

# IRONFIST™

## SLUG AND SNAIL BAIT

**Read** Entire Container Label Before Using This Product

The active ingredient in this product is exempt from the requirement for a tolerance when used as a molluscicide in or on all food commodities. Can be used around domestic animals (pets) and wildlife.

Active Ingredient:	By weight
Sodium Ferric EDTA.....	2.0 %
Other Ingredients .....	98.0 %
Total .....	100.0 %

NET WEIGHT 25 LBS

EPA Registration #67702-32-87865 EPA Establishment No. 48498-CA-2

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



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**ENGAGE**AGRO

Manufactured For:

Engage Agro USA, LLC

118 E. Carleton Street, Suite A, Prescott, AZ 86303

Phone: 928-445-7990

### IRONFIST Slug and Snail bait

- Kills snails and slugs
- For use around vegetables, fruit trees, citrus, berries, ornamentals, shrubs, flowers, trees, lawns, gardens and in greenhouses
- The highly compressed pellets are easy to use, clean to handle and economical
- No mixing required
- Easy to use short pellets
- Plant protection will be observed in the decrease in plant damage
- Effective under wet and dry conditions
- May be used in areas where there are dogs, cats and birds
- Remains effective after rain or sprinkling
- Can be used up to and including day of harvest

#### 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.

##### Hotline Number

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticide Information Center at 1-800-858-7378 seven days a week, 6:30 am to 4:30 Pacific Time (NPIC Web site: [www.npic.orst.edu](http://www.npic.orst.edu))

#### 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

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. Offer for recycling, if available. Completely empty metal drum, plastic bag, box or plastic tote into application equipment. Then dispose of empty metal drum, plastic bag, box or plastic tote in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### 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 and before eating, drinking, chewing gum, using tobacco or using the toilet.

##### Personal Protective Equipment (PPE) Requirements

Applicators and other handlers must wear: long-sleeved shirts and long pants; and shoes plus socks. 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.

#### 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 Tribal 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 requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

**There is a restricted-entry interval of zero hours for this product.**

### 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.

**There are no restrictions.**

### HOW TO APPLY

Scatter the slug and snail bait granules on the soil around or near the plants to be protected. Do not apply bait directly to soft-leaved plants. May be applied with other baits or fertilizers of similar particle size. 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 two weeks. Do not place in piles. See specific directions for different plant types and for inside greenhouses.

### WHERE TO APPLY

Treat all likely areas of infestation, especially around perimeters of plots where these pests travel into plant areas from daytime refuge sites. Slugs/snails favor damp places and in weeds or ditches around field margins. Other favorite areas are flower gardens, rockeries, hedges, dichondra lawns, citrus groves, ivy patches, and other ground cover where they obtain shelter by day.

### AMOUNT TO APPLY

10-40 lbs/acre or 0.25-1.0 lbs/1000 sq. ft.

1 teaspoons/sq. yd.

Use higher rates when slug/snail infestations are high.

### Vegetables

Use the bait to protect any vegetables from slug and snail damage, including (but not limited to): artichokes, asparagus, beans, beets, blackeyed peas, broccoli, Brussels sprouts, cabbage, cantaloupe, carrots, cauliflower, celery, corn, cucumbers, eggplants, endive, garlic, ginseng, lettuce, mustard greens, okra, onions, parsnips, peas, peppers, potatoes, radishes, rutabagas, spinach, squash, sweet potatoes, Swiss chard, tomatoes and turnips. Scatter the bait around the perimeter of the vegetable plantings 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 plants and between the rows.

### Fruits Including Citrus

Use the bait to protect fruits from slugs and snails, including (but not limited to): apples, avocados, apricots, cherries, grapes, melons, peaches, plums, nectarines, citrus, pears. For seedlings spread the bait around the base of the stem. Apply in a 6 inch circular band around the base of the plants to be pro-

### Nut Trees

Use this bait to protect nut trees from slugs and snails, including (but not limited to): almonds, hazelnuts, pecans, and walnuts. For seedlings spread the bait around the base of the stem. Apply 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 using standard fertilizer granular spreaders.

### Berries

Use the bait to protect berries from slugs and snails, including (but not limited to): strawberries, blackberries, blueberries, boysenberries, loganberries, and raspberries. Spread the bait around the perimeter of the plot to intercept slugs and snails migrating toward the berries. 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 apply selectively.

### Herbs

Use the bait to protect any herbs from slug and snail damage, including (but not limited to): arugula, angelica, basil, chervil, dill, hops, marjoram, mint, oregano, sage, thyme. Scatter the bait around the perimeter of the area to provide a protective "barrier" for slugs and snails entering the plot or field. If slugs or snails

are inside the rows, then scatter the bait on the soil around the base of the plants and between the rows.

### Field Crops

Use the bait to protect field and seed crops from slugs and snails, including: barley, beans, canola, field corn, sweet corn, soybeans, sugarbeets, sugar cane, tobacco, asparagus, beets, broccoli, Brussels sprouts, cabbage, carrots, cauliflower, cucumbers, lettuce, oats, 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.

### Artichokes

Use the bait 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.

### Outdoor Ornamentals

Scatter bait in a 6 inch circular band around the base of the plants to be protected. 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.

### Greenhouses

Where slugs or snails are a problem in greenhouses, scatter the bait in the plant pots of plants being damaged or around pots on greenhouse benches.

### Outdoor Container-Grown Nursery Plants

Where slugs or snails are a problem in outdoor nurseries, scatter the bait in the plant containers.

### Commercial Turf, Sod, Golf Courses and Grass Buffers around Gardens, Crop Areas and Ornamentals

Use the bait on turf and sod for resale, golf courses, lawns and on buffer zones around gardens and agricultural crop areas.

### Grass and Forage Grown for Seed Production and Cereal Crops (such as: wheat, barley, oats and rye)

Use bait on grass grown for seed production, legume forage grown for seed production (such as clover and alfalfa), and wheat (cereals).

### Non-Crop Areas

Use the bait to protect non-crop areas, including: forests, parks, fallow land, barrier strips and buffer zones around agricultural crop areas.

### WARRANTY

To the extent consistent with applicable law, the seller warrants that this product conforms to the chemical description on this label and is reasonably fit for purposes stated on this label only when used in accordance with the directions for use. This warranty does not extend to use of this product contrary to label directions, or under abnormal use conditions, or under conditions not reasonably foreseeable to seller. To the extent consistent with applicable law, seller makes no other warranties, either expressed or implied.

### GENERAL INFORMATION: (WHY SLUG AND SNAIL BAIT IS EFFECTIVE):

This product has a non-toxic mode of action and can be used in areas where pet and wildlife protection is a concern. When slugs and snails ingest the bait, they stop feeding and crawl back to their shelter where they eventually die. It remains effective under varying weather and environmental conditions. The bait is ingested by slugs and snails when they travel from their hiding places to plants. Ingestion, even in small amounts, will cause them to cease feeding. This physiological effect of the bait gives immediate protection to the plants even though the slugs and snails may remain in the area. After eating the bait, the slugs become less mobile and begin to die within three to six 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, crop and seed plants. The bait can be scattered on the lawn or on the soil around any vegetable or seed crops, flowers or fruit trees or bushes to be protected. The slugs and snails controlled by this product include (but are not limited to): *Deroceras reticulatum* (Gray field slug), *Deroceras laeve* (Marsh slug or meadow slug), *Arion subfuscus* (Dusky slug), *Arion circumscriptus* (Brown-banded Arion), *Arion hortensis* (Black field slug or Garden slug), *Arion rufus* (Large red slug), *Arion ater* (Large black slug), *Limax flavus* (Yellow cellar slug or yellow garden slug), *Limax tenellus* (Slender slug), *Ariolimax columbianus* (Banana slug), *Helix spp.* (snail species), *Helicella spp.* (snail species), and *Cepaea spp.* (snail species).

**For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300, For product use or customer service inquiries, call 928-445-7990**

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