



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

November 28, 2023

Brooke Baker
Manager of Regulations
OR-CAL, Inc.
29454 Meadowview Road
Junction City, OR 97448

Subject: Registration Review Label Mitigation for Metaldehyde
Product Name: OR-CAL SLUG-FEST 4.0
EPA Registration Number: 71096-13
Application Date: 4/1/2022
Case Number: 476454

Dear Ms. Baker:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Metaldehyde Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. 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 12 months from the date of this letter. After 12 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.

If you have any questions about this letter, please contact Joseph Belsky by phone at 202-566-2495, or via email at belsky.joseph@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'VE', followed by a horizontal line.

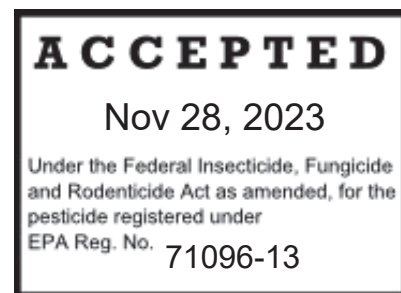
Venus Eagle, Product Manager 01
Invertebrate and Vertebrate Branch 3
Registration Division
Office of Pesticide Programs

Enclosure: Stamped label

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

Optional marketing logo/statement:



Active Ingredient:

Metaldehyde4.00%
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

If swallowed	<ul style="list-style-type: none">• Call poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
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 eye.• 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.
<p>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 and pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.</p> <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.</p> <p>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.</p> <p>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.</p>	

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. After applying this product for invasive mollusk eradication, do not reapply this product or other products containing metaldehyde to treated areas for 7 days.

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 out 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
- 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)
- Areas treated with Metaldehyde may be replanted immediately with crops registered for use on this label. Do not plant any crop not listed on this label in the treated area for at least 30 days after the last treatment with metaldehyde.

ADVISORY RESISTANCE MANAGEMENT

For resistance management, SLUG-FEST 4.0 contains metaldehyde, a systemic molluscicide that eliminates pests by destroying the mucus-producing glands of mollusks resulting in dehydration. Naturally occurring biotypes resistant to metaldehyde-based baits may still develop and become dominant after repeated use. Appropriate resistance-management strategies should be followed. The following steps can be used to delay the development of resistance:

- Rotate pest control methods when possible
- Use this product strictly in accordance with the label. Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with the manufacturer, your local university specialist or certified pest control advisor.
- If a pest population continues to persist after treatment with this product, discontinue use of this product, and switch to another management strategy, if available.
- If pest resistance is observed or suspected, please report to OR-CAL, Inc. at 541-689-4413.

OR-CAL SLUG-FEST 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, OR-CAL SLUG-FEST 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 with commercial application equipment designed for banded application of granular products.

For use on citrus, apply in a band under tree canopy 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.

Crop Use Site	Maximum Single Application Rate (lbs Product/A)	Minimum Days Between Retreatment	Maximum Number of Applications Per Season	Preharvest Interval	Maximum number of applications per year
Artichoke -perennial	25	18	6	0	12
-annual	25	18	2	0	4
Beet (garden, garden leaves) Only for use Oregon, Washington & Idaho	25	14	2	30	2

Berries: Caneberries (bingeberry, 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
Strawberries	25	14	3	0	6
Citrus	25	14	6	0	6
Clover (grown for seed) Not for use in California	20	10	2	0	2
Clover (forage and hay) Only for use in Oregon, Washington & Idaho	20	10	2	30	2
Celery, Rhubarb, Swiss Chard, Chinese Celery, Celtuce, Cardoon, and Florence Fennel	25	21	4	1	8
Ginseng	25	21	6	21	6
Hops Only for use in Oregon, Washington & Idaho	25	14	4	60	4
Peas and Bean	25	7	3	Pre-bloom	6
Peas and Bean (forage and hay)	25	7	3	1	6
Prickly Pear cactus	20	30	3	0	3
Rutabaga Only for use in Oregon, Washington & Idaho	25	14	2	40	4
Tomatoes	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
Turnip (root and tops) Only for use in Oregon, Washington & Idaho	25	14	2	20	4

Wheat (forage, grain, hay, straw) For use only in Oregon, Washington & Idaho	25	14	2	Prior to formation of seed head	4
Grass (grown for seed)	20	21	4	21	4
Grass (Forage and Hay)	20	14	4	21	4
Mint (Peppermint, Spearmint, and their Oils)	25	21	4	1	4
Taro (wetland): 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
*Corn (field and sweet)	25	7	4	0	4
**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)	10	7	3	0	3
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 State University Crop Guides:

Corn – https://graincrops.ca.uky.edu/files/corngrowthstages_2011.pdf

Soybean – http://crops.extension.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 OR-CAL Slug-Fest 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.

Optional Warranty Statement and marketing text

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

ALL STATEMENTS MADE HEREIN ARE SUBJECT TO APPLICABLE LAW, AND TO THE EXTENT THERE IS ANY INCONSISTENCY OR CONTENTION, APPLICABLE LAW SHALL GOVERN.

The Directions for Use of the product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label. EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS", AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE BEYOND WHAT IS STATED ON THE LABEL. Buyer and User accept all risks arising from any use of this product, including without limitation, uses contrary to label instructions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.

Neither Manufacturer nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE BUYER OR USER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT, OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

These Conditions of Sale and Limitation of Warranty and Liability shall be interpreted, unless otherwise required by the law of the state of purchase, in accordance with the laws of the State of California, excluding its conflicts of laws rules, and may not be amended by any oral or written agreement.

[] is/are (registered) trademark (s) of []

In Case of Spill, Call CHEMTREC: (800) 424-9300

Optional marketing logo(s)/statement(s):



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

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