



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 8, 2017

Molly Hickman  
Agent for OR-CAL, Inc.  
Hickman Regulatory Services  
3501 Shady Timber Street #2105  
Las Vegas, NV 89129

Subject: Label Amendment – Adding IR-4 uses to label: garden beets, hops, rutabagas, turnips, and wheat  
Product Name: OR-CAL Slug-Fest 4.0  
EPA Registration Number: 71096-13  
Application Date: 11/29/2016  
Decision Number: 524527

Dear Ms. Hickman:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements 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 Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Marianne Lewis by phone at (703) 308-8043 or via email at [lewis.marianne@epa.gov](mailto:lewis.marianne@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Elyssa Arnold". The signature is written in a cursive style, with the first name "Elyssa" and the last name "Arnold" clearly legible.

Elyssa Arnold, Acting Product Manager 01  
Invertebrate & Vertebrate Branch 3  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

03/08/2017

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 71096-13

# OR-CAL Slug-Fest 4.0

Controlled Release Pellet to Control Slugs and Snails  
Around Listed Vegetables, Citrus, and Ornamentals  
Controls Giant African Land Snail

**Active Ingredient:**

Metaldehyde .....4.00%  
Other Ingredients.....96.00%  
Total.....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 alguien para que se la explique a usted en detalle. (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 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 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>
<p><b>Poisoning Hotline:</b> 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 and pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.</p>	

**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 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)**

Mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves made of: barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, natural rubber ≥14 mils, polyethylene, polyvinyl chloride ≥14 mils, or viton ≥14 mils.

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 such materials spilled during loading.

## **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. Read entire label before using.

This product is 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 and/or forage and hay), taro, corn and soybeans, wheat, and clover (grown for seed), 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 airports 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 regulation. 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 water proof material,

- and shoes plus socks.

### **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 produce 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 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 and/or forage and hay), taro, corn and soybeans, wheat, and clover (grown for seed), and as specified for use in State and/or Federal invasive mollusk eradication operations.
- When broadcast applications are allowed, apply use standard broadcast spreaders.
- For grass grown for seed, grass grown for forage and hay, taro, and wheat: Apply by broadcast application.
- Clover (grown for seed): Apply as a perimeter treatment at planting and for subsequent applications by broadcast, directing the product to the soil (Not for use in California).
- Corn and Soybeans: Apply as a perimeter treatment at planting and for subsequent applications by broadcast, directing the product to the soil.
- 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.
- Use as band treatment between rows, unless otherwise directed on this label.
- 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.
- Do not use in or around Hanalei, Kaua'i (USFW Refuge)

Slugger 4.0 Slug & Snail Bait is a soil surface treatment for control of snails and slugs in citrus groves, berry crops, listed vegetable crops, ornamental plants, and grass (grown for seed and/or forage and hay). When applied as directed, Slugger 4.0 Slug & Snail Bait 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. Apply any time of day, but evening applications are preferred.

For use on ornamental plants, artichokes, listed berries, strawberries, celery, rhubarb, Swiss chard, Chinese celery, celtuce, cardoon, Florence fennel, ginseng, beans, peas, prickly pear cactus, tomatoes, lettuce, Cole crops and listed leafy greens and mint 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.

For grass (grown for seed and/or forage and hay), taro, and wheat apply by broadcast application.

For clover (grown for seed), apply as a perimeter treatment at planting and then for the second application, by broadcast, directing the product to the soil (Not for use in California).

Corn and Soybeans: Apply as a perimeter treatment at planting and for subsequent applications by broadcast, directing the product to the soil.

For clover (forage and hay), apply as a perimeter treatment.

<b>Crop Use Site</b>	<b>Maximum Single Application Rate (lbs Product/A)</b>	<b>Minimum Days Between Retreatment</b>	<b>Maximum Number of Applications Per Season</b>	<b>Preharvest Interval</b>	<b>Maximum number of applications per year</b>
<b>Artichoke -perennial</b>	25	18	6	0	12
<b>-annual</b>	25	18	2	0	4
<b>Beet</b> (garden, garden leaves) Only for use Oregon, Washington & Idaho	25	14	2	30	2
<b>Berries:</b> Canberries (bingleberry, black raspberry, blackberry, boysenberry, dewberry, loganberry, lowberry, marionberry, olallieberry, red raspberry, wild raspberry, youngberry), Bushberries (aronia berry, blueberry, buffalo currant, Chilean guava, black currant, red currant, elderberry, European barberry, gooseberry, cranberry, honeysuckle, huckleberry, jostaberry, juneberry, lingonberry, salal, sea buckthorn), Berry-low growing (bearberry, bilberry, blueberry, cloudberry, muntries, partridgeberry).	20	14	3	0	3
<b>Strawberries</b>	25	14	3	0	6
<b>Citrus</b>	25	14	6	0	6
<b>Clover (grown for seed)</b> <b>Not for use in California</b>	20	10	2	0	2
<b>Clover (forage and hay)</b> Only for use in Oregon, Washington & Idaho	20	10	2	30	2
<b>Celery, Rhubarb, Swiss Chard, Chinese Celery, Celtuce, Cardoon, and Florence Fennel</b>	25	21	4	1	8
<b>Ginseng</b>	25	21	6	21	6
<b>Hops</b> Only for use in Oregon, Washington & Idaho	25	14	4	60	4

<b>Peas and Bean</b>	25	7	3	Pre-bloom	6
<b>Peas and Bean (forage and hay)</b>	25	7	3	1	6
<b>Prickly Pear cactus</b>	20	30	3	0	3
<b>Rutabaga</b> Only for use in Oregon, Washington & Idaho	25	14	2	40	4
<b>Tomatoes</b>	25	14	3	0	6
Lettuce, Cole Crops and the following Leafy Greens: broccoli, Brussels sprouts, cabbage, cauliflower, cavalo, broccolo, collards, kale, kohlrabi, mizuna, mustard greens, spinach, rape greens	25	14	3	0	6
<b>Turnip (root and tops)</b> Only for use in Oregon, Washington & Idaho	25	14	2	20	4
<b>Wheat (forage, grain, hay, straw)</b> For use only in Oregon, Washington & Idaho	25	14	2	Prior to formation of seed head	4
<b>Grass (grown for seed)</b>	20	21	4	21	4
<b>Grass (Forage and Hay)</b>	20	14	4	21	4
<b>Mint (Peppermint, Spearmint, and their Oils)</b>	25	21	4	1	4
<b>Taro (wetland):</b> Apply by broadcast application 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 in the lo'i.	25	35	7	7	7
<b>*Corn (field and sweet)</b>	25	7	4	0	4
<b>**Soybean (Only for use in the following states: Alabama, Arkansas, Connecticut, Delaware, Georgia, Louisiana, Maine,</b>	10	7	3	0	3



Maryland, Massachusetts, Mississippi, North Carolina, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia)					
Ornamental Plants	25	21	6	0	6

\*Corn applications must be completed no later than flag stage. Apply as perimeter treatment at planting (up to V8 growth stage) and then for subsequent applications (V8-VT growth stage) by broadcast, directing the product to the soil.

\*\*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. Apply as a perimeter treatment at planting (up to V4 growth stage) and then for subsequent applications (V4-R1 growth stage) by broadcast, directing the product to the soil.

Growth stages are according to Iowa State University Crop Guides:

Corn – <http://www.agronext.iastate.edu/corn/docs/corn-field-guide.pdf>

Soybean – [http://extension.agron.iastate.edu/soybean/production\\_growthstages.html](http://extension.agron.iastate.edu/soybean/production_growthstages.html)

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and 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 Slugger 4.0 Slug & Snail Bait. Disclaimer: Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably 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 Rd., Junction City, OR 97448 PH: 541-689-4413

# **SUPPLEMENTAL LABEL**

## **Slugger 4.0 Slug & Snail Bait, EPA Reg. No. 71096-13**

**This supplemental label expires on March 1, 2019 and may not be used or distributed after that date**

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The labeling must be in possession of the user at the time application. Read the label affixed to the container for Slugger 4.0 Slug & Snail Bait before applying. Use of Slugger 4.0 Slug & Snail Bait according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for Slugger 4.0 Slug & Snail Bait.

Broadcast applications and applications of this product directed to plant parts are prohibited except to grass (grown for seed and/or forage and hay), taro, corn and soybeans, wheat, clover (grown for seed – Not for use in California) and as specified for use in State and/or Federal invasive mollusk eradication operations. When broadcast applications are allowed, apply using standard broadcast spreaders.

<b>Crop Use Site</b>	<b>Maximum Single Application Rate (lbs Product/A)</b>	<b>Minimum Days Between Retreatment</b>	<b>Maximum Number of Applications Per Season</b>	<b>Preharvest Interval</b>	<b>Maximum number of applications per year</b>
<b>Beet</b> (garden, garden leaves) Only for use in Oregon, Washington & Idaho	25	14	2	30	2
<b>Hops</b> Only for use in Oregon, Washington & Idaho	25	14	4	60	4
<b>Rutabaga</b> Only for use in Oregon, Washington & Idaho	25	14	2	40	4
<b>Turnip (root and tops)</b> Only for use in Oregon, Washington & Idaho	25	14	2	20	4
<b>Wheat (forage, grain, hay, straw)</b> Only for use in Oregon, Washington & Idaho	25	14	2	Prior to formation of seed head	4

OR-CAL, Inc. 29454 Meadowview Rd. Junction City, OR 97748 PH: 541-689-4413