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BIO-CERES G WB

COMMERCIAL

Biological Mycoinsecticide

Water-dispersible briquette

For reduction in numbers of whiteflies, aphids and thrips in greenhouse tomatoes, cucumbers and ornamentals.

**KEEP OUT OF REACH OF CHILDREN
READ THE LABEL BEFORE USING
POTENTIAL SKIN SENSITIZER
CAUTION EYE IRRITANT**

GUARANTEE: *Beauveria bassiana* strain ANT-03 contains a minimum of 1×10^{10} conidia/g.

REGISTRATION NO: 31232 PEST CONTROL PRODUCTS ACT

Net Contents: 200 g to 1 kg

Lot No.

Date of manufacture: _____

Anatis Bioprotection
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PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. May cause sensitization. May cause eye irritation. Avoid contact with eyes, skin and clothing. Avoid inhaling/breathing mists. Wear waterproof gloves, a long-sleeved shirt, long pants, a dust-mist filtering respirator/mask (NIOSH approval number prefix TC-21C) or NIOSH approved respirators (with any N-95, P-95, R-95 or HE filter for biological products), and shoes plus socks when handling, mixing/loading or applying the product and during all clean-up and repair activities. Do not re-enter or allow re-entry into treated areas until the spray is dried unless wearing appropriate personal protective equipment, including a long-sleeved shirt, long pants, shoes plus socks, and waterproof gloves. In addition, a dust-mist filtering respirator/mask (NIOSH approval number prefix TC-21C) or NIOSH approved respirators (with any N-95, P-95, R-95 or HE filter for biological products) is required until spray mist has settled. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use.

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 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.

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.

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

TOXICOLOGICAL INFORMATION:

Treat symptomatically.

ENVIRONMENTAL HAZARD

The potential effects of this product on some non-target beneficial insects and pollinators, that may be used in greenhouse Integrated Pest Management Programs (IPM), are not known. May be harmful to beneficial insects. Avoid direct contact with beneficial insects when using spray applications. This product may be toxic to bees exposed to direct treatment, or drift. **DO NOT** apply this product while bees are actively foraging. **DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.**

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

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

STORAGE:

Store in a cool, dry place. Can be stored up to 12 months if in the refrigerator at 4°C. Can be stored up to 6 months at 21°C in an unopened package. If the package is open, this product can be stored up to 3 months at 21°C. Tightly reclose the container of unused product to prevent decrease of the efficacy. The BIO-CERES G WB contains live spores of the naturally occurring fungus, *B. bassiana*. Spores may be damaged by storage at high temperatures (higher than 25°C) or contact with water for more than 24 hours.

To prevent contamination store this product away from food or feed.

GENERAL INFORMATION

BIO-CERES G WB is a water-dispersible briquette formulation containing live spores of the naturally occurring fungus, *Beauveria bassiana* strain ANT-03 as an active ingredient.

Each briquette weights 1g. It means, for example, if the application rate is 2g/L - need to use 2 briquettes/L.

BIO-CERES G WB reduces numbers of:

Whiteflies, aphids and thrips in greenhouse tomatoes, cucumbers and ornamentals.

DIRECTIONS FOR USE

Begin treatment of crops at the first appearance of the insect pest. Application rates, frequency, spray coverage and insect numbers impact the speed at which acceptable control is achieved.

Bio-Ceres GWB is most effective when used early, before high insect populations develop. It takes 5-7 days after the first application to observe control. Reapply as necessary.

Multiple applications may be required to reduce numbers of target pests.

MIXING INSTRUCTIONS Use freshly prepared spray solution each time. **Do not mix with fungicide.**

If a fungicide must be used, make the application of the fungicide at least 4 days before the BIO-CERES G WB application or at least 2 days after the BIO-CERES G WB application.

This product may be applied with conventional hand-held, and/or ground spray equipment.

APPLICATION RATE AND INSTRUCTIONS

Apply **2-4g/L** of water depending on insect population density. **It is recommended to add a small amount of clean water to the tank or sprayer before adding BIO-CERES G WB to avoid settling. Agitate constantly to maintain suspension of the solution.** Use spray volume sufficient to cover foliage infested with insect pests. Crop size and spray equipment will determine amount of water needed. Depending on crop treated 500 to 1000 L of spray volume will typically be required for 1ha.

APPLICATION FREQUENCY AND TIMING

Reapply within a 7 day interval. In case of pest outbreak, the product can be used every 3-5 days.

Multiple applications may be required to reduce numbers of target pests. There is no limit on number of applications. Mix well before application. An emulsifying agent can be added.

PRE-HARVEST INTERVALS

Pre-harvest interval for BIO-CERES G WB is zero (0) days and it can be applied up to the day of harvest.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. 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 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 offense under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.”