



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7511M)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

89600-8

Date of Issuance:

9/11/2024

NOTICE OF PESTICIDE:

☒ Registration

☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Bioceres™ ST

Name and Address of Registrant (include ZIP Code):

Anatis Bioprotection Inc.  
278, rang Saint-André  
St-Jacques-le-Mineur, Quebec J0J 1Z0, Canada

**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 U.S. Environmental Protection 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 the 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

 Digitally signed by  
Alexandra Boukedes  
Date: 2024.09.11  
09:00:24 -04'00'

Alexandra Boukedes, Product Manager 92  
Microbial Pesticides Branch  
Biopesticides and Pollution Prevention Division (7511M)  
Office of Pesticide Programs

Date:

9/11/2024

2. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 89600-8."
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 08/06/2024

If you have any questions, please contact Hannah Dean via email at [dean.hannah@epa.gov](mailto:dean.hannah@epa.gov).

Sincerely,



Digitally signed by  
Alexandra Boukedes  
Date: 2024.09.11  
08:59:59 -04'00'

Alexandra Boukedes, Product Manager 92  
Microbial Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511M)  
Office of Pesticide Programs

Enclosure

# BIOCERES™ ST

(Note to Reviewer: Text in { } is optional. Brackets [ ] indicate that at least one option within the brackets must be used in the final label text. Parentheticals ( ) are meant to appear on final label. "This product" can be substituted with actual product name.)



(For Organic Production) (For Use in Organic Production) (Can be used in organic production)

## Active Ingredient:

*Beauveria bassiana* strain ANT-03\* ..... 100.0%

**Total:**..... 100.0%

\*Contains not less than  $2.2 \times 10^{10}$  viable conidia/gram of product.

**ACCEPTED**

Sep 11, 2024

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 89600-8

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

| FIRST AID   |   |
|---|---|
| If in eyes  | Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.<br>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.<br>Call a poison control center or doctor for treatment advice.   |
| If on skin or clothing  | Take off contaminated clothing.<br>Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.  |
| If swallowed  | Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow.<br>Do not induce vomiting unless told to do so by the poison control center or doctor.<br>Do not give anything by mouth to an unconscious person. |
| If inhaled  | Move person to fresh air.<br>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.<br>Call poison control center or doctor for treatment advice.   |
| <b>HOTLINE NUMBER</b><br>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information. For information on this pesticide product (including general health concerns or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, <a href="mailto:npic@ace.orst.edu">npic@ace.orst.edu</a> , 8:00AM to 12:00PM Pacific Time, Monday through Friday. See website for details: <a href="http://npic.orst.edu">http://npic.orst.edu</a> . |   |

(See [back panel][side panel][interior/inside panel/page] for additional precautionary statements)

Keep Refrigerated 39° ± 2°F (4 ± 2°C)

[BIOCERES™ ST; EPA Reg. No 89600-I]  
[Master label dated April 9, 2024]

Manufactured by/for:

|  |  |
|--|--|
| Anatis Bioprotection Inc.<br>278, rang Saint-André<br>St-Jacques-le-Mineur, Québec J0J 1Z0, Canada<br><br>[1.800.305.7714/<br>www.anatisbioprotection.com] | EPA Reg. No.: 89600-I<br>EPA Est. No:<br>Lot Number:<br>Net Contents:<br>[Best If Used By: [insert date up to 1 yr from date of<br>manufacture]] |
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## PRECAUTIONARY STATEMENTS

**Hazards to Humans and Domestic Animals - CAUTION:** Causes moderate eye irritation. Harmful if inhaled or swallowed. Avoid contact with eyes or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- protective eyewear
- waterproof gloves
- shoes plus socks

Mixer/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

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

**Engineering Controls:** When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides, 40 CFR 170.607 (d, e), the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

### User Safety Recommendations

User 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. As soon as possible, wash thoroughly and change into clean clothing.

**Environmental Hazards:** For terrestrial uses: This product may harm beneficial insects and honeybees. Do not apply while bees or other pollinating insects are actively foraging. This product may be harmful to aquatic organisms. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not apply within 50 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fishponds). Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

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## DIRECTIONS FOR USE

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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 protect handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal 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 (REI). The requirements in this box only apply to the 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 four (4) hours.

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

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
- Protective eyewear
- Waterproof gloves
- Shoes plus socks

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### NON-AGRICULTURAL USE REQUIREMENTS

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The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treatment area until seeds have dried or have been packaged.

## PRODUCT INFORMATION – AGRICULTURAL CROPS

### Product Description:

BIOCERES™ ST is a biological insecticide containing the active ingredient *Beauveria bassiana* strain ANT-03 for use on the following labeled growing crops to control insect pests. *Beauveria bassiana* strain ANT-03 is an entomopathogenic fungus which is native in North American soils. This biological insecticide adheres to the insect outer layer, causing infection that results in death. The fungus is compatible with some insecticides and most biological control methods..

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### INTEGRATED PEST (DISEASE) MANAGEMENT (IPM)

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BIOCERES™ ST is an important tool in sound disease management whenever pesticide use is necessary. Apply BIOCERES™ ST alone or in combination and/or rotation with biological and chemical insecticides. Consult local agricultural authorities for specific IPM strategies developed for your crop(s) and location.

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### PREHARVEST INTERVAL – AGRICULTURAL USE

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Pre-harvest interval for BIOCERES™ ST is zero (0) days. BIOCERES™ ST can be applied up to and including the day of harvest.

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### SEED TREATMENT MIXING AND APPLICATION INSTRUCTIONS

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Apply BIOCERES™ ST as a dry and/or slurry seed treatment on the listed crops to control against the labeled insects. When mixing with other seed treatment products, observe all directions for use, crop/sites/use rates, dilution ratios, precautions and limitations that appear on the tank mix partner label(s). No label dosage may be exceeded, and the most restrictive label precautions and limitations must be followed. Prepare no more mixture than is required for immediate operation.

#### For Commercial Seed Treatment:

This product may be applied as a water-based slurry with other registered seed treatment insecticides and bactericides through standard slurry or mist-type commercial seed treatment equipment. It is recommended to use a non-ionic wetting agent when blending this product with water.

This product does not contain dye. All seed treated commercially with this product must be colored with an EPA-approved dye or colorant of a suitable color to prevent accidental use as food for humans or feed for animals. The Federal Seed Act requires the bags containing seed treated with this product shall be labeled with

the following information: “This seed has been treated with *Beauveria bassiana* strain ANT-03. Do not use for food, feed or oil purposes. Store away from feed and foodstuffs.”

Hopper Box/Slurry Box/on Farm Tank Mix:

This product may be applied as a dry hopper box/slurry box/or on farm tank mix seed treatment. Consult the manufacturer prior to using BIOCERES™ ST in hopper box, planter box, slurry box or other seed treatment applications at or immediately before planting.

**Hopper box application:** apply BIOCERES™ ST to seed at time of planting and blend thoroughly to fully coat.

**On-farm tank mix application:** apply BIOCERES™ ST to the tank/container with seed present and agitate gently until product has adequately coated seed. Transfer to planting equipment.

**Compatibility:**

BIOCERES™ ST is compatible with some fertilizers, micronutrients, organic input materials and biological or chemical insecticides. DO NOT combine with other materials if there is no previous experience, or use of the combination to show it is physically compatible and non-injurious under your conditions. Check for compatibility with other products. BIOCERES™ ST has been evaluated for phytotoxicity on a variety of crops under various normal growing conditions. However, testing all crop varieties in and with all mixtures and combinations is not feasible. Therefore, consult your Anatis Bioprotection Inc. representative for more information on BIOCERES™ ST compatibility when combining with pesticides, surfactants/adjuvants and fertilizers.

**Restriction:**

DO NOT mix with fungicides, concentrated acids such as sulfuric acid, solvents, or oxidizing agents. Consult specific product labels for additional information or restrictions concerning tank mixing. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

| SEED TREATMENT  |   |   |
|---|---|---|
| Crop  | Rate  | Insect/Pest   |
| <b>Nongrass Animal Feeds</b> including: Alfalfa, Bean (velvet), Clover, Kudzu, Lespedeza, Lupin, Sainfoin, Trefoil, Vetch and Cultivars, Varieties, and Hybrids of these.   | 0.1 – 4.8 oz per acre<br>(3 – 136 g/acre)   | Corn Rootworm<br><br>Seedcorn maggot<br><br>White grubs |
| <b>Legume Vegetables</b> including: Green Beans, Snap Bean, Lima Bean, Kidney Bean, Navy Bean, Pinto Bean, Wax Bean, Pole Bean, Garden Pea, Pea and Field Bean, and Soybeans.   | 0.1 – 9.6 oz per cwt<br>(3 – 300 g per 50 kg),<br>not to exceed 4.8 oz per<br>acre  |   |
| <b>Cereal Grains</b> including: Barley, Buckwheat, Corn (Sweet, Dried Field),Millet, Pearl Millet (peral, proso), Oats, Popcorn, Rice, Rye, Sorghum, Sweet Corn, Teosinte Triticale, Wheat, Wild Rice and Cultivars, Varieties, and Hybrids of these. | 0.1 – 20 oz per cwt<br>(3 – 592.5 g per 50 kg),<br>not to exceed 4.8 oz per<br>acre |   |

|  |                       |  |
|--|-----------------------|--|
| <b>Oilseed</b> including: Castor, Cottonseed, Flax, Mustard, Rapeseed, Poppy, Safflower, Sesame, Sunflower, and cultivars, varieties, and/or hybrids of these. | 0.1 – 4.8 oz per acre |  |
|--|-----------------------|--|

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in a dry place out of direct sunlight and away from heat sources. Keep from overheating or freezing. Recommended storage conditions are  $39 \pm 2$  °F ( $4 \pm 2$  °C), store at refrigerator temperatures in dry place.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then, offer for recycling if available, or dispose of in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

### Warranty and Disclaimer Notice

The directions for use of this product are believed to be adequate and must be followed carefully. It is impossible to eliminate all risk inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absences of other materials, or the manner of use or application, all of which are beyond the control of Anatis Bioprotection Inc., the manufacturer, or the seller.

To the extent consistent with applicable law, the products sold to you are furnished “as is” by Anatis Bioprotection Inc. The manufacturer and the seller are subject only to the manufacturer’s warranties, if any, which appear on the label of the product sold to you. Except as warranted by this label, Anatis Bioprotection Inc., the manufacturer, or the seller makes no warranties, guarantees, or representations of any kind to the buyer or the user, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold for use of the product, including, but not limited to merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer’s or user’s exclusive remedy, and Anatis Bioprotection Inc., the manufacturer’s or the seller’s total liability shall be limited to damages not exceeding the cost of the product. No agent or employee of Anatis Bioprotection Inc., or the seller is authorized to amend the terms of this warranty disclaimer or the product’s label or to make a presentation or recommendation different from or inconsistent with the label of this product.

To the extent consistent with applicable law, Anatis Bioprotection Inc., the manufacturer, or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damage in the nature of penalties, and buyer and the user waive any right that they may have to such damages.



## Marketing Claims:

### *General*

- [For Agricultural Use]
- [Biological insecticide]
- [Biological mycoinsecticide]
- [[An entomopathogenic] fungal bio-insecticide]
- [Contains Beauveria bassiana strain ANT-03 spores [as the active ingredient]]
- [A Beauveria bassiana strain selected [for its efficacy] from among more than 120 other [strains] characterized and tested]
- [Soil-occurring fungus native to North America]
- [Contact and/or ingestion establishment]
- [High sporulation level [promotes infection of targeted species following application]]
- [Not harmful to many beneficial insects]

### *Agricultural Crops*

- [For Use on: [*species listed on product label*]]
- [For control of [*species listed on product label*]]
- [Exempt from MRLS]
- [For Organic Production]

## Logo(s):

