

APR 11 2011

Ms. Susan MacIntosh
 Authorized Agent
 Pasteuria Bioscience, Inc. c/o MacIntosh & Associates, Inc.
 1203 Hartford Avenue
 Saint Paul, MN 55116-1622

Re: Pasteuria Bioscience, Inc.; Econem™
 EPA Registration No. 85004-2
 Minor Label ("Fast Track") Amendment
 Submissions dated 01/19/2011 and 04/07/2011
 Decision No. 444968

Dear Ms. MacIntosh:

The Environmental Protection Agency (EPA) has reviewed your request to amend the subject product registration, which included the following changes to the product label:

- 1) Addition of National Organic Program-related logo and language (i.e., "For organic turf and lawn care") and Organic Materials Review Institute logo.
- 2) Correction of minor formatting inconsistencies and typographical errors.
- 3) Modification of the 2nd statement found underneath the Environmental Hazards subheading to the following: "Do not contaminate water when disposing of equipment washwaters and rinsate."
- 4) Modification of the restricted-entry interval statement in the Agricultural Use Requirements Box to the following: "Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours."
- 5) Addition of the following statement to the Container Handling section of the Storage and Disposal Box: "If burned, stay out of smoke."

The changes referred to above, submitted in connection with registration under Section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), are acceptable provided that you do the following:

- 1) Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when EPA requires all registrants of similar products to submit such data.
- 2) Submit two (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of a final printed label.

CONCURRENCES

SYMBOL	7511P	7511P	7511P					
SURNAME	Kausch	Reynolds	Pull					
DATE	04/07/2011	4/7/11	4/11/11					

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EPA Registration No. 85004-2

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If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. If you have any questions regarding this letter, please contact Ms. Jeannine Kausch by telephone (703-347-8920) or email (kausch.jeannine@epa.gov).

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

Sincerely,



Sheryl R. Reilly, Ph.D., Chief
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

Enclosures (2):
-Econem™ Accepted Label
-A-79 Enclosure

ECONEM™

Biological management of sting nematodes in turf



FOR ORGANIC TURF and LAWN CARE



Active Ingredient:	<i>Pasteuria usgae</i> *	0.0020%
Other Ingredients:		99.9980%
Total:		100.0000%

* Contains at least 1×10^4 spores per g or 4.5×10^6 spores per pound.

KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements on the back panel

EPA Registration Number: 85004-2
EPA Est. Number: 70051-CA-001

Manufactured for:



12085 Research Dr., Suite 185
Alachua, FL 32615
(386) 462-0008
www.pasteuriabio.com/

ACCEPTED

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Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 85004-Z

Net Weight:

Batch Code:

Pasteuria Bioscience, Inc.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. 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.

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. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time. After 4:30 pm Pacific Time, call your poison control center at 1-800-222-1222.	

PERSONAL PROTECTIVE EQUIPMENT (PPE)

The PPE requirements that follow apply to both Worker Protection Standard (WPS) uses (in general, agricultural-plant uses are covered under the Worker Protection Standard (40 CFR Part 170)) and Non-WPS uses.

Applicators and other handlers must wear:

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

Mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

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.

ENGINEERING CONTROLS

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-5)), 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 break-down.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE 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

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 washwaters or rinsate.

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 requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. Do not use this product until you have read the entire label.

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 apply only 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.

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
- Waterproof gloves
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses 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 treated areas until product has been integrated into soil through irrigation.

PRODUCT INFORMATION

This product contains a biological nematicide for the control of the following nematode for most turf grass uses:

Sting Nematode

Belonolaimus longicaudatus

USE RESTRICTIONS

Consult your extension agent or manufacturing representative before mixing this product with fertilizer or seed. Do not mix this product with other turf grass pesticides.

APPLICATION INSTRUCTIONS

Turf Grass: Apply 2 to 10 pounds of **Econem™** per 1000 square feet of turf prior to, during, and after turf green-up in 3 to 4 week intervals using calibrated, standard granule application equipment such as a drop-spreader. For best control, a minimum of 3 sequential applications is required. For warm-season grasses, these green-up periods may be in early spring and again in late summer or early fall; for cool-season grasses, this may be late summer or early fall. Monthly applications throughout the year may help maintain sting nematode populations below economic threshold levels.

Use the higher application rates on sites with high sting nematode populations (greater than 60 sting nematodes per 0.4 cup (100 cm³) of soil or areas with extensive nematode damage such as bare turf areas, dying turf areas, or turf with root systems less than 0.8 – 1.2 inch (2 – 3 cm) in length.

Apply 0.10 inch water immediately following all applications. After application of **Econem™** and subsequent treatment with water, minimizing irrigation for several weeks following treatment may improve sting nematode control. For areas under intense irrigation or experiencing excessive rainfall, repeat applications may be necessary to maintain sting nematode populations below an economic threshold.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in a cool, dry place. Reclose containers of unused portions of Econem™.

PESTICIDE DISPOSAL

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

WARRANTY STATEMENT

Pasteuria Bioscience, Incorporated (PBI) warrants that this product conforms to its label description and is suitable for its intended use if stored and used strictly in accordance with the Directions for Use under normal conditions of use. To the extent consistent with applicable law, PBI makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on this label. To the extent consistent with applicable law, user assumes all risks of use, storage or handling not in strict accordance with accompanying directions.