



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

December 15, 2023

Ms. Jan Meneley
President
AgBio Development Inc.
9915 Raleigh Street
Westminster, CO 80031-2689

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 – updating EPA establishment number; revising warranty statement; miscellaneous minor editorial revisions

Product Name: Oriental Beetle MD

EPA Registration Number: 68253-1

EPA Receipt Date: 11/03/23

Action Case Number: 00490100

Dear Ms. Meneley:

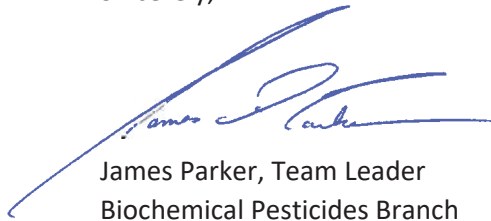
The U.S. Environmental Protection Agency (EPA) is in receipt of your application for notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Biopesticides and Pollution Prevention Division (BPPD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10.

The labeling submitted with this application has been stamped “Notification” and will be placed in our records. You must submit one (1) copy of the final printed labeling with the modifications.

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 the Federal Insecticide, Fungicide, and Rodenticide Act (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.

If you have any questions, please contact Nina Naimy via email at naimy.nina@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "James Parker", with a long, sweeping horizontal line extending to the right.

James Parker, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

NOTIFICATION

68253-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/15/2023

68253-1 Reference Label: Page 1 of 3
04/10/2013 EPA SAL + 11/x/2023 Notification
XXXXX = addition; XXXXX = deletion

Oriental Beetle MD

A Pheromone Product for Control of the Oriental Beetle *Exomala orientalis* by Disruption of Mating Communication

Active Ingredients

Z-Tetradec-7-en-2-one 14.5%

Other Ingredients 85.5%

Total 100.00%

Each Dispenser contains 50 milligrams of pheromone.

Keep Out of Reach of Children CAUTION

See back panel for First Aid Statements
Read All Directions Before Using This Product

AgBio Development Inc.
9915 Raleigh St., Westminster, CO 80031-2689

EPA Registration No. 68253-1

EPA Est. No. 73813-CRI-1 73813-CR-4

Net Weight: 1.25 grams
25 Dispensers containing 50 mg of pheromone per releaser
Patent Pending

Batch code:

Lot Number:

{Back Panel}

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals CAUTION

Harmful if absorbed through skin, inhaled or swallowed. Remove contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Wear chemical resistant gloves when handling. Wash thoroughly with soap and water after handling.

First Aid**If on Skin or Clothing:**

- Take off contaminated clothing
- Rinse skin immediately with plenty of water for 15-20 minutes
- Call poison control center or doctor for treatment advice

If Inhaled

- 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 poison control center or doctor for 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 5 minutes, then continue rinsing eye.
- Call poison control center or doctor for treatment advice

Have product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-515-296-6332.

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 cleaning equipment or disposing of equipment washwaters.

Storage and Disposal Statements

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

Pesticide Storage: Store in original container, in cool, dry area.

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

Container Disposal: Triple rinse (or equivalent). Then, puncture and dispose of in a sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

1. Crops:

Turf and Ornamentals:

Turf grass, Nursery Stock, Container Ornamentals, Roses, bedding plants, foliage plants and groundcovers.

Food crops

Blueberries, Raspberries and other bush berries – Such as:

Blueberries, blackberries, raspberries, bingleberry, boysenberry, dewberry, lowberry, marionberry, oallieberry, youngberry, currant, elderberry, gooseberry, huckleberry, loganberry, juneberry, lingonberry, and salal

Peaches and other stone fruit – Such as but not limited to:

Peaches, plums apricot, cherry, nectarine and prune.

Cranberries

Strawberries

2. Pest: Oriental beetle *Exomala orientalis*

3. **Application:** Hang Oriental Beetle MD dispensers in a grid pattern at a density of 20-40 dispensers per acre. For plants grown in the ground hang at a height of about 1-2 feet above ground. For plants grown in containers, hang dispensers about 1-2 feet above the bottom of the container. In the case of turf grass apply dispensers on short sticks about 1-2 feet above ground or by placing dispensers on the ground. In all cases dispensers should be placed in such a way to allow air movement freely around them to disperse pheromone just above ground level where mating occurs. A grid spacing of 20 dispensers/ac is approximately every 47 ft and 40 dispensers/ac is approximately every 33 ft. As promulgated at 40 CFR 180.1153 DO NOT EXCEED the rate of 150 grams of active ingredient per acre per year.

4. **Timing:** Deploy Oriental Beetle MD immediately prior to the first emergence of *Exomala orientalis* in early summer. The dispensers will emit effective amounts of pheromone for 60 days.

5. **Note:** [i] Oriental Beetle MD impedes the mating of the Oriental beetle, *Exomala orientalis*. If pest population densities are excessively high disruption of mating will be less effective. At high population densities insecticide applications are advised to reduce population to manageable levels.
- [ii] Treating larger areas provides some advantage by reducing the relative perimeter distance across which mated females can fly into treated areas. In some cases application rates may also be reduced. Treated areas are generally best close to square or circular in shape.
- [iii] Oriental Beetle MD will not work well on small (< 1 acre) plots that are isolated from other larger Oriental Beetle MD treated areas due to the high edge/area ratio.
- [iv] Monitoring of oriental beetle using pheromone traps in or near the center of treated areas is recommended. Ideally, effective mating disruption results in few or no beetles in traps, though in areas with very high populations some beetles may be trapped. Traps are also useful placed outside the treated area to indicate beetle activity duration, for determining whether a second placement may be needed.

Warranty

AgBio Development Corporation warrants that this product conforms to the chemical description on the label. AgBio Development Corporation neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. **To the extent consistent with applicable law**, AgBio Development Corporation maximum liability for breach of this warranty shall not exceed the purchase price of this product. **To the extent consistent with applicable law**, buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this material.

Manufactured for AgBio Development Inc.
by ChemTica Internacional, Costa Rica.