

73176-1

Master Label - US EPA Reg. No. 73176-1 (AgriVir)

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09/25/2003

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Name **NUTGUARD-V / FRUITGUARD-V**
 Alternate Names BioGuard-V
 FRUITGUARD-V
 NUTGUARD-V

Biological Insecticide for Control of Indian Meal Moth

Ingredients:	
Active Ingredient -	
Indian meal moth granulosis virus infected	
Indian meal moth larval parts	9.35% *
* Equivalent to a minimum 4.8×10^{12} viral capsules per ounce of product or a minimum 50% kill potency for Indian meal moth larvae of 0.26 µg/g in the standard plodia assay.	
Other Ingredients -	
Milled wheat bran (carrier)	85.90%
Other inert ingredients	4.75%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN
WARNING

See Side Panel for Additional Precautionary Information

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

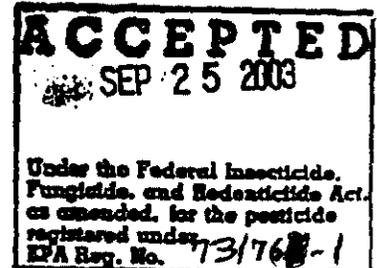
See Side Panel for Additional First Aid Statements

Net Weight: 25 Kilograms (55 Pounds)
10 Kilograms (22 Pounds)

Manufactured and Sold by

AgriVir, LLC
Washington, DC 20036

EPA Registration No.: 73176-1
EPA Establishment No.: 8536-CA-004



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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING - Causes Eye Irritation. Avoid contact with eyes by contact with skin or clothing. Wear protective eyewear and gloves. Wash thoroughly with soap and water after handling.

ADDITIONAL FIRST AID STATEMENTS

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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 for treatment advice.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

DIRECTIONS FOR USE

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

The enclosed measuring scoop (red) can be used to measure 2 ounces by weight (full scoop), of product. When measuring, use a rounded measure.

For Use on Dried Fruit -

For protection of raisins, currants, dried prunes, dried dates, dried figs, and other dried fruits:

Spray Application - Using the chart below for guidance, prepare a sprayable suspension of product in water at a rate of 2 - 60 oz product per each 10 gal water (i.e., 0.15% to 4.5% by weight suspension). Stir or agitate well so as to completely disperse the product in the suspending water. Using any type of low pressure spray equipment, which provides a coarse spray, with a suitable spray pattern shape, apply the suspension to the commodity to be treated while it is passing on packing or storage line conveyors (or similar material transport, handling and delivery systems) prior to bulk packaging, storage, or consumer packaging. Apply, so as to achieve even coverage. Select a spray rate using the chart below for guidance so as to apply a treatment rate of 1 - 5 oz product per ton.

Dry Application - For protection of already stored (bulk) dried fruits, the product itself may be directly raked into the top 18 to 20 inches of commodity stored in bins or similar containers. The treatment rate should be at the maximum level 5 oz product per ton.

For Use on In-Shell and Shelled Nuts -

For protection of almonds, walnuts, pistachios, pecans, other tree-nuts, and peanuts:

Spray Application - Using the chart below for guidance, prepare a sprayable suspension of product in water at a rate of 2 - 60 oz product per each 10 gal water (i.e., 0.15% to 4.5% by weight suspension). Stir or agitate well so as to completely disperse the product in the suspending water. Using any type of low pressure spray equipment, which provides a coarse spray, with a suitable spray pattern shape, apply the suspension to the commodity to be treated while it is passing on packing or storage line conveyors (or similar material transport, handling and delivery systems) prior to bulk packaging, storage, or consumer packaging. Apply, so as to achieve even coverage. Select a spray rate using the chart below for guidance so as to apply a treatment rate of 1 - 5 oz product per ton.

Dry Application - For protection of already stored (bulk) nuts, the product itself may be directly raked into the top 18 to 20 inches of commodity stored in bins or similar containers. The treatment rate should be at the maximum level 5 oz product per ton.

DIRECTIONS FOR USE (continued)**For Use on Bird Seed and Dry Animal Feeds for Non-Food Source Birds and Animals**

For the protection of bird seed and dry animal feeds - for all non-meat producing birds (non-meat producing fowl, pets, exotic, laboratory or zoo) and animals (i.e.: pets, laboratory, zoo and working or household animals, cats, dogs, and rabbits or other rodents) dry foods:

Spray Application - Using the chart below for guidance, prepare a sprayable suspension of product in water at a rate of 2 - 60 oz product per each 10 gal water (i.e., 0.15% to 4.5% by weight suspension). Stir or agitate well so as to completely disperse the product in the suspending water. Using any type of low pressure spray equipment, which provides a coarse spray, with a suitable spray pattern shape, apply the suspension to the commodity to be treated while it is passing on packing or storage line conveyors (or similar material transport, handling and delivery systems) prior to bulk packaging, storage, or consumer packaging. Apply, so as to achieve even coverage. Select a spray rate using the chart below for guidance so as to apply a treatment rate of 1 - 5 oz product per ton.

Dry Application - For protection of already stored (bulk) dry pet foods, the product itself may be directly raked into the top 18 to 20 inches of commodity stored in bins or similar containers. The treatment rate should be at the maximum level 5 oz product per ton.

For Use on Vegetable and Grain Seed (seeding)-

For the protection of all non-food seeds: - All vegetable and grain seed prepared for home or agriculture planting may be protected in storage with BioGuard-V. Seeds of the following crop groups, Root and Tuber, Bulb, Leafy, Brassica, Legume, Fruiting, & Cucurbit Vegetables, Cereal Grains and Herbs & Spices may be treated with BioGuard-V.

Spray Application - Using the chart below for guidance, prepare a sprayable suspension of product in water at a rate of 2 - 60 oz product per each 10 gal water (i.e., 0.15% to 4.5% by weight suspension). Stir or agitate well so as to completely disperse the product in the suspending water. Using any type of low pressure spray equipment, which provides a coarse spray, with a suitable spray pattern shape, apply the suspension to the commodity to be treated while it is passing on packing or storage line conveyors (or similar material transport, handling and delivery systems) prior to bulk packaging, storage, or consumer packaging. Apply, so as to achieve even coverage. Select a spray rate using the chart below for guidance so as to apply a treatment rate of 1 - 5 oz product per ton.

Dry Application - For protection of already stored (bulk) seeds, the product itself may be directly raked into the top 18 to 20 inches of commodity stored in bins or similar containers. The treatment rate should be at the maximum level 5 oz product per ton.

For Use on Cereal Grains and Dried Legume Vegetables -

For post harvest protection of all Cereal Grains (US EPA Crop Group # 15) and dried Legume Vegetables (US EPA Crop Group # 6): All Cereal Grains and dried Legume Vegetables treated with BioGuard-V may be used in the production of food or feed products.

Spray Application - Using the chart below for guidance, prepare a sprayable suspension of product in water at a rate of 2 - 60 oz product per each 10 gal water (i.e., 0.15% to 4.5% by weight suspension). Stir or agitate well so as to completely disperse the product in the suspending water. Using any type of low pressure spray equipment, which provides a coarse spray, with a suitable spray pattern shape, apply the suspension to the commodity to be treated while it is passing on packing or storage line conveyors (or similar material transport, handling and delivery systems) prior to bulk packaging, storage, or consumer packaging. Apply, so as to achieve even coverage. Select a spray rate using the chart below for guidance so as to apply a treatment rate of 1 - 5 oz product per ton.

Dry Application - For protection of already stored (bulk) commodities, the product itself may be directly raked into the top 18 to 20 inches of commodity stored in bins or similar containers. The treatment rate should be at the maximum level 5 oz product per ton.

For Use on Dried Flowers and Herbs (tea)

For post harvest protection of all dried herbs and Spices (US EPA Crop Group # 19) and dried flowers including infusion commodities (teas)

Spray Application - Using the chart below for guidance, prepare a sprayable suspension of product in water at a rate of 2 - 60 oz product per each 10 gal water (i.e., 0.15% to 4.5% by weight suspension). Stir or agitate well so as to completely disperse the product in the suspending water. Using any type of low pressure spray equipment, which provides a coarse spray, with a suitable spray pattern shape, apply the suspension to the commodity to be treated while it is passing on packing or storage line conveyors (or similar material transport, handling and delivery systems) prior to bulk packaging, storage, or consumer packaging. Apply, so as to achieve even coverage. Select a spray rate using the chart below for guidance so as to apply a treatment rate of 1 - 5 oz product per ton. Decorative Dried Flowers should be treated individually only with spray application so as to retain the integrity of the dried flowers.

Guidance Chart for Spray Applications

	Desired Application Rate		
	1 oz/ton	2.5 oz/ton	5 oz/ton
Ounces / 10 gallons:	Spray at below Rates (gal / 1000 lbs)		
2	2.2	6.8	11.2
4	1.1	3.4	5.6
8	0.56	1.7	2.8
16	0.28	0.84	1.4
32	0.14	0.42	0.7
60	0.074	0.23	0.37

Be sure to calibrate the spray system (as volume delivered per unit time) using the selected suspension rate. Choose a spray volume rate compatible with your spray system.

Crack and Crevice Treatment of Processing, Packing, and Storage Areas -

Prepare a sprayable suspension of this product in water at a rate of 6 - 30 oz product per each 10 gal water. Stir or agitate well so as to completely disperse the product in the suspending water. Using any type of low pressure spray equipment which provides a directed (i.e., not wide), coarse spray, apply the suspension along floor / wall joints, to corners, cracks and crevices, and under and behind areas to be protected. Apply until treated areas are just visibly wet and then allow to dry. This is equivalent to a treatment rate of approximately 2 - 10 oz product per 100 square feet for a 6 inch wide spray.

STORAGE AND DISPOSAL

Do Not Contaminate Water, Food or Feed by Storage or Disposal

STORAGE: Store sealed in the original container at room temperature or cooler. Do not store where temperatures may exceed 80 degrees F.

PRODUCT DISPOSAL: Unused or out-of-date product or product which has been exposed to excessive heat may be disposed of as non-hazardous solid waste or incinerated in accordance with federal, state, and local regulations.

CONTAINER DISPOSAL: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of the liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

NOTICE: AgriVir, LLC ("AgriVir") makes no warranty, expressed or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on this AgriVir label.