

BUG-N-SLUGGO®

INSECT, SLUG AND SNAIL BAIT

ACTIVE INGREDIENT:

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

NET WEIGHT 50 lbs

EPA Registration No. 67702-24-70051
EPA Establishment No. 67702-DEU-2

Manufactured For
Certis USA L.L.C.
9145 Guilford Road, Suite 175
Columbia, MD 21046

CERTIS



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FOR ORGANIC PRODUCTION

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See attached booklet for additional directions for use.

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 hotline number 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

- Small pellets for greater coverage. The highly compressed granules (pellets) are easy to use and clean to handle.
- For control of earwigs, cutworm, sowbugs, pillbugs, crickets, slugs, snails.
- The slugs and snails controlled by Bug-N-Sluggo®: *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.
- For broadcast application standard broadcast applicators may be used, such as (but not limited to): Cyclone.
- For row application standard granular spreaders may be used, such as (but not limited to): Gandy and Clampco.

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. (continued)

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.

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.

Bug-N-Sluggo contains 0.0007 lbs of spinosad per lb. Use the following table to assist in calculating applied lbs spinosad per acre.

APPLICATION RATE REFERENCE TABLE

Application Rate of Bug-N-Sluggo	Spinosad Equivalent (lb ai/acre)
20 lbs/acre	0.014
25 lbs/acre	0.0175
30 lbs/acre	0.021
35 lbs/acre	0.0245
40 lbs/acre	0.028
44 lbs/acre	0.0308

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.

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.

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

CROP	Maximum number of applications	Application Interval	Pre-Harvest Interval (PHI)	Additional Restrictions
Artichoke	Do not make more than 4 applications per crop	Do not make applications less than 7 days apart.	Do not apply within 2 days of harvest.	Do not apply more than a total of 0.33 lb ai spinosad (including foliar uses) per crop.
Asparagus	Do not make more than 3 applications per crop.	Do not make applications less than 4 days apart.	Do not apply within 60 day of spear harvest.	For post harvest protection of ferns only. Do not apply more than a total of 0.28 lb a.i. spinosad per acre per season. Do not feed treated ferns to meat or dairy animals.
ROOT AND TUBER VEGETABLES:				
Potatoes, ginger, sweet potatoes, yams	Do not make more than 4 applications per crop.	Do not make applications less than 7 days apart	Do not apply within 7 days of harvest.	Do not apply more than a total of 0.33 lb ai spinosad (including foliar uses) per crop.
Carrots and Parsnips	Do not make more than 4 applications per calendar year.	Do not make applications less than 5 days apart.	Do not apply within 3 days of harvest.	Do not apply more than a total of 0.3 lb ai spinosad (including foliar uses) per acre per crop.
Beets and Sugar Beets	Do not make more than 4 applications per crop.	Do not make applications less than 7 days apart.	Do not apply within 3 days of harvest	Do not apply more than a total of 0.33 lb ai spinosad (including foliar uses) per crop.
BULB VEGETABLES:				
dry bulb onion, garlic, great-headed elephant garlic, green onion, leek, shallot, Welch onion	Do not make more than 5 applications per year.	Do not make applications less than 4 days apart.	Do not apply within one day of harvest.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar and seed uses) per acre per crop
LEAFY VEGETABLES (EXCEPT BRASSICAS) AND LEAVES OF ROOT AND TUBER AND LEGUME VEGETABLES:				
arugula, beets, celery, peas, lettuce, rhubarb, spinach, Swiss chard, turnip greens and watercress	Do not make more than 6 applications per year.	Do not make applications less than 4 days apart.	Do not apply within one day of harvest for leafy vegetables and watercress; 3 days for leaves of root, tuber and legume vegetables.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar and seed uses) per acre of crop. Do not apply to seedling leafy crops grown for transplant within a greenhouse or shade house.
COLE CROPS:				
broccoli, broccoli raab, Brussels sprouts, cabbage, cauliflower, cavalo, Chinese broccoli, Chinese cabbage (bok choy), Chinese cabbage (napa), Chinese mustard cabbage (gai choy), collards, kale, kohlrabi,	Do not make more than 6 applications per year.	Do not make applications less than 4 days apart.	Do not apply within one day of harvest.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre of crop. Do not apply to seedling cole crops grown for transplant.

(continued)

VEGETABLES (Cont.)

CROP	Maximum number of applications	Application Interval	Pre-Harvest Interval (PHI)	Additional Restrictions
LEGUME VEGETABLES:				
Succulent and dried beans and peas	Do not make more than 6 applications per crop.	Do not make applications less than 5 days apart.	Succulent beans and peas: do not apply within 3 days of harvest Dried beans and peas: do not apply within 28 days of harvest.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per season. Do not apply more than a total of 0.188 lb ai spinosad per acre per season.
Soybean	Do not make more than 4 applications per calendar year.	Do not make applications less than 4 days apart.	Do not apply within 28 days of harvest.	Do not apply more than a total of 0.186 lb ai spinosad (including foliar uses) per acre per year. Do not feed treated forage or hay to meat or dairy animals.
CUCURBIT VEGETABLES:				
cucumber, edible gourds, melons, musk-melons, cantaloupe, honeydew, pumpkin, summer squash, watermelon, and winter squash	Do not make more than 6 applications per crop.	Do not make applications less than 5 days apart.	Do not apply within one day of harvest for cucumber; 3 days for other cucurbits	Do not apply more than a total of 0.45 lb ai spinosad (including foliar and seed uses) per acre per season.
FRUITING VEGETABLES:				
eggplant, groundcherry, pepino, pepper (except black), tomatillo, tomato and okra	Do not make more than 6 applications per calendar year.	Do not make applications less than 4 days apart.	Do not apply within one day of harvest.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per crop. Do not apply to seedling fruiting vegetables and okra grown for transplant within a greenhouse, shade house, or field plot.
CORN:				
Corn – field corn	Do not make more than 3 applications per calendar year.		Do not apply within 28 days of harvest for grain or fodder; 7 days for forage.	Do not apply more than a total of 0.188 lb ai spinosad (including foliar uses) per acre per year.
Corn – sweet corn	Do not make more than 6 applications per calendar year.		Do not apply within one day of harvest for grains; 7 days for forage, 28 days for fodder.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per year.

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.

PESTS CONTROLLED: earwigs, cutworms, sowbugs, pillbugs, crickets, ants (excluding fire ants, harvester ants, Pharaoh's ants, and carpenter ants), slugs, snails.

CROP	Maximum number of applications	Application Interval	Pre-Harvest Interval (PHI)	Additional Restrictions
Banana and plantain	Do not make more than 6 applications per calendar year or 4 applications per crop	Do not make applications less than 7 days apart.	Do not apply within 8 weeks of harvest.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per crop.
Fig	Do not make more than 4 applications per calendar year	Do not make applications less than 7 days apart	Do not apply within 7 days of harvest.	Do not apply more than a total of 0.45 lb ai spinosad per acre per crop.
Grape	Do not make more than 5 applications per calendar year.	Do not make applications less than 5 days apart.	Do not apply within 7 days of harvest.	Do not apply more than a total of 0.45 lb ai spinosad per acre per season west of the Rocky Mountains, and no more than 0.36 lb ai spinosad per acre per season east of the Rocky Mountains.
Tropical tree fruits (avocado, guava, mango, papaya, passion fruit)	Do not make more than 2 applications per calendar year	Do not make applications less than 7 days apart.	Do not apply within one day of harvest.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per crop.
CITRUS FRUITS:				
grapefruit, lemons, limes, oranges, tangerines	Do not make more than 3 applications per calendar year.	Do not make applications less than 6 days apart.	Do not apply within one day of harvest.	Do not apply more than a total of 0.45 ai spinosad (including foliar uses) per acre per crop.
POME FRUITS:				
apples, crabapples, loquat, mayhaw, pears, quince	Do not make more than 4 applications per calendar year.	Do not make applications less than 10 days apart	Do not apply within 7 days of harvest	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per crop.

FRUITS (Cont.)

CROP	Maximum number of applications	Application Interval	Pre-Harvest Interval (PHI)	Additional Restrictions
STONE FRUITS:				
cherries, plums, prunes		Do not make applications less than 7 days apart.	Do not apply within 7 days of harvest	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per year.
peaches, nectarines, apricots		Do not make applications less than 7 days apart.	Do not apply within 14 days of harvest for apricots or within 1 day of harvest for nectarines and peaches.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per year.

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.

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

CROP	Maximum number of applications	Application Interval	Pre-Harvest Interval (PHI)	Additional Restrictions
Bushberries (blueberry, currant, elderberry, gooseberry, huckleberry, juneberry, lignonberry, salal)	Do not make more than 6 applications per calendar year or more than 3 applications per crop	Do not make applications less than 6 days apart.	Do not apply within 3 days of harvest.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per crop.
Caneberries (blackberry, loganberry, red and black raspberry)	Do not make more than 6 applications per calendar year	Do not make applications less than 5 days apart.	Do not apply within one day of harvest	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per crop.
Cranberry	Do not make more than 6 applications per calendar year	Do not make applications less than 7 days apart.	Do not apply within 21 days of harvest	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per crop.
Strawberry	Do not make more than 5 applications per calendar year	Do not make applications less than 5 days apart.	Do not apply within one day of harvest.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per crop.

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.

PESTS CONTROLLED: earwigs, cutworms, sowbugs, pillbugs, crickets, ants (excluding fire ants, harvester ants, Pharaoh's ants, and carpenter ants), slugs, snails.

CROP	Maximum number of applications	Application Interval	Pre-Harvest Interval (PHI)	Additional Restrictions
Peanut (not for use in California)	Do not make more than 3 applications per calendar year	Do not make applications less than 7 days apart.	Do not apply within 3 days of nut harvest or 14 days of forage.	Do not apply more than a total of 0.28 lb ai spinosad (including foliar uses) per acre per crop. Do not allow grazing of crop residue or harvest of crop residue for hay until 14 days after the last application.
Tree nuts (almond, cashew, chestnut, filbert, macadamia nut, pecan, walnut); Pistachios		Do not make applications less than 7 days apart.	Do not apply within 1 day of harvest	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per crop.

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).

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

CROP	Maximum number of applications	Application Interval	Pre-Harvest Interval (PHI)	Additional 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 make more than 5 applications per calendar year or more than 3 applications per crop.	Do not make applications less than 5 days apart.	Do not apply within one day of harvest.	Do not apply more than a total of 0.47 lb ai spinosad (including foliar uses) per acre per crop.
Peppermint and spearmint	Do not make more than 4 applications per calendar year or more than 3 applications per crop.	Do not make applications less than 4 days apart.	Do not apply within 7 days of harvest.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per crop.

GRASS FORAGE, FODDER, HAY, SEED PRODUCTION 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.

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

CROP	Maximum number of applications	Application Interval	Pre-Harvest Interval (PHI)	Additional Restrictions
Small cereal grains (barley, buckwheat, grain amaranth, milo, oats, pearl millet, proso millet, rye, sorghum, triticale, wheat).	Do not make more than 3 applications per calendar year.	Do not make applications less than 4 days apart.	Do not apply within 3 days of harvest for forage, fodder or hay. Do not apply within 21 days of harvest for grain or straw.	Do not apply more than a total of 0.28 lb ai spinosad (including foliar uses) per acre per year.
Grass crops, grass grown for seed, pastures and rangeland	Do not make more than 6 applications per season.	No preharvest interval for forage.	Do not use within 3 days of harvest for hay or fodder.	Do not apply more than a total of 0.186 lb ai spinosad (including foliar uses) per acre per season.

TURF AND ORNAMENTAL: When pests are detected, broadcast the bait by hand or with a granular spreader. Alternatively, in or around plant pots on greenhouse benches, or in or around container-grown plants 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. Use the higher rate for heavy infestations. Application Rate: 0.23 to 1 lb. per 1000 square feet (10-44 lbs. per acre).

PESTS CONTROLLED: earwigs, cutworms, sowbugs, pillbugs, crickets, ants (excluding fire ants, harvester ants, Pharaoh's ants, and carpenter ants), slugs, snails.

CROP	Maximum number of applications	Application Interval	Additional Restrictions
Turf (lawns, athletic field and recreational areas, commercial turf, sod, golf courses, and grass buffers around gardens, crop areas and ornamentals)		Do not make applications less than 7 days apart.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per year.
Outdoor Ornamentals (herbaceous and woody plants)		Do not make applications less than 7 days apart.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per year.
Greenhouse Ornamentals	Do not make more than 10 applications per calendar year.	Do not make applications less than 7 days apart.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per year.
Outdoor container-grown nursery plants		Do not make applications less than 7 days apart.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per year.
Tree Farms and Plantations (Conifers, including Christmas trees, and deciduous trees)	Do not make more than 6 applications per calendar year.	Do not make applications less than 7 days apart.	Do not apply more than a total of 0.45 lb ai spinosad (including foliar uses) per acre per year.
Non-crop areas (pastures, rangeland, forests, parks, playgrounds, cemeteries, picnic areas, roadsides, campgrounds, industrial sites, fallow land, barrier strips and buffer zones)			

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 HANDLING: 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

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.

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