



Gravista-D[®]

Insecticide

TO CONTROL STORED PRODUCT PESTS IN STORED GRAIN SORGHUM (MILO), CORN, POPCORN, BARLEY, OATS, RICE, RYE, WHEAT

PROTECTS STORED GRAINS AND SEEDS AGAINST DAMAGE FROM INDIAN MEAL MOTH, SAWTOOTHED GRAIN BEETLE, RED FLOUR BEETLE, RICE WEEVIL, MAIZE WEEVIL, ALMOND MOTH AND OTHER STORED PRODUCT PESTS

- Kills stored product adult pests and exposed larvae
- Breaks the pest life cycle and prevents larvae from maturing into adults
- Two modes of action plus a synergist
- Residual control
- For use as an empty bin treatment and direct treatment to stored grain and seeds

ACTIVE INGREDIENTS:

(S)-Methoprene	0.64%
Deltamethrin	0.26%
Piperonyl butoxide	7.47%

OTHER INGREDIENTS:	91.63%
	100.00%

SPECIMEN LABEL

EPA Reg. No. 89459-123 EPA Est. No. 2724-TX-1

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See additional Precautionary Statements and First Aid
Si usted no entiende la etiqueta, busque a alguien para que la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For general information about this product or emergency medical treatment information, call 1-800-248-7763.

PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION

Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE): Handlers and applicators must wear long-sleeved shirt and long pants, socks and shoes, waterproof gloves, protective eyewear and a PF 10 respirator.

FIRST AID

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 treatment advice.

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 or doctor for treatment advice.

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 eyes. • Call a poison control center or doctor for treatment advice.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark.

PRODUCT INFORMATION

GRAVISTA[®]-D INSECTICIDE (GRAVISTA[®]-D) is a ready-to-use formulation that can treat grain as it goes into a storage facility, be applied to commodities prior to storage, or used as an empty bin or silo treatment to areas where commodities will be stored. The residual activity of GRAVISTA[®]-D prevents the emergence of stored product insects and kills exposed adults and insect larvae during storage of commodities. (S)-methoprene, the insect growth regulator in GRAVISTA[®]-D protects the stored products from damage-causing insects by interfering with the normal process of insect development.

The adulticide and synergist work by killing adults and larvae alike. The active ingredients in GRAVISTA[®]-D have established USEPA and CODEX food tolerances [MRLs] for the listed commodities.

GRAVISTA[®]-D is a fine granular insecticide that contains an adulticide, synergist and Insect Growth Regulator. Use to treat grains and empty bins for stored product pest control. GRAVISTA[®]-D provides effective knockdown and control of listed adults and larvae and prevents the buildup of stored product pests with residual control. For use on GRAIN SORGHUM (MILO), CORN, POPCORN, BARLEY, OATS, RICE, RYE, AND WHEAT ONLY.

Use to control adults and accessible larval stages of the following insect pests including, lesser grain borers, larger grain borers, Angoumois

grain moths, Indian meal moths, tobacco moths, Dermestids, and bean weevils; also, to control populations of sawtoothed grain beetles, red flour beetles, confused flour beetles and other stored grain pests.

Granary weevils, rice weevils, maize weevils can be challenging pests to control due to their unique life cycles. In some instances, for these pests, suppression only may be achieved with this product. It is important to monitor for weevil infestations to ensure that they do not exceed the economic threshold.

DIRECTIONS FOR USE

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

APPLICATION INSTRUCTIONS FOR TREATMENT OF COMMODITIES BEING LOADED OR TURNED INTO STORAGE FACILITIES: For protection of stored grains and seeds against stored product insects - for optimum results, thoroughly clean and treat storage areas prior to storing commodities. GRAVISTA®-D may be used in conjunction with aeration or an EPA registered fumigation product approved for such use as commonly practiced for grain storage management. Follow the most restrictive of the labeling limitations and precautions.

Apply GRAVISTA®-D to commodities as they are being loaded or turned into storage facilities. Apply 11 pounds of GRAVISTA®-D per 1,000 bushels of commodity or 0.4 pounds (6.4 oz) (181 gms) per ton. Apply the product as uniformly as possible to the grain stream to assure even coverage. Depending on the amount of commodity to be treated, a calibrated hand scoop with the appropriate amount of product may be used to apply into hoppers or boots as the commodity is being moved through an auger into a storage compartment. In larger quantity applications, a powered hopper applicator that applies a metered amount of product to the grain stream, boot or auger may be used. Apply in such a manner as to reduce the potential of the product blowing off target in windy conditions.

APPLICATION INSTRUCTIONS FOR EMPTY BIN, WALL VOID, CRACK AND CREVICE TREATMENT: Use GRAVISTA®-D to treat bins, feed mills, and other areas where stored product pests may harbor. For applications to hard surfaces within these sites, apply GRAVISTA®-D at a rate of 13 oz (375 grams) per 1,000 ft² of surface area. Pay particular attention to cracks, crevices, and voids where food commodities can accumulate and attract pests. Use a bulb duster or other suitable equipment to apply the material.

SEED TREATMENT FOR BULK STORAGE: Apply GRAVISTA®-D to protect grain seed against injury from stored grain insects. Clean and treat seed storage areas prior to loading. Any commercial or on farm treatment equipment for treating commodity as seed is acceptable. Treat using Batch or Continuous flow type equipment. If seed is infested, using the most restrictive of the labeling limitations and restrictions, fumigate* to control existing populations and apply GRAVISTA®-D for residual protection. Using the most restrictive of the labeling limitations and restrictions, GRAVISTA®-D may also be used in conjunction with registered fungicides or other insecticide seed protectants registered with the EPA, to protect barley, corn, oats, popcorn, rice, rye, sorghum and wheat seed during the seed treating process, and prior to bagging or placing in bulk seed storage. Apply 11 pounds of GRAVISTA®-D per

1,000 bushels of commodity or 0.4 pounds (6.4 oz) (181 gms) per ton. When treating seed with additional pesticide products, properly tag the treated seed, indicating "Treated with (name of substance). Do not use seed for food, feed, or oil purposes." Seed treated with GRAVISTA®-D alone is considered grain. (See below for more information)

*Using the most restrictive labeling limitations and restrictions, fumigate with EPA-registered fumigants according to manufacturer's label instructions and restrictions.

SEED BAG LABEL REQUIREMENTS: Seed commercially treated with this product must be labeled in accordance with all applicable requirements of the Federal Seed Act. The user of this product is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

THE FEDERAL SEED ACT REQUIRES THAT BAGS CONTAINING TREATED SEEDS BE LABELED WITH THE FOLLOWING STATEMENTS:

Option 1

This product has been treated with GRAVISTA®-D (89459-123) (S-Methoprene, Deltamethrin, Piperonyl Butoxide) seed treatment. This product as treated is considered to be grain.

Option 2

If additional pesticides (i.e., fungicides) are added, list the product name(s) and active(s) as well.

This product has been treated with GRAVISTA®-D (89459-123) (S-Methoprene, Deltamethrin, Piperonyl Butoxide) seed treatment and XXX and YYY products (list out ai's).

– DO NOT use for feed, food, or oil purpose.

The U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with GRAVISTA®-D seed treatment:

- Store treated seed away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seeds.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting (such as in row ends).
- Dispose of seed packaging or containers in accordance with local requirements.

STORAGE and DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **Pesticide Storage** - Store in a cool, dry place. **Pesticide Disposal** - Wastes resulting from use of this product must 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 dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For information or in case of an emergency, call 1-800-248-7763.