

74267-2

03/15/2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511P)
1200 Pennsylvania Avenue NW
Washington, DC 20460

NOTICE OF PESTICIDE REGISTRATION

Registration
 Reregistration
(under FIFRA, as amended)

EPA Reg. Number:

74267-2

Date of Issuance:

MAR 15 2012

Unconditional

Term of Issuance:

Name of Pesticide Product:

GHA 180 Biological Fungicide

Name and Address of Registrant (include ZIP Code):

Premier Horticulture Ltd
c/o Gary Libman, Principal
GNL Consultation Services
25 Casa Hermosa
Albuquerque, NM 87112

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 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 or her 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 registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

- 1. Submit two (2) copies of the revised final printed labeling before you release the product for shipment

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

Signature of Approving Official:

W. Michael McDavit, Associate Director
Biopesticides and Pollution Prevention Division (7511P)

Date:

MAR 15 2012

EPA Form 8570-6

CONCURRENCES

SYMBOL	▶ 7511P						
SURNAME	▶ S. Grand						
DATE	▶ 3/13/12						

EPA Form 1320-1A (1/90)

OFFICIAL FILE COPY

GHA 180

Biological Fungicide
An aqueous suspension For greenhouse use

(alternate brand name: GHA 180)

CAUTION:
KEEP OUT OF REACH OF CHILDREN
See Additional Precautionary Statements on Back Panel

<p>ACTIVE INGREDIENT: <i>Bacillus pumilus</i>, strain GHA180*0.37 % INERT INGREDIENTS.....99.63 % Total.....100.00 %</p> <p>*Contains a minimum of 1×10^9 viable spores/ml (3.78×10^{12} viable spores/gallon)</p>	<p>EPA Reg. No. 74267-2 EPA Establishment No. XXXXXX</p>
<p>www.premiertech.com</p>	

GHA180 contains a *Bacillus pumilus* bacteria which colonize developing root systems and suppress disease-causing organisms, such as *Pythium*, *Fusarium* and *Rhizoctonia*, that attack root systems. As the root system develops, the bacteria grow within the rhizosphere extending the protection throughout the growing season. As a result, a vigorous root system is established, which result in more uniform plant stands after transplanting.

GHA180 is most effective when used as a preventive treatment.

NET CONTENTS: 32 fl. oz., 64 fl. oz., 1 gal.,
1.25 gal., 2.50 gal., 5 gal.

Date of Manufacture : XXX

Batch Code:

Use by :

ACCEPTED

MAR 15 2012

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 74267-2

Important: GHA 180 is only registered for use in protected growing environments (e.g. glasshouse or greenhouse), and is not for use in non-protected environment (eg. non-contained nurseries or slat houses).

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals. CAUTION: Causes moderate eye irritation .Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment (PPE): Unless specifically differentiated, the PPE requirements that follow apply to both Worker Protection Standard (WPS) uses (in general, agricultural-plant uses are covered the Worker Protection Standard (40 CFR Part 170)) and Non-WPS uses.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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

For WPS uses, the following apply:

Mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95.

For Non-WPS uses, the following apply:

As a general precaution, when exposed to high concentrations of a living microbial product such as this, wear a dust particle mask when mixing or applying this product.

Environmental Hazards: For terrestrial uses, do not apply directly to water, or to areas where surface water is present. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

User Safety Recommendations:

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should 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

FIRST AID

If in Eyes	<ul style="list-style-type: none"> • 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. • Contact a poison control center or doctor for treatment advice. <p>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>
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For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labelling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labelling 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 intervals (REI). 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 4 hours.

There is a four (4) hours restricted entry interval for this product

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

- coveralls over long-sleeved shirt and long pants
- chemical-resistant gloves
- protective eyewear

Exception: if the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

FOR INCORPORATION INTO PEAT MOSS OR GROWING MEDIA

GHA 180 must be diluted with water before incorporation to peat moss, peat-based growing media or soil-based growing media. Mix 2 ½ tablespoons (1.25 Fl. Oz.) of GHA180 with 2 to 5 gallons of water and then apply the mixture uniformly into 1 cubic yard of loose growing media. Do not store the dilute mixture for longer than 24 hours. Do not apply this product through any type of irrigation system.

Note: GHA 180 can be applied to sterilized or fumigated soil but **MUST BE APPLIED AFTER STERILIZATION OR FUMIGATION**

FOR USE AS A SOIL DRENCH APPLICATION IN GREENHOUSES AND ENCLOSED NURSERIES

Use GHA 180 on container bench, or bed-grown ornamentals in greenhouses or enclosed nurseries, on annual and perennial flowers, bedding plants, vegetable transplants, foliage plants, ground covers, deciduous trees and shrubs. Apply as a drench or spray directly to the growing media. Doing applications during or after seeding, sticking of cutting or after transplanting. Thoroughly soak the growing media through root zone.

Mix 7 fl. oz. of GHA 180 with 100 gallons of water. Apply mixture to container-grown plants, and bed and bench plants, according to the guidelines below (at seeding or transplanting and re-treat at 20 day intervals if additional applications are necessary).

GHA 180 Drench for bed and bench grown plants	
Soil Depth (inches)	Sq. Ft./100 gallons of mixture
3" or less	580
4-6"	290
6-12"	145

GHA 180 Drench for container grown plants		
Pot diameter (inches)	Min. Drench Volume Fl. Oz. of mixture /Pot	Number of pots per 100 gallons of mixture
4"	2	7447
6"	5	2979
8"	13	1146
10"	22	677
12"	44	339

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not contaminate water by cleaning of equipment or disposal wastes.

PESTICIDE STORAGE: Store at ambient temperature (18 to 25 °C). Don't expose to direct sunlight. Store in original containers only. Keep container closed when not in use. Material must be used within 23 months of the Date of Manufacture.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed on site, or at an approved waste disposal facility.

CONTAINER HANDLING:

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill.



Manufactured by:

Premier Tech Biotechnologies

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Made in Canada