

Seduce®

INSECT BAIT

FOR ORGANIC PRODUCTION

ACTIVE INGREDIENT:	By Weight
Spinosad (a mixture of spinosyn A and spinosyn D).....	0.07%
OTHER INGREDIENTS:	99.93%
TOTAL	100.00%

Net Contents: 40 lbs

EPA Reg. No. 67702-25-70051
EPA Est. No. 52251-OR-5

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

CERTIS



Sold under a license of Neudorff

**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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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, or using tobacco.

Personal Protective Equipment (PPE) Requirements:

Applicators and other handlers must wear:

- long-sleeved shirts and long pants
- 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.

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.

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.

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

Product Facts:

- What it does: Kills insects
- Where to Use: For use around vegetables, fruit trees, citrus, berries, ornamentals, shrubs, flowers, trees, and in greenhouses
- Read the Label First!

 **FOR ORGANIC PRODUCTION**

Seduce Insect Bait® is a soil-applied granular insecticidal bait containing the active ingredient spinosad that attracts and kills insects, including earwigs and cutworms in commercial agricultural crops, ornamentals, herbs, seed crops, and non-crop areas.

Seduce Insect Bait® contains spinosad derived from naturally occurring soil dwelling bacterium in a patented granular formulation that requires no mixing, spraying, or special applicators.

The highly compressed easy-to-apply granules can be effective up to four (4) weeks.

Seduce Insect Bait® is ideal for Integrated Pest Management (IPM) programs and Organic Production.

APPLICATION DIRECTIONS

HOW TO APPLY: Spread the bait 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 at the higher rate if the infestation is severe. Reapply after heavy rain or watering. Reapply as the bait is consumed or at least every 2 to 4 weeks. Do not apply more than 3 times in any 30 day period.

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 use sites.

PESTS CONTROLLED: earwigs, cutworms

BERRIES

Spread the bait around the perimeter of the plot to intercept pests migrating towards the berries. If pests 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. Use the higher rate for heavy infestations.

Crop	Application Rate	Restrictions
Bushberries (blueberry, currant, gooseberry, huckleberry)	Use 20-44 lbs./acre (0.5-1 lb./1000 sq. ft.)	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.

continued

Crop	Application Rate	Restrictions
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.

FRUITS INCLUDING CITRUS

Apply in orchards using standard fertilizer granular spreaders. 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 trees to intercept pests traveling to the trunk. Use the higher rates for heavy infestations.

Crop	Application Rate	Restrictions
Banana and plantain	Use 20-44 lbs./acre (0.5-1 lb./1000 sq. ft.)	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.
Citrus (grapefruit, lemons, limes, oranges, tangerines)		Do not apply within one day of harvest. Do not make more than 2 applications per calendar year.
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.
Pome fruits (apples, pears)		Do not apply within 7 days of harvest.
Stone fruits – cherries, plums, prunes		Do not apply within 7 days of harvest.
Stone fruits – peaches, nectarines, apricots		Do not apply within 14 days of harvest.
Tree fruits (avocado, guava, mango, papaya, passionfruit)		Do not apply within one day of harvest. Do not make more than 2 applications per calendar year.

VEGETABLES

Scatter the bait around the perimeter of the vegetable plantings 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.

Crop	Application Rate	Restrictions
Artichoke	Use 20-44 lbs./acre (0.5-1 lb./1000 sq. ft.)	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 spear harvest.
Beans, peas, blackeyed peas		Do not apply within 3 days of harvest.
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.
Cole crops (broccoli, Brussels sprouts, cabbage, cauliflower, kale)		Do not apply within one day of harvest.
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.
Cucurbits (cucumber, melons, cantaloupe, pumpkin, 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.
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.
Leafy vegetables and leaves of root and tuber and legume vegetables (arugula, beets, celery, peas, 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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Crop	Application Rate	Restrictions
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.
Root vegetables – Carrot, parsnip		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.
Root vegetables – Radish, rutabaga, turnip		Do not apply within 3 days of harvest. Do not make applications less than 5 days apart. Do not make more than 3 applications per calendar year.
Soybean		Do not apply within 28 days of harvest.
Tuberous and Corm Vegetables (beets, sugarbeets)		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.

TREE NUTS, PEANUTS AND PISTACHIOS

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	Application Rate	Restrictions
Peanut	Use 20-44 lbs./acre (0.5-1 lb./1000 sq. ft.)	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); 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. Use the higher dosage for heavy infestations.

Crop	Application Rate	Restrictions
Herbs (angelica, balm, basil, borage, burnet, chamomile, catnip, chervil (dried), chive, clary, coriander, 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)	Use 20-44 lbs./acre (0.5-1 lb./1000 sq. ft.)	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 GROWN FOR SEED PRODUCTION AND CEREAL GRAINS

When pests are detected, scatter the bait by hand or with a granular spreader. Use the higher rate for heavy infestations.

Crop	Application Rate	Restrictions
Cereal grains (barley, buckwheat, grain amaranth, milo, oats, pearl millet, proso millet, rye, sorghum, triticale, wheat)	Use 20-44 lbs./acre (0.5-1 lb./1000 sq. ft.)	Do not use within 14 days of harvest for forage or hay. Do not use within 21 days of harvest for grain or straw.
Grass crops, grass grown for seed, 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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Crop	Application Rate	Restrictions
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.
Sugarcane		

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.

Greenhouses

Scatter the bait in the plant pots of plants being damaged or around pots on greenhouse benches. Apply about 1/2 teaspoon per 9 inch pot.

Outdoor Container-Grown Nursery Plants

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 around Crop Areas and Ornamentals

Use the bait on turf and sod for resale, golf courses as a buffer zone around 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.

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.

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. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

WARRANTY

Certis USA, LLC 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.