

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Irene Boone Agent for OR-CAL, Inc. RSI 17220 Westview Rd. Lake Oswego, OR 97034 OCT 1 2009

Subject:

OR-CAL Bio-Sul Slug and Snail Bait

EPA Registration No. 71096-16

Your amendment dated July 17, 2009

Decision Number: 418247

#### Dear Ms. Boone:

The amended label referred to above, submitted in connection with registration under section 3(c)(7)(a) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable provided you make the following changes:

- 1. Page 3: under the **DIRECTIONS FOR USE** section <u>after</u> the statement ending with "...inconsistent with its labeling.", add the following statement: "Do not enter or allow others to enter until the application site is dry."
- 2. Page 5 & 11: revise the statement "Remains effect after rain or sprinkling" to read, "Remains effective after rain or sprinkling for up to 3 weeks."
- 3. Pages 5 & 11: remove the statement, "Ideal for use around domestic animals (pets) and wildlife."
- 4. Pages 5 & 11: remove the statement, "Ideal for use by domestic animal (pet) owners."
- 5. Pages 5 & 11: remove the statement, "Can be used around domestic animals (pets) and wildlife."
- 6. Pages 5 & 11: remove the statement, "Can be used around domestic animals (pets) and wildlife when used as directed."
- 7. Pages 5 & 11: remove the statement, "Next generation formula ideal for use around domestic animals (pets)."
- 8. Pages 5 & 12: remove the statement, "Biodegradable formula."

- 9. Pages 5 & 12: remove the statement, "Fast-acting, long-lasting, and ideal for use around domestic animals (pets) and wildlife."
- 10. Pages 5 & 12: remove the statement, "Fast & Long-Lasting (snail & slug) bait/killer/control with naturally occurring active ingredient/formula."
- 11. Pages 5 & 12: remove the statement, "Fast & Long-Lasting (snail & slug) bait/killer/control that can be used around domestic animals (pets) and wildlife."
- 12. Page 5 & 12: revise the statement "Kills/Controls (snails & slugs) fast/within X days" to read "Kills/Controls (snails & slugs) fast/within 1-3 days."
- 13. Page 5 & 12: revise statement "Works fast and provides long lasting control" to read "Works fast and provides long lasting control until granules are dissolved by rain."
- 14. Pages 6 & 12: remove the statement, "Rain-proof formula."
- 15. Pages 6 & 12: remove the statement, "Rain-fast formula."
- 16. Pages 6 & 12: remove the statement, "Snail & Slug bait/killer and/plus/+fertilizer in one application."
- 17. Pages 6 &12: remove the statement, "Dual Action. Protects plants (from snails & slugs) and/plus/+feeds in one application."
- 18. Pages 6 & 12: remove the statement, "Protects/Defends against plant damage and/plus/+feeds in one application."
- 19. Pages 6 & 12: remove the statement, "Includes fertilizer to help revitalize (snail & slug) damage(d) (to) plants."
- 20. Pages 6 & 12: remove the statement, "Feeds/Fertilizes plant to help recover from snail & slug damage."
- 21. Pages 6 & 12: remove the statement, "Provides/Returns (valuable)(sulfur and calcium) nutrients to the soil/plant(s)."
- 22. Pages 6 & 12: remove the statement, "Also feeds/fertilizes (soil/plants).
- 23. Pages 6 & 13: remove the statement, "Next generation/breakthrough (snail & slug) technology/formula/active ingredient/bait."
- 24. Page 8: under **ENVIRONMENTAL HAZARDS**, revise the first sentence by deleting "For terrestrial uses."
- 25. Page 10: revise statement "Grass grown for Seed Production, Wheat" to read "Grass Grown for Seed Production and Wheat."

One copy of the label stamped "Accepted with Comments" is enclosed for your records. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment. If you have any questions, please contact Heather Garvie by phone at: 703-308-0034 or via email at: <a href="mailto:garvie.heather@epa.gov">garvie.heather@epa.gov</a>.

Sincerely,

Mary L. Waller

Product Manager (21)

Fungicide Branch

Registration Division (7505P)

## OR-CAL BIO-SUL SLUG AND SNAIL BAIT

**ACTIVE INGREDIENT:** 

SUBLABEL A: Home and Garden Use SUBLABEL B: Commercial Agriculture use

#### **KEEP OUT OF REACH OF CHILDREN**

#### **CAUTION**

EPA REGISTRATION NUMBER: 71096-16
EPA ESTABLISHMENT NUMBER: 66876-OR-001

REGISTRANT: OR-CAL, Inc.

29454 Meadowview Rd. Junction City, OR 97448 541/689-5026

Home & Garden Use: NET WEIGHT: 1 oz., 13 oz., 26 oz, 0.5 lb, 1 lb, 1.25 lbs, 1.5 lbs. 2 lbs., 2.5 lbs., 3 lbs., 3.2 lbs., 4.25 lbs., 5 lbs., 5.5 lbs., 6 lbs., 7 lbs., 8.5 lbs., 10 lbs., 20 lbs., 25 lbs.

Commercial Agriculture Use: NET WEIGHT: 20 lbs., 25 lbs., 40 lbs., 50 lbs., 55 lbs., 100 lbs., 2000 lbs.

ACCEPTED
with COMMENTS
Im EPA Letter Dated
OCT 1 2009

Under the Federal Insecticide, Fundicide, and Rodenticide Act as amended, for the pesticide registered up a EPA Reg. No.

71096-16

#### SUBLABEL A: Home and Garden Use

### OR-CAL BIO-SUL SLUG AND SNAIL BAIT

EPA Registration Number 71096-16

EPA Establishment Number 66876-OR-001

#### **KEEP OUT OF REACH OF CHILDREN**

#### CAUTION

#### **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 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 treatment advice.

#### **HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Telecommunications Network hotline at 1-800-858-7378 for emergency medical treatment information.

NET WEIGHT: 1 oz., 13 oz., 26 oz., 0.5 oz., 1 lb., 1.25 lb, 1.5 lbs., 2 lbs., 2.5 lbs., 3 lbs., 3.2 lbs., 4.25 lbs., 5 lbs., 5.5 lbs., 6 lbs., 7 lbs., 8.5 lbs., 10 lbs., 20 lbs., 25 lbs.

#### PRECAUTIONARY STATEMENTS

#### **Hazards to Humans and Domestic Animals**

Caution. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

#### **Environmental Hazards**

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

#### **DIRECTIONS FOR USE**

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

#### HOME AND GARDEN

HOW TO APPLY: Scatter the slug and snail bait pellets on the soil around or near the plants to be protected. For broadcast application, use standard broadcast spreaders. For row application, use standard granular spreaders. Apply bait evenly at approximately 1 lb. per 1000 square feet, or for smaller areas, 0.15 oz or 1 level teaspoon, per square yard, and reapply as the bait is consumed or at least every three weeks. Do not place in piles. If the ground is dry, wet it before applying bait. The product works best when soil is moist but with little or no standing water.

Reapply as the bait is consumed or at least every three weeks. Apply more heavily if the infestation is severe, if the area is heavily watered or after long periods of heavy rain. See specific directions for different plant types and for inside greenhouses.

WHEN TO APPLY: Evening is the best time to apply the bait, as slugs and snails travel and feed mostly by night or early morning.

WHERE TO APPLY: Treat all likely areas of infestation, especially around the perimeter of garden plots because these pests travel into plant areas from daytime refuges. They favor damp places around vegetable plants such as bean, tomatoes, lettuce, cabbage, celery and squash. Other favorite areas are flower garden, rockeries, hedges, dicondra, lawns, citrus groves, ivy patches, and other ground cover where they obtain shelter by day.

#### **Vegetables**

The bait can be used to protect the following vegetables from slug and snail damage: artichokes, asparagus, beans, beets, blackeyed peas, broccoli, Brussels sprouts, cabbage, cantaloupe, carrots, cauliflower, corn, cucumbers, eggplants, garlic, kale, lettuce, onions, parsley, peas, peppers, potatoes, radishes, rutabagas, spinach, squash, Swiss chard, tomatoes, and turnips. Scatter the bait around the perimeter of the vegetable plot at approximately 0.5-1 lb per 1000 square feet, or for smaller areas, 0.15 oz. or 1 level teaspoon, per square yard, to provide a protective "barrier" for slugs and snails entering the garden plot. If slugs or snails are inside the rows, then scatter the bait on the soil around the base of the plants and between rows.

#### **Fruits including Citrus**

The bait can be used to protect the following fruits from slugs and snails: apples, avocados, apricots, cherries, grapes, melons, peaches, plums, citrus, pears. For seedlings, spread the bait around the base of the stem. Apply at 0.15 oz, or 1 level teaspoon, per square yard, in a 6 inch circular band around the base of the plants to be protected. For older trees, spread the bait around the base of the tree to intercept slugs and snails traveling to the trunk. Apply the bait at approximately 0.5-1 lb. per 1000 square feet for orchards using standard fertilizer granular spreaders.

#### **Berries**

The bait can be used to protect the following berries from slugs and snails: strawberries, blackberries, blueberries, boysenberries, loganberries, raspberries. Spread the bait around the perimeter of the plot to

intercept slugs and snails migrating toward the berries. Use a rate of approximately 0.5-1 lb. per 1000 square feet, or for smaller areas, 0.15 oz., or 1 level teaspoon, per square yard, and scatter by hand or with granular spreaders. If slugs and snails are already in the plots, then carefully spread bait between the furrows near the base of the plants. For small plots, treat around the base of the plants to be protected. Do not spread over the entire area but apply selectively.

#### **Outdoor Ornamentals**

Scatter bait in a 6 inch circular band around the base of the plants to be protected at 0.15 oz., or 1 level teaspoon, per square yard. If plants are next to a grassy area, spread the bait between the ornamentals and the grass. Slugs and snails traveling to the plants will encounter the bait before reaching the plant. In these situations, scatter the bait around the perimeter of the plot at approximately 1 lb. per 1000 square feet to intercept snails and slugs traveling to the plot.

#### Greenhouses

Where slugs or snails are a problem in greenhouses, scatter the bait in the plant pots or plants being damaged or around pots on greenhouse benches. Apply about ½ teaspoon per 9 inch pot.

#### Lawns

The bait can be used to protect lawns. When slugs or snails are detected, scatter the bait at a rate of approximately 0.5-1 lb. per 1000 square feet, or for smaller areas, 0.15 oz., or 1 level teaspoon, per square yard. Use a granular spreader to scatter bait where the slugs or snails are observed.

#### STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store this product in its original container and keep in a secure storage area out of reach of children and domestic animals.

CONTAINER DISPOSAL: **If empty**: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or place in trash. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

#### CONDITIONS FOR SALE

Important: Read these entire Directions and Conditions for Sale before using OR-CAL BIO-SUL 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. Manufacturer makes no other express or implied warranty. To the extent consistent with applicable law, the manufacturer shall not be liable for consequential, special or indirect damage resulting from the use or handling of this product.

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

The following claims and product information, may or may not be presented on the product's label and labeling:

-Low Application rate

- -Now Covers Up to XXX Square Feet
- -Quick Facts

#### -Product Facts

- -What It Does: Kills slugs and snails
- -Where to Use: For use around vegetables, fruit trees, citrus, berries, ornamentals, shrubs, flowers, Trees, lawns, gardens and in greenhouses.
- -Read the Label First.
- -The highly compressed granules (pellets) are easy to use and economical.
- -Easy-to-use (ready-to-use) RTU granular (pellet) formulation.
- -Easy to apply granules.
- -Small pellets for even coverage.
- -Kills Snails & Slugs.
- -Treats (will treat) x,xxx sq. ft.
- -Remains effective after rain or sprinkling.
- -Proven snail & (and) slug killer (kill, control).
- -Convenient. Easy-to-use. Requires no mixing, spraying, or special applicators.
- -Money back Guarantee. If you are not satisfied with this product, we will gladly refund your original purchase price.
- -Can be use in vegetable gardens.
- -For use around vegetables, fruit trees, citrus, berries, ornamentals, shrubs, flowers, trees, lawns, gardens, and in greenhouses.
- -Use around flowers, gardens, and fruit trees.
- -Sulfur occurs naturally in the soil.
- -Ideal for use around domestic animals (pets) and wildlife.
- -Ideal for use by domestic animal (pet) owners.
- -Can be used around domestic animals (pets) and wildlife.
- -Can be used around domestic animals (pets) and wildlife when used as directed
- -Next generation formula ideal for use around domestic animals (pets).
- -Perfect/Ideal for home gardening.
- -Biodegradable formula
- -Dual-Action Formula. Attracts and kills (snails & slugs).
- -Highly attractive (bait)(to snails and slugs).
- -Attracts/Lures snails & slugs (from plants) fast/within 1 hour.
- -Begins to kill (snails & slugs) fast/within 1-3 days.
- -Begins killings (snails & slugs) fast/within 1-3 days.
- -Snails & slugs begin to die within 1-3 days (after application).
- -Kills/Controls (snails & slugs) fast/within (X) days.
- -Visible results fast/within 1-3 days.
- -Stops plant damage fast/within 1-3 days.
- -Protects plants (from snails & slugs) within 1-3 days.
- -Begins to kill fast/within 1-3 days & effective/lasts/protects for up to 3 weeks
- -Works fast and provides long lasting control.
- -Fast -acting, long-lasting, and ideal for use around domestic animals (pets) and wildlife.
- -Fast and Long-Lasting (snail & slug) bait/killer/control with naturally occurring active ingredient/formula.
- -Fast & Long-Lasting (snail & slug) bait/killer/control that can be used around domestic animals (pets) and wildlife.
- -Read Entire Container Label Before Using this Product.
- -The active ingredient in this product is exempt from the requirement for a tolerance.
- -For broadcast application standard broadcast applicators may be used, such as (but not limited to): Cyclone
- -Baits and Kills
- -For household home garden use.
- -Kills a wide variety of slugs and snails

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- -Effective against a wide variety of slugs and snails
- -Lures slugs and snails from hiding places and plants.
- -No slime trails
- -No messy cleanup.
- -Dead snails, no slime trails.
- -Attracts and kills slugs and snails.
- -May be used up to and including day of harvest.
- -Does not contain metaldehyde.
- -Easy to see Pellet
- -Effective for up to 3 weeks
- -Protects/Defends plants for up to 3 weeks.
- -Protects/Defends against plant damage (from snails and slugs) for up to 3 weeks.
- -Rain-proof formula.
- -Rain-fast formula.
- -Snail & Slug bait/killer and/plus/+fertilizer in one application.
- -Dual Action. Protects plants (from snails & slugs) and/plus/+feeds in one application.
- -Protects/Defends against plant damage and /plus/+feeds in one application.
- -Includes fertilizer to help revitalize (snail & slug) damage(d) (to) plants.
- -Feeds/Fertilizes plant to help recover from snail & slug damage.
- -Provides/Returns (valuable)(sulfur and calcium) nutrients to the soil/plant(s).
- -Also feeds/fertilizes (soil/plants).
- -Unique, patented formula/formulation.
- -Protecting your plants from snails & slugs has never been easier.
- -Guaranteed Results
- -Convenient/Easy-to-use (Shake 'N Feed) applicator.
- -Packaging made from xx% recycled/recyclable materials
- -Non-staining formula
- -Won't stain (sidewalks/pots/planters).
- -No/Low odor formula.
- -Next generation/breakthrough (snail & slug) technology/formula/active ingredient/bait.

GENERAL INFORMATION ABOUT OR-CAL BIO-SUL SLUG AND SNAIL BAIT and HOW IT WORKS
This product is a unique blend of the active ingredient, sulfur, with slug and snail bait additives. Sulfur is an element found in nature and used in many fertilizers. The bait will degrade and become a part of the soil.

The bait is attractive to slugs and snails and lures them from their hiding places. Ingestion of the bait will cause them to cease feeding. After eating the bait, the slugs and snails cease feeding, become less mobile and begin to die within one to three days. Dead slugs and snails may not be visible as they often crawl away to secluded places to die. Plant protection will be observed in the decrease in plant damage.

This product is effective against a wide variety of slugs and snails and will give protection to home lawns, gardens, greenhouses, outdoor ornamentals, vegetable gardens, fruits, berries, citrus and crop plants. The bait can be scattered on the lawn or on the soil around any vegetable plants, flowers or fruit trees or bushes to be protected.

SUBLABEL B: Commercial Agriculture Use

OR-CAL BIO-SUL Slug & Snail Bait

Active Ingredient:	By weight
Sulfur	1.0%
Other Ingredients	<u>99.0%</u>
Total	100.0%

#### **KEEP OUT OF REACH OF CHILDREN**

#### **CAUTION**

EPA Registration Number 71096-16

EPA Establishment Number 66876-OR-001

#### **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 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 treatment advice.

#### **Hotline Number**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Telecommunications Network hotline at 1-800-858-7378 for emergency medical treatment information.

NET WEIGHT: 20 lbs, 25 lbs, 40 lbs, 45 lbs, 50 lbs, 55 lbs, 100 lbs, 2000 lbs

#### PRECAUTIONARY STATEMENTS

**Hazards to Humans and Domestic Animals:** Caution. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**Personal Protective Equipment (PPE) Requirements:** Applicators and other handlers must wear: long-sleeved shirts and long pants, shoes plus socks, chemical resistant gloves made out of any waterproof material, and protective eyewear. Follow manufacturer's instructions for maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### User Safety Recommendations

- •Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- •Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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.

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#### **ENVIRONMENTAL HAZARDS**

For terrestrial uses. 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 disposing of equipment washwater or rinsate.

#### **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 manner that will contact workers or other persons, either directly or through drift. Only protected workers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribe agency representative responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product 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) and the restricted-entry interval. The requirement in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

Do not enter or allow worker entry into the treated areas during the restricted-entry interval (REI) of 24 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 or long sleeved shirt and long pants, chemical-resistant gloves made of any waterproof materials, shoes plus socks, and protective eyewear.

#### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter until application site is dry.

#### **COMMERCIAL AGRICULTURE**

HOW TO APPLY: Scatter the slug and snail bait pellets on the soil around or near the plants to be protected. For broadcast application, use standard broadcast spreaders. For row application, use standard granular spreaders. Apply the higher rates if the infestation is severe or if the area is heavily watered or after long periods of heavy rain. Reapply as the bait is consumed or at least every three weeks.

Do not place in piles. If the ground is dry, wet it before applying bait. The product works best when soil is moist but with little or no standing water. See specific directions for different plant types and for inside greenhouses.

WHEN TO APPLY: Evening is the best time to apply the bait, as slugs and snails travel and feed mostly at night or early morning.

WHERE TO APPLY: All likely areas of infestation should be treated, especially around the perimeter of garden plots because these pests travel into plant areas from daytime refuge sites. They favor damp places around vegetable

plants such as beans, tomatoes, lettuce, cabbage, celery and squash, and in weeds or ditches around field margins. Other favorite areas are flower gardens, rockeries, hedges, dicondra lawns, citrus groves, ivy patches, and other ground cover where they obtain shelter by day.

#### **Vegetables**

The bait can be used to protect the following vegetables from slug and snail damage: artichokes, asparagus, beans, beets, blackeyed peas, broccoli, Brussels sprouts, cabbage, cantaloupe, carrots, cauliflower, corn, cucumbers, eggplants, garlic, kale, lettuce, onions, parsley, peas, peppers, potatoes, radishes, rutabagas, spinach, squash, Swiss chard, tomatoes, and turnips. Scatter the bait around the perimeter of the vegetable plantings at the rate of 20-44 lbs per acre (0.5-1 lb per 1,000 square feet) to provide a protective "barrier" for slugs and snails entering the vegetable plantings. If slugs or snails are inside the rows, then scatter the bait on the soil around the base of the plants and between rows.

#### **Fruits including Citrus**

The bait can be used to protect the following fruits from slugs and snails: apples, avocados, apricots, chemies, grapes, melons, peaches, plums, citrus, pears. For seedlings, spread the bait around the base of the stem. Apply at 0.15 oz, or 1 level teaspoon, per square yard, in a 6 inch circular band around the base of the plants to be protected. For older trees, spread the bait around the base of the tree to intercept slugs and snails traveling to the trunk. Apply the bait at 20-44 lbs. per acre (0.5-1 lb. per 1000 square feet) for orchards, using standard fertilizer granular spreaders. Use the higher rates for heavy infestations.

#### **Berries**

The bait can be used to protect the following berries from slugs and snails: strawberries, blackberries, blueberries, boysenberries, loganberries, raspberries. Spread the bait around the perimeter of the plot to intercept slugs and snails migrating toward the berries. Use a rate of 20-44 lbs. per acre (0.5-1 lb. per 1000 square feet) and scatter by hand or with granular spreaders. If slugs and snails are already in the plots, then carefully spread bait between the furrows near the base of the plants. For small plots, treat around the base of the plants to be protected. Do not spread over the entire area but apply selectively.

#### **Field Crops**

The bait can be used to protect the following field and seed crops from slugs and snails: beans, field corn, sweet corn, soybeans, sugarbeets, sugar cane, asparagus, beets, broccoli, Brussels sprouts, cabbage, carrots, cauliflower, cucumbers, lettuce, onions, peas, peppers, potatoes, radishes, strawberries, tomatoes, and turnips. At the seedling and later stages, apply the bait between the rows and around the perimeter of the field. Scatter pellets at a rate of 20-44 lbs. per acre (0.5-1 lb per 1,000 square feet). Use the higher dosage rate for heavier infestations.

#### **Artichokes**

The bait can be used to protect artichokes from slugs and snails. At the seedling and later stages, apply the bait within the rows and around the perimeter of the field. Scatter pellets at a rate of 10-44 lbs. per acre (0.23-1 lb per 1,000 square feet). Use the higher dosage rate for heavier infestations.

#### **Outdoor Ornamentals**

Scatter bait in a 6 inch circular band around the base of the plants to be protected at 0.15 oz., or 1 level teaspoon, per square yard. If plants are next to a grassy area, spread the bait between the ornamentals and the grass. Slugs and snails traveling to the plants will encounter the bait before reaching the plant. In these situations, scatter the bait around the perimeter of the plot at approximately 1 lb. per 1000 square feet to intercept snails and slugs traveling to the plot.

#### Greenhouses

Where slugs or snails are a problem in greenhouses, scatter the bait in the plant pots or plants being damaged or around pots on greenhouse benches. Apply about ½ teaspoon per 9 inch pot.

#### **Outdoor Container-Grown Nursery Plants**

Where slugs or snails are a problem is outdoor nurseries, scatter the bait in the plant containers at the rate of 1 tablespoon per container of plants being damaged, or scatter around the soil near the containers at the rate of 1 teaspoon per square yard (24-44 lbs. per acre).

#### Lawns

The bait can be used to protect lawns. When slugs or snails are detected, scatter the bait at a rate of approximately 0.54 lb. per 1000 square feet (24-44 lbs per acre). Use the higher rate for heavy infestations. Scatter by hand or with a granular spreader where the slugs or snails are observed.

#### **Grass Grown for Seed Production, Wheat**

The bait can be used to protect grass grown for seed production and wheat. When slugs or snails are detected, scatter the bait at a rate of approximately 0.23 to 1 lb per 1000 square feet (10-44 lbs. per acre). Use the higher rate for heavy infestations. Scatter by hand or with a granular spreader where the slugs or snails are observed.

#### **Non-Crop Areas**

The bait can be used to protect the following non-crop areas: 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 road sides; guardrails and fences; lumberyards; storage areas; industrial facility sites, including yards and walkways around industrial building; parking areas, parks, golf courses, other public areas; airport and similar industrial non-crop areas. Apply at a rate of approximately 20-44 lbs /acre (0.5-1 lb per 1,000 square feet). Use the higher rate for heavy infestations.

#### STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store this product in its original container and keep in a secure storage area out of reach of children and domestic animals.

PESTICIDE DISPOSAL: Clean container properly after emptying. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty drum, bag, box or tote into application equipment. Then dispose of empty drum, bag, box or tote by offering for recycling, if available, or in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### CONDITIONS FOR SALE

Important: Read these entire Directions and Conditions for Sale before using OR-CAL BIO-SUL Slug & Snail Bait. 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. Manufacturer makes no other express or implied warranty. To the extent consistent with applicable law, the manufacturer shall not be liable for consequential, special or indirect damage resulting from the use or handling of this product.

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

The following claims and product information, may or may not be presented on the product's label and labeling:

- -Quick Facts
- -NOTE: This package is sold by weight. Contents may have settled during shipment.
- -Low Application rate
- -Now Covers Up to XXX Square Feet
- -Product Facts
  - -What It Does: Kills slugs and snails
  - -Where to Use: For use around vegetables, fruit trees, citrus, berries, ornamentals, shrubs, flowers, Trees, lawns, gardens and in greenhouses.
- -Read the Label First.
- -The highly compressed granules (pellets) are easy to use and economical.
- -Easy-to-use (ready-to-use) RTU granular (pellet) formulation.
- -Easy to apply granules.
- -Small pellets for even coverage.
- -Kills Snails & Slugs.
- -Treats (will treat) x,xxx sq. ft.
- -Remains effective after rain or sprinkling.
- -Proven snail & (and) slug killer (kill, control).
- -Convenient. Easy-to-use. Requires no mixing, spraying, or special applicators.
- -Money back Guarantee. If you are not satisfied with this product, we will gladly refund your original purchase price.
- -Can be use in vegetable gardens.
- -For use around vegetables, fruit trees, citrus, berries, ornamentals, shrubs, flowers, trees, lawns, gardens, and in greenhouses.
- -Use around flowers, gardens, and fruit trees.
- -Sulfur occurs naturally in the soil.
- -Ideal for use around domestic animals (pets) and wildlife.
- -Ideal for use by domestic animal (pet) owners.
- -Can be used around domestic animals (pets) and wildlife.
- -Can be used around domestic animals (pets) and wildlife when used as directed
- -Next generation formula ideal for use around domestic animals (pets).
- -Perfect/Ideal for home gardening.

- -Biodegradable formula
- -Dual-Action Formula. Attracts and kills (snails & slugs).
- -Highly attractive (bait)(to snails and slugs).
- -Attracts/Lures snails & slugs (from plants) fast/within 1 hour.
- -Begins to kill (snails & slugs) fast/within 1-3 days.
- -Begins killings (snails & slugs) fast/within 1-3 days.
- -Snails & slugs begin to die within 1-3 days (after application).
- -Kills/Controls (snails & slugs) fast/within (X) days.
- -Visible results fast/within 1-3 days.
- -Stops plant damage fast/within 1-3 days.
- -Protects plants (from snails & slugs) within 1-3 days.
- -Begins to kill fast/within 1-3 days & effective/lasts/protects for up to 3 weeks
- -Works fast and provides long lasting control.
- -Fast -acting, long-lasting, and ideal for use around domestic animals (pets) and wildlife.
- -Fast and Long-Lasting (snail & slug) bait/killer/control with naturally occurring active ingredient/formula.
- -Fast & Long-Lasting (snail & slug) bait/killer/control that can be used around domestic animals (pets) and wildlife.
- -Read Entire Container Label Before Using this Product.
- -The active ingredient in this product is exempt from the requirement for a tolerance.
- -For broadcast application standard broadcast applicators may be used, such as (but not limited to): Cyclone
- -Baits and Kills
- -For household home garden use.
- -Kills a wide variety of slugs and snails
- -Effective against a wide variety of slugs and snails
- -Lures slugs and snails from hiding places and plants.
- -No slime trails
- -No messy cleanup.
- -Dead snails, no slime trails.
- -Attracts and kills slugs and snails.
- -May be used up to and including day of harvest.
- -Does not contain metaldehyde.
- -Easy to see Pellet
- -Effective for up to 3 weeks
- -Protects/Defends plants for up to 3 weeks.
- -Protects/Defends against plant damage (from snails and slugs) for up to 3 weeks.
- -Rain-proof formula.
- -Rain-fast formula.
- -Snail & Slug bait/killer and/plus/+fertilizer in one application.
- -Dual Action. Protects plants (from snails & slugs) and/plus/+feeds in one application.
- -Protects/Defends against plant damage and /plus/+feeds in one application.
- -Includes fertilizer to help revitalize (snail & slug) damage(d) (to) plants.
- -Feeds/Fertilizes plant to help recover from snail & slug damage.
- -Provides/Returns (valuable)(sulfur and calcium) nutrients to the soil/plant(s).
- -Also feeds/fertilizes (soil/plants).
- -Unique, patented formula/formulation.
- -Protecting your plants from snails & slugs has never been easier.
- -Guaranteed Results
- -Convenient/Easy-to-use (Shake 'N Feed) applicator.
- -Packaging made from xx% recycled/recyclable materials
- -Non-staining formula
- -Won't stain (sidewalks/pots/planters).
- -No/Low odor formula.

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-Next generation/breakthrough (snail & slug) technology/formula/active ingredient/bait.

GENERAL INFORMATION ABOUT OR-CAL BIO-SUL SLUG & SNAIL BAIT and HOW IT WORKS
This product is a unique blend of the active ingredient, sulfur, with slug and snail bait additives. Sulfur is an element found in nature and used in many fertilizers. The bait will degrade and become a part of the soil.

The bait is attractive to slugs and snails and lures them from their hiding places. Ingestion of the bait will cause them to cease feeding. After eating the bait, the slugs and snails cease feeding, become less mobile and begin to die within one to three days. Dead slugs and snails may not be visible as they often crawl away to secluded places to die. Plant protection will be observed in the decrease in plant damage.

This product is effective against a wide variety of slugs and snails and will give protection to home lawns, gardens, greenhouses, outdoor ornamentals, vegetable gardens, fruits, berries, citrus and crop plants. The bait can be scattered on the lawn or on the soil around any vegetable plants, flowers or fruit trees or bushes to be protected.