




# ORCAL<sup>®</sup>

## SLUG-FEST

### ALL WEATHER FORMULA

**OR-CAL, INC.**  
**29454 MEADOWVIEW RD.**  
**JUNCTION CITY, OR. 97448**  
**(541) 689-4413**

#### ACTIVE INGREDIENT:

Metaldehyde (2,4,6,8-tetramethyl-1,3,5,7-tetraoxacyclo-octane) .....	25%
OTHER INGREDIENTS .....	75%
TOTAL .....	100%

Contains 2.1 pounds  
 Metaldehyde per gallon

ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE LABEL ARE TO BE FOLLOWED. SEE DIRECTIONS FOR USE IN BOOKLET.

## SHAKE WELL

5-15 / 9-11-12

Lasts longer under wet conditions

EPA Reg. No. 71096-4  
 EPA Est. No. 52251-OR-005

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

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.)

All applicable directions, restrictions and precautions on the label are to be followed. See Directions for Use in Booklet.

### NET CONTENTS

☐ 1 Gallon    ☐ 2.5 Gallons

## FIRST AID

### IF IN EYES

- 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 further treatment advice.

### IF SWALLOWED

- Call a poison control center or doctor for further 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

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

### IF ON SKIN OR CLOTHING

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

## 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 calling 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 National Pesticide Information 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:** 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 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. Avoid breathing spray mist or vapor. Avoid contact with eyes or clothing.

**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 the 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:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant footwear plus socks
- Protective eye wear
- Chemical resistant gloves
- Chemical resistant apron (for cleaning, mixing, or loading)

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 wash waters or rinsate. This pesticide is toxic to birds and mammals. Liquid on soil surface may be hazardous to terrestrial wildlife. Cover or collect any materials spilled during loading.

### **STORAGE AND DISPOSAL**

**Prohibitions:** 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 original container in a cool, secure location out of reach of children and pets. Protect from freezing.

**Pesticide Disposal:** To avoid wastes, use all materials 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 this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Triple rinse container (or equivalent) promptly after emptying. Offer for recycling, if available or offer for reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill or incineration.

**-For 50 lbs. container or less, triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**-For over 5 gallons or 50 lbs. container; triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

## 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.

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, for foliar application to watercress, and as specified for use in State and/or Federal invasive mollusk eradication operations.

## 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.

**REENTRY:** Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated areas without restriction if there will be no contact with anything that has been treated.



**EARLY ENTRY PPE:** 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, shoes plus socks, chemical resistant gloves made of any waterproof material, and protective eye wear.

### 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 treated area until sprays have dried.

### Precautions and 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, for foliar application to watercress, and as specified for use in State and/or Federal invasive mollusk eradication operations.
- Do not apply to dry soil. Thoroughly water areas to be treated before application.
- This product may be tank mixed with other compatible chemicals or fertilizers.
- Evening applications are preferred.

### SPECIAL USE:

This product may be used only on the following use sites in response to State and/or Federal invasive mollusk eradication operations. This product may be applied for State and/or Federal invasive mollusk eradication operations at an individual application rate of no more than 118 fl. oz. per treated acre (2 lb. a.i. per acre) in sufficient water for thorough coverage and at no more than six applications per year. 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.

**MIXING: Shake SLUG-FEST ALL WEATHER FORMULA well before mixing.** Thoroughly mix spray solution before application. Use entire mixed solution at one time. Do not store mixed solution. Can be used in hose-on type applications and sprinkling cans.

**ARTICHOKE - perennial:** Thoroughly water areas to be treated before application. Apply only to soil surface around plants and in rows between plants. Use equipment that applies directly to the soil surface. Do not apply to plant parts. Do not apply in such a manner as to cause drift of product onto plants. For best results, apply in the evening.

**SLUGS AND SNAILS:** Apply 59 fl. oz. per treated acre in sufficient water for thorough coverage OR 1.4 fl. oz. in ten gallons of water per treated 1,000 sq. ft. OR 1/2 tablespoon in two gallons of water per 200 sq. ft. Apply a maximum of 6 applications per season with at least 18 days between applications.

**ARTICHOKE – annual:** Thoroughly water areas to be treated before application. Apply only to soil surface around plants and in rows between plants. Use equipment that applies directly to the soil surface. Do not apply to plant parts. Do not apply in such a manner as to cause drift of product onto plants. For best results, apply in the evening.

**SLUGS AND SNAILS:** Apply 59 fl. oz. per treated acre in sufficient water for thorough coverage OR 5 to 10 oz. in ten gallons of water per treated 1,000 sq. ft. OR 1/2 tablespoon in two gallons of water per 200 sq. ft. Apply a maximum of 2 applications per season with at least 18 days between applications.

**BERRIES:** Caneberries (bingleberry, black raspberry, blackberry, boysenberry, dewberry, lowberry, marionberry, ollalieberry, red raspberry, youngberry) and Other Berries (cranberry, currant, elderberry, gooseberry, huckleberry, loganberry, lingonberry, juneberry, salal), Blueberries. Thoroughly water areas to be treated before application. Apply only to soil surface around plants and in rows between plants. Use equipment that applies directly to the soil surface. Do not apply to plant parts. Do not apply in such a manner as to cause drift of product onto plants. For best results, apply in the evening.

**SLUGS AND SNAILS:** Apply 47 fl. oz. per treated acre in sufficient water for thorough coverage OR 1 fl. oz. in ten gallons of water per treated 1,000 sq. ft. Apply a maximum of 3 applications per season with at least 14 days between applications.

**CITRUS:** Make application when foliage and fruit are completely dry but soil is wet following an irrigation. Apply to soil under trees. Use equipment that applies directly to soil surface. Do not apply to plant parts. Do not apply in such a manner as to cause drift of product onto trees. Do not apply directly to trees or fruit. For best results, apply in the evening.

**SLUGS AND SNAILS:** Apply 59 fl. oz. per treated acre in sufficient water for thorough coverage OR 1.5 fl. oz. in ten gallons of water per treated 1,000 sq. ft. OR 1/2 tablespoon in two gallons of water per 200 sq. ft. Apply a maximum of 6 applications per season with at least 14 days between applications.

**Lettuce, Cole Crops and Other Leafy Greens (broccoli, Brussels sprouts, cabbage, cauliflower, cavalo, celery, broccolo, collards, kale, kohlrabi, mizuna, mustard greens, spinach, swiss chard, rape greens) Tomatoes, Rhubarb and Strawberries.** Thoroughly water areas to be treated before application. Apply only to soil surface around plants and in rows between plants. Use equipment that applies directly to the soil surface. Do not apply to plant parts. Do not apply in such a manner as to cause drift of product onto plants. For best results, apply in the evening. **SLUGS AND SNAILS:** Apply 59 fl. oz. per treated acre in sufficient water for thorough coverage OR 1.4 fl. oz. in ten gallons of water per treated 1,000 sq. ft. OR 1/2 tablespoon in two gallons of water per 200 sq. ft. Apply a maximum of 3 applications per season with at least 14 days between applications.

**ORNAMENTALS:** Thoroughly water areas to be treated before application. Use equipment that applies directly to the soil surface. Apply evenly over infested areas and along flower beds adjacent to border or ground cover plants. Do not apply in such a manner as to cause drift of product onto plants. NOTE: Some slight tip burning has been noticed on extremely tender orchids. For best results, apply in the evening.

**SLUGS AND SNAILS:** Apply 59 fl. oz. per treated acre in sufficient water for thorough coverage OR 1.5 fl. oz. in ten gallons of water per treated 1,000 sq. ft. OR 1/2 tablespoon in two gallons of water per 200 sq. ft. Apply a maximum of 6 applications per season with at least 21 days between applications.

**PRICKLY PEAR CACTUS:** The ground onto which the Slug-Fest All Weather Formula is applied must be wet (via rainfall or irrigation). The crop may be harvested on the day of application.

**SLUGS AND SNAILS:** Apply Slug-Fest All Weather Formula to the ground in a line on each side of the crop, 1-3 feet from the base of the plants, at a rate of 47 fluid ounces per treated acre in sufficient water for thorough coverage at a minimum of 30 day intervals up to a maximum of 118 fluid ounces per acre per year.

**GRASS GROWN FOR SEED:** Uniformly spray directly on grass grown for seed. Withhold heavy watering for at least 2 days after treatment. Keep children and pets off the treated area until spray has dried. **SLUGS AND SNAILS:** Apply 47 fl. oz. per treated acre in sufficient water for thorough coverage OR 1 fl. oz. in ten gallons of water per treated 1,000 sq. ft. Apply a maximum of 4 applications per season with at least 21 days between applications.

**WATERCRESS: LABEL RESTRICTIONS FOR APPLICATION OF SLUG-FEST ON WATERCRESS**

**NOT REGISTERED FOR USE IN CALIFORNIA**

### **USE RESTRICTIONS**

- Application rate: 118 fl. oz. per acre (2 lbs. a.i. per acre).
- Do not make more than two applications per harvested crop.
- The first application cannot be made within two weeks following planting a new crop or one week following the harvest and start of a return crop. The second application can be made no closer than three days to harvest.
- A maximum of 4 applications per year can be made to a field.

**PRE-HARVEST INTERVAL:** 3 days.

### **USE DIRECTIONS**

- Fields to be treated with Slug-Fest must be drained for a minimum period of 24 hours prior to treatment and must remain drained for 24 hours following the treatment.
- Apply to the crop canopy.
- For optimum efficiency, apply Slug-Fest in the morning while dew is still on the plants and snails are visible on the plants.
- Watering restrictions: At the resumption of the flow-through irrigation cycle, the first hour effluent from the treated beds must be held or re-circulated on site for five days or longer.
- The average depth of water in the watercress beds should be between 1 to 1.5 inches while watercress is in production.
- Make applications by ground sprayer equipment with a minimum of 50 gallons of water per acre. Applications can also be made through chemigation system. When chemigation is used, follow the directions for chemigation system.

### **CHEMIGATION USE INSTRUCTIONS**

Apply Slug-Fest only through solid set irrigation system. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialist. Do not connect an irrigation system used for pesticide application to a public water system.

## OPERATING INSTRUCTIONS:

1. The irrigation system must contain a functional check-valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back towards the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. System must use a metering pump effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
6. Do not apply when wind speed favors drift beyond the area to be treated.
7. Part circle sprinklers should be installed at the periphery of the fields to prevent an off-target application.
8. Slug-Fest must be applied on the schedule specified in the specific crop use directions, and not according to the irrigation schedule.
9. Do not inject Slug-Fest at full strength. Dilute in adequate amount of water prior to injecting in the irrigation system for chemigation.

### IMPORTANT: READ BEFORE USE

Read the entire Directions for Use. Conditions of Warranties and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer or Warranties and Limitation of Liability.

**Conditions:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness of other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of OR-CAL Inc. All such risks shall be assumed by the user or buyer.

**Disclaimer or Warranties:** To the extent consistent with applicable law, OR-CAL Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of OR-CAL Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, OR-CAL Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**Limitations of Liability:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at OR-CAL Inc's election, the replacement of product.