

BUG-N-SLUGGO®

INSECT, SLUG AND SNAIL BAIT

 FOR ORGANIC PRODUCTION

ACTIVE INGREDIENT

Iron phosphate	0.97%
Spinosad (a mixture of spinosyn A and spinosyn D)	0.07%
OTHER INGREDIENTS	98.96%
TOTAL	100.0%

By Wt.

NET WEIGHT 50 lbs

EPA Registration #67702-24-70051
EPA Establishment #67702-DEU- 2

Manufactured for
Certis USA LLC
9145 Guilford Road, Suite 175
Columbia, MD 21046

CERTIS



Sold under a license of
Neudorff GmbH KG

**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.

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 pm Pacific Time (NPIC Web site: www.npic.orst.edu) You may also contact Certis USA, L.L.C. for emergency medical treatment: 1-800-255-3924.

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:

This product is toxic to aquatic invertebrates. 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.

GENERAL INFORMATION

- Bug-N-Sluggo® contains iron phosphate and Spinosad, which is derived from a soil dwelling bacterium
- The highly compressed pellets (shorts) are easy to use and allow for greater and uniform coverage
- Bug-N-Sluggo® controls earwigs, cutworm, sowbugs, pillbugs, slugs, and snails
- The slugs and snails controlled by Bug-N-Sluggo® include *Deroceras reticulatum* (Field slug), *Deroceras laeve* (Smooth slug), *Arion subfuscus* (Dusky slug), *Arion circumscriptus* (Gray garden slug), *Arion hortensis* (Black field slug), *Arion rufus* (Large red slug), *Arion ater* (Large black slug), *Limax flavus* (Spotted garden slug), *Limax tenellus* (Slender slug), *Ariolimax columbianus* (Banana slug), *Helix* spp., *Helicella* spp., and *Cepaea* spp.
- Bug-N-Sluggo® may be used as part of an Integrated Pest Management (IPM) program or for organic production

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).

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

AGRICULTURAL USE REQUIREMENTS (cont.)

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
- Waterproof gloves
- Shoes plus socks

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 is a restricted-entry interval of 4 hours for this product.

COMMERCIAL AGRICULTURE

HOW TO APPLY: Scatter the bait granules 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 2-4 weeks. Do not apply more than 3 times in any 30 day period.

Do not place in piles. The product works best when soil is moist but with little or no standing water. See specific directions for different use sites.

PESTS CONTROLLED: earwigs, cutworms, sowbugs, pillbugs, slugs, snails

USE SITES:**VEGETABLES**

Scatter the bait around the perimeter of the field or greenhouse 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 pests entering the vegetable plantings. If pests are inside the rows, then scatter the bait on the soil around the plants and between the rows.

Artichoke	Do not apply within 2 days of harvest. Do not make applications less than 7 days apart. Do not make more than 4 applications per crop.
Asparagus	For post harvest protection of ferns only. Do not apply within 60 days of harvest.

Root and Tuber Vegetables

Potatoes, ginger, sweet potatoes, yams	Do not apply within 7 days of harvest. Do not make applications less than 7 days apart. Do not make more than 4 applications per crop.
Carrots and Parsnips	Do not apply within 3 days of harvest. Do not make applications less than 5 days apart. Do not make more than 4 applications per calendar year.
Beets and Sugar Beets	Do not apply within 3 days of harvest. Do not make applications less than 7 days apart. Do not make more than 4 applications per crop.

Bulb Vegetables

Onion, Garlic, Green Onion, Leek, Shallot	Do not apply within one day of harvest. Do not make applications less than 4 days apart. Do not make more than 5 applications per calendar year.
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Leaf Vegetables

Arugula, celery, lettuce, rhubarb, spinach, Swiss chard	Do not make more than 3 applications in 21 days. Do not apply within one day of harvest for leafy greens; 3 days for leaves of root, tuber and legume vegetables.
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Cole Crops

Broccoli, Brussels sprouts, Cabbage, Cauliflower, Kale	Do not apply within one day of harvest.
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Legume Vegetables

Beans, peas, blackeyed peas	Do not apply within 3 days of harvest.
Soybean	Do not apply within 28 days of harvest.

Cucurbit Vegetables

Cucumber, Melons, Cantaloupe, Pumpkin, Summer and Winter Squash	Do not make more than 6 applications per crop. Do not apply within one day of harvest for cucumber; 3 days for other cucurbits.
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Fruiting Vegetables

Eggplant, pepper, tomato and okra	Do not apply within one day of harvest. Do not make more than 3 applications in 21 days.
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FRUITS INCLUDING CITRUS, AND SMALL FRUITS

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 in the field or greenhouse. For older trees, spread the bait around the base of the trees to intercept pests traveling to the trunk. Apply the bait at 20-44 lbs. per acre (0.5-1 lb per 1,000 square feet) in orchards, using standard fertilizer granular spreaders. For seedlings spread the bait around the base of the stem. Use the higher rates for heavy infestations.

Banana and plantain	Do not apply within 8 weeks of harvest. Do not make applications less than 7 days apart. Do not make more than 4 applications per crop.
Fig	Do not apply within 7 days of harvest.
Grape	Do not apply within 7 days of harvest. Do not make applications less than 5 days apart.
Tropical tree fruits (avocado, guava, mango, papaya, passion fruit)	Do not apply within one day of harvest. Do not make more than 2 applications per calendar year.

Citrus Fruits

Grapefruit, Lemons, Limes, Oranges, Tangerines	Do not apply within one day of harvest. Do not make more than 2 applications per calendar year.
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Pome Fruits

Apples, Pears	Do not apply within 7 days of harvest.
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Stone Fruits

Cherries, Plums, Prunes	Do not apply within 7 days of harvest.
Peaches, Nectarines, Apricots	Do not apply within 14 days of harvest.

BERRIES

Spread the bait around the perimeter of the field or greenhouse to intercept pests migrating toward the berries. Use a rate of 20-44 lbs. per acre (0.5-1 lb per 1,000 square feet) and scatter by hand or with granular spreaders. If pests are already in the plots, then carefully spread bait between the furrows near the base of the plants.

Crop	Restrictions
Bushberries (blueberry, currant, gooseberry, huckleberry)	Do not apply within 3 days of harvest. Do not make applications less than 6 days apart. Do not make more than 6 applications per calendar year.
Caneberries (blackberry, loganberry, raspberry)	Do not apply within one day of harvest. Do not make applications less than 5 days apart. Do not make more than 6 applications per calendar year.
Cranberry	Do not apply within 21 days of harvest. Do not make applications less than 7 days apart. Do not make more than 6 applications per calendar year.
Strawberry	Do not apply within one day of harvest. Do not make more than 5 applications per calendar year.

TREE NUTS, PEANUTS AND PISTACHIOS

Use a rate of 20-44 lbs. per acre (0.5-1 lb per 1,000 square feet) and scatter by hand or with granular spreaders. For seedlings spread the bait around the base of the stem. For older trees, spread around the base of the trees to intercept pests traveling to the trunk. Use the higher rates for heavy infestations.

Crop	Restrictions
Peanut	Do not apply within 3 days of harvest. Do not make applications less than 7 days apart. Do not make more than 3 applications per calendar year.
Tree nuts (almond, cashew, chestnut, filbert, macadamia nut, pecan, walnut)	Do not apply within 14 days of harvest. Do not make applications less than 7 days apart.
Pistachios	Do not apply within 14 days of harvest. Do not make applications less than 7 days apart.

HERBS

At the seedling and later stages, apply the bait between the rows and around the perimeter of the field or greenhouse. Use the higher dosage for heavy infestations.

Application Rate: Use 20-44 lbs/acre (0.5-1 lb/1000 sq ft).

Crop	Restrictions
angelica, balm, basil, borage, burnet, chamomile, catnip, chervil (dried), chive, clary, costmary, cilantro, curry, dillweed, horehound, hyssop, lavender, lemongrass, lovage, marigold, marjoram, nasturtium, parsley, pennyroyal, rosemary, rue, sage, savory, sweet bay, tansy, tarragon, thyme, wintergreen, woodruff and wormwood	Do not apply within one day of harvest. Do not make applications less than 5 days apart.
Mint	Do not apply within 7 days of harvest. Do not make applications less than 4 days apart. Do not make more than 3 applications per calendar year.

GRASS FORAGE, FODDER, HAY AND CEREAL GRAINS

When pests are detected, scatter the bait by hand or with a granular spreader 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.

Cereal Grains

Crop	Restrictions
Barley, Buckwheat, Oats, Pearl Millet, Proso Millet, Rye, Sorghum, Triticale, Wheat	Do not use within 14 days of harvest for forage or hay. Do not use within 21 days of harvest for grain or straw.
Corn – field corn	Do not apply within 28 days of harvest for grain or fodder; 7 days for forage.
Corn – sweet corn	Do not apply within one day of harvest for grains; 7 days for forage.

Grass Forage, Fodder, Hay

Grass crops, pastures and rangeland	Do not use within 3 days of harvest for hay or fodder. No preharvest interval for forage. Do not make more than 3 applications in 21 days.
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Nongrass Animal Feeds

Legume forages and legume forage grown for seed (alfalfa, clover, lupin, and vetch)	Do not use within 3 days of harvest for hay or fodder. No preharvest interval for forage. Do not make more than 3 applications in 21 days.
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GRASS GROWN FOR SEED PRODUCTION

When pests are detected, scatter the bait by hand or with a granular spreader 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.

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. Pests 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 1 lb. per 1000 square feet to intercept pests traveling to the plot.

GREENHOUSES

Where insects, 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. Apply about ½ teaspoon per 9 inch pot.

TREE FARMS AND PLANTATIONS

Use the bait on tree farms and plantations. Spread the bait at a rate of 0.5 to 1 lb. per 1000 square feet (20-44 lbs. per acre). Use the higher rate for heavy infestations.

OUTDOOR CONTAINER-GROWN NURSERY PLANTS

Where pests are a problem in 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).

COMMERCIAL TURF, SOD, GOLF COURSES AND GRASS BUFFERS, CROP AREAS AND ORNAMENTALS

Use the bait on turf and sod for resale, golf courses and on lawns as a buffer zone around gardens and agricultural crop areas. Spread the bait at a rate of 0.5 to 1 lb. per 1000 square feet (20-44 lbs. per acre). Use the higher rate for heavy infestations.

Use the bait on turf and sod for resale, golf courses and on lawns as a buffer zone around gardens and agricultural crop areas. When pests are detected, scatter the bait at a rate of 0.54 to 1 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.

SURROUNDING AGRICULTURAL AREAS SUFFERING INFESTATION

Use the bait to protect non-crop areas, including: fallow land, barrier strips and buffer zones around agricultural crop areas. Apply at a rate of 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: 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.

WARRANTY

Certis USA, L.L.C. warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OR MERCHANTABILITY IS MADE.