Amaranth (Leafy Amaranth, Chinese Spinach, Tampala), Arrugula, Celery, Celtuce, Chervil, Cilantro, Corn Salad, Chrysanthemum (edible leaved), Chrysanthemum (gardland), Cress (garden), Upland Cress (yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Fennel (Florence), Lettuce (head and leafy), Orach, Parsley, Purslane (garden & winter), Rhubarb, Spinach, Fine Spinach, Malabar, Ceylon, Spinach (New Zealand), Swiss Chard.

**BRASSICA (COLE) LEAFY VEGETABLES:** Including (but not limited to) Broccoli, Chinese Broccoli (Gai Lon), Broccoli raab (Rapini), Brussels Sprouts, Cabbage, Chinese Cabbage (Bok Choy), Chinese Mustard Cabbage (Gai Choy), Cauliflower, Collards, Kale, Kohlrabi, Mustard Greens, Rape Greens.

**LEGUME VEGETABLES (SUCCULENT OR DRIED):** Including (but not limited to) Adzuki Beans, Field Beans, Kidney Beans, Lima Beans, Moth Beans, Mung Beans, Navy Beans, Pinto Beans, Rice Beans, Runner Beans, Snap Beans, Tepary Beans, Urd Beans, Wax Beans, Asparagus Beans, Black-eyed Peas, Catjang, Chinese Longbeans, Cowpeas, Chowder Peas, Southern Peas, Yard-Longbeans, Broad Beans, (Fava Beans), Chick Peas (Garbanzo Beans), Guar, Jackbean (Sword Bean), Lablab Bean (Hyacinth Bean), Lentils, Peas (Garden Peas, Field Peas, Sugar Peas), Pigeon Peas, Soybeans.

**FOLIAGE OF LEGUME VEGETABLES:** Including (but not limited to) Plant part of any legume vegetable included in the legume vegetable group that will be used as animal feed including any variety of Beans, Field Peas, Soybeans.

**FRUITING VEGETABLES:** Including (but not limited to) Eggplant, Ground Cherry, Okra, Pepinos, Pepper (Bell Pepper, Chili Pepper, Cooking Peppers, Pimentos, Sweet Peppers), Tomatillo, Tomatoes.

**CUCURBIT VEGETABLES:** Including (but not limited to) Balsam Pear (Bitter Melon), Chinese Waxgourd, Citron Melon, Cucumber, Gherkin, Edible Gourds, Melons (including hybrids, Cantaloupe, Casaba, Crenshaw, Honeydew Melons, Honey Balls, Mango Melon, Muskmelon, Persian Melon), Pumpkin, Squash (summer & winter), Watermelon (including hybrids).

**CITRUS FRUITS:** Including (but not limited to) Calamondin, Citrus Citron, Citrus Hybrids, Grapefruit, Kumquats, Lemons, Limes, Mandarin (Tangerine), Orange (sweet & sour), Pummelo, Satsuma Mandarin.

**POME FRUITS:** Including (but not limited to) Apple, Crabapple, Loquat, Pear, Oriental Pear, Quince.

**STONE FRUITS:** Including (but not limited to) Apricot, Cherry (sweet & sour), Nectarine, Peach, Plum, Prune, Chickasaw Plum, Damson Plum, Japanese Plum.

**SMALL FRUITS AND BERRIES:** Including (but not limited to) Blackberry, Blueberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Grape, Huckleberry, Loganberry, Olallie Berry, Raspberry (black & red), Strawberry, Youngberry.

**ORIENTAL VEGETABLES:** Including (but not limited to) Japanese Artichoke, Chinese Broccoli (Gai Lan), Chinese Cabbage (Bok Choy), Chinese Mustard Cabbage (Gai Choy), Dasheen, Ginger, Ginseng, Chinese Longbeans, Mung Beans, Citron Melon, Balsam Pear (Bitter Melon), Japanese Radish (Daikon), Chinese Spinach, Chinese Waxgourd.

**ADDITIONAL CROPS:** Asparagus, Onions (bulb and green), Rice.

**ORNAMENTALS:** Including (but not limited to) African Violet, Aster, Azalea, Begonia, Calceolaria, Calendula, Calla, Camellia, Carnation, Cineraria, Chrysanthemum, Cypress, Daffodil, Dahlia, Dogwood, Elm, Eucalyptus, Fern, Ficus, Geranium, Gladiolus, Gypsophila, Holly, Juniper, Lily, Marigold, Oak, Palm, Peony, Petunia, Philodendron, Pine, Roses, Snapdragon, Sweet Pea, Tulips, Viburnum, Wandering Jew, Yew, Zinnia.

**FOR THE CONTROL OF INSECTS:** Including (but not limited to) Ants, Aphids, Armyworms, Asparagus Beetle, Blister Beetles, Cabbage Looper, Caterpillars, Cockroaches, 12-spotted Cucumber Beetle, Colorado Potato Beetles, Corn Earworm, Crickets, Cross-striped Cabbageworm, Cucumber Beetles, Deer Fly, Diamondback Larvae, Fireworms, Flea Beetles, Fruit Flies, Fruittree Leafroller, Grape Leafhopper, Green Peach Aphids, Greenhouse Thrips, Gypsy Moth (adults & larvae), Harlequin Bug, Heliothis sp., Imported Cabbageworm, Leafhopper, Leafrollers, Leaf-tiers, Lice, Mexican Bean Beetle, Potato Leafhopper, Psyllids, Skippers, Stink Bugs, Thrips, Vinegar Flies, Webworms, and Whiteflies.

<b>STORAGE AND DISPOSAL</b>
Do not contaminate water, food, or feed by storage or disposal.
<b>STORAGE:</b> Store in a cool, dry place. Keep container closed.
<b>PESTICIDE DISPOSAL:</b> Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
<b>CONTAINER DISPOSAL:</b> Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved State and Local procedures.

<b>STORAGE AND DISPOSAL</b>
<b>STORAGE:</b> Store in a cool, dry place inaccessible to children. Keep container closed.
<b>DISPOSAL:</b> Do not reuse empty container. Wrap container in several layers of newspaper and discard in garbage.

Net Contents \_\_\_\_\_  
Manufactured by:  
Mc LAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North  
Minneapolis, MN 55427