

71096-13

2/3/2014

1/7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

FEB 3 2014

Ruth Ann Harman  
OR-CAL, Inc.  
29454 Meadowview Road  
Junction City, OR 97448

Dear Ms. Harman:

Subject: Amended label to add IR-4 new uses: Grass (grown for seed), Leaf petioles, Mint, Taro (wetland), Corn (field), Soybean, Caneberries, Bushberries, and Low Grown Berries  
OR-CAL Slug-Fest 4.0  
EPA Reg. No. 7109613  
Submissions dated August 1, 2012

The proposed labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you submit two copies of your final printed label before you release the product for shipment. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

A stamped copy is enclosed for your records. If you have any questions, please contact Marianne Lewis at (703) 308-8043 or [lewis.marianne@epa.gov](mailto:lewis.marianne@epa.gov).

Regards,

A handwritten signature in black ink that reads "Venus Eagle". The signature is fluid and cursive, with a long horizontal line extending from the end.

Venus Eagle, PM 01  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

# OR-CAL Slug-Fest 4.0

ACCEPTED

2/3/14

2/7

Controlled Release Pellet to Control Slugs and Snails  
Around Listed Vegetables, Citrus and Ornamentals

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

Active Ingredient:

Metaldehyde (2,4,6-Trimethyl-1,3,5-trioxane).....

Other Ingredients.....

Total.....

EPA Reg. No:

71096-13

4.00%

96.00%

100.00%

EPA Reg. No. 71096-13

EPA Est. No. 66876- OR-001

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

Si usted no entiende la etiqueta, busque a algulen para que se la explique a usted an  
detaile. (If you do not understand the label, find someone to explain it to you in detail).

## FIRST AID

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**Poisoning Hotline:** Seek medical care as soon as possible after exposure. For incidents involving animals, seek veterinary care as soon as possible after exposure. Have the product container or label with you when you call a poison control center or doctor or veterinarian, or when going for treatment. For information on this pesticide product (including health concerns, medical emergencies, treatment advice, or pesticide incidents), call the National Pesticide Telecommunications Center at 1-800-858-7378.

**Metaldehyde is a systemic toxin. There is no antidote. The following instructions are not intended for laypeople. There is no home treatment. Exposed individuals and animals should receive emergency care as quickly as possible.**

**Note to Physician:** Dust inhalation is usual route of accidental exposure; the product is rarely ingested. Treatment is symptomatic and supportive. Monitor severe exposures closely: seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature have

3/7  
been reported.

**Note to Veterinarian:** Animals typically are exposed via ingestion. Treatment is symptomatic and supportive. If significant ingestion is suspected, and the animal is asymptomatic, consider induction of emesis or gastric lavage and administration of activated charcoal, cathartic and enema to limit absorption. Monitor asymptomatic and symptomatic animals closely. Treat seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature. Monitor liver function post recovery.

## **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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

**IMPORTANT:** This product can be harmful to children and fatal to domestic animals when ingested. Children and dogs may be attracted to the product. Application of this product is prohibited unless children and domestic animals can be excluded from the treated area from start of the application until applied material is no longer visible.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, viton. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear:

- long-sleeved shirt and long pants
- Shoes plus socks
- chemical resistant gloves

Follow 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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### **USER SAFETY RECOMMENDATIONS**

#### **Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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**

This product is toxic to mollusks (e.g., clams, oysters, scallops, mussels). Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate. This pesticide is toxic to birds and mammals. Granules on soil surface may be hazardous to terrestrial wildlife. Cover or collect any materials spilled during loading.

## DIRECTIONS FOR USE

4/7

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.

This product is intended solely for use on agricultural crops grown for commercial or research purposes, and in State and/or Federal invasive mollusk eradication operations. This product may not be applied to residential sites (i.e., in yards, gardens, around homes and apartments) and other sites such as the exterior areas around schools and daycare facilities, and athletic fields, playgrounds, parks, recreation areas, etc.

Broadcast applications and applications of this product directed to plant parts are prohibited except to grass grown for seed, taro, and as specified for use in State and/or Federal invasive mollusk eradication operations.

### FOR STATE AND/OR FEDERAL INVASIVE MOLLUSK ERADICATION OPERATIONS

This product may be used only on the following use sites in response to State and/or Federal invasive mollusk eradication operations.

Broadcast applications of this product may be made to the following use-sites for State and/or Federal invasive mollusk eradication operations: fallow land; barrier strips; uncultivated non-agricultural areas; recreational areas; non-food or non-feed brush; weed or dense vegetative areas; railroad, pipeline, highway, power and telephone rights of way and roadsides; guardrails and fences; lumberyards; storage areas; seaports; industrial facility sites, including yards and walkways around industrial buildings, parking areas, parks, golf courses, other public areas; and airport and similar industrial non-crop areas.

This product may be applied for State and/or Federal invasive mollusk eradication operations at an individual application rate of no more than 2 lb ai/A, and at no more than 6 applications/year.

### 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) notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 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,
- chemical-resistant gloves made of any waterproof material,
- and shoes plus socks.

5/7

## NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of the product that are NOT within the scope of the Worker Protection Standard, for agricultural pesticides 40 CFR Part 170. The WPS applies only when this product is used to protect agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow others to enter the treated area until applied material is no longer visible.

### RESTRICTIONS

- This product is intended solely for use on agricultural crops grown for commercial or research purposes, and in State and/or Federal invasive mollusk eradication operations.
- This product may not be applied to residential sites (i.e., in yards, gardens, around homes and apartments) and other sites such as the exterior areas around schools and daycare facilities, and athletic fields, playgrounds, parks, recreation areas, etc.
- Broadcast applications and applications of this product directed to plant parts are prohibited except to grass grown for seed, taro and as specified for use in State and/or Federal invasive mollusk eradication operations.
- Do not allow bait pellet to come in contact with plant parts.
- Use only as a baiting treatment to be applied directly to the soil area beneath listed plants.
- Read entire label before using.
- Use as band treatment between rows.
- Do not apply as a wide-area broadcast.
- Grower is responsible for residues on crops.
- Do not apply to dry soil. Make applications following irrigation.
- Do not re-water for 48 hours after application.
- Apply any time of day, but evening applications are preferred.
- Do not use in or around Hanalei, Kaua'i (USFW Refuge)

OR-CAL Slug-Fest 4.0 is a soil surface treatment for control of snails and slugs in citrus groves, berry crops, listed vegetable crops, ornamental gardens, and seed grasses. When applied as directed, OR-CAL Slug Fest 4.0 will withstand rain and sprinkling and will offer protections to gardens for several weeks. This product may be injurious to Daylilies and Clematis. Do not use on these plants.

For use on ornamentals, artichokes, blueberries, caneberries, strawberries, lettuce, cole crops and other leafy greens, mint, corn, soybeans and tomatoes apply in a band, between rows and/or directed towards base of the plants, by hand or with commercial application equipment designed for banded application of granular products.

For use on citrus, apply in a band under tree canopy, by hand or with commercial application equipment designed for banded application of granular products.

6/7

Crop Use Site	Maximum Single Application Rate (lbs Product/A)	Minimum Days Between Retreatment	Maximum Number of Applications Per Season	Preharvest Interval
<b>Artichoke –perennial</b>	25	18	6	0
<b>-annual</b>	25	18	2	
<b>Berries:</b> Caneberries (bingleberry; raspberry, red and black; wild raspberry; blackberry; loganberry; boysenberry, dewberry; lowberry; marionberry; olallieberry; youngberry; Bushberries (aronia berry; blueberry; buffalo currant; Chilean guava; currant; black and red; elderberry; European barberry; gooseberry; cranberry; honeysuckle; huckleberry; jostaberry; juneberry; lingonberry; salal; sea buckthorn; Berry –low growing (bearberry; bilberry; blueberry; cloudberry; cranberry; muntries; partridgeberry	20	14	3	0
<b>Strawberries</b>	25	14	3	0
<b>Citrus</b>	25	14	6	0
<b>Celery, Rhubarb, Swiss chard, Chinese Celery, Celtuce, Cardoon, and Florence Fennel</b>	25	21	4	1
<b>Tomatoes</b>	25	14	3	0
<b>Vegetables:</b> Lettuce, Cole Crops, and Other Leafy Greens (broccoli, Brussels sprouts, cabbage, cauliflower, cavalo, broccolo, collards, kale, kohlrabi, mizuna, mustard greens, spinach, rape greens)	25	14	3	0
<b>Grass (Seed Crop), Forage and Hay</b>	20	14	4	21
<b>Mint (Peppermint, Spearmint, and their Oils)</b>	25	21	4	1
<b>Taro (wetland):</b> Broadcast application to be made under flooded conditions only. Prior to bait application, stop the water flow into and out of the lo'i (paddies) to be treated; water level should be high enough such that apple snails don't estivate. Apply the bait and hold/impound the water for a minimum of 3 days before allowing water to exit the lo'i. Do not apply more than one application per held/impounded water. If the water level in the lo'i becomes too low within the 3 day holding period (due to faster percolation of water through the soil), such that apple snails begin to estivate, allow additional water into the lo'i.	25	35	7	7
<b>Corn* (field)</b>	25	7	4	0
<b>Soybean** (Only for use in the following states: Alabama, Arkansas, Connecticut, Delaware, Georgia, Louisiana, Maine, Maryland, Massachusetts, Mississippi, North Carolina, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia)</b>	10	7	3	0
<b>Ornamentals:</b>	25	21	6	0

\*Corn applications must be completed no later than flag stage.

\*\*Metaldehyde treated soybeans may not be fed to livestock, and livestock may not graze in the treated fields. Applications must be completed prior to pod formation.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** This product can be harmful to children and fatal to dogs and other domestic animals if ingested. Dogs have been known to ingest metaldehyde after opening or tearing packaging. Store this product in its original packaging, in a cool, secure location and out of reach of children and pets.

**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 Disposal:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration.

**CONDITIONS FOR SALE**

Important: Read these entire Directions and Conditions of Sale before using OR-CAL Slug-Fest 4.0. Disclaimer: Manufacturer warrants that this product conforms to the chemical description on the label and is reasonable fit for the specific purposes referred to in the Directions for Use, subject to the inherent risks referred to above. Manufacturer makes no other express or implied warranty. To the extent consistent with applicable law, in no case shall manufacturer be liable for consequential, special or indirect damage resulting from the use or handling of this product.

Net Weight: 10, 20, 40, 2000 lbs.

OR-CAL, Inc.  
29454 Meadowview Road  
Junction City, OR 97448  
PH: 541-689-4413