

PESTO / GRAIN STORAGE INSECTICIDE



INSECTICIDE FOR GRAIN ELEVATOR OPERATORS & HOME FARM STORAGE REGISTERED ORGANIC, USDA NATIONAL ORGANIC PROGRAM

Pesto Grain Storage Insecticide has been successfully used as a stored grain insecticide for many years across the United States and Australia. It has always been used as an additive to the grain body as well as a pre-bin spray prior to loading the storage vessel. We recognize that insects are present when grain is harvested; we also recognize that infestation can happen after the grain has been stored. Insects traveling from outside the storage vessels can and do gain access to stored grain.

GUARDS AGAINST INFESTATION

To guard against infestation from residual insects on or around your storage site, Pesto GSI can easily be "painted" onto almost any surface to create a barrier to crawling insects around your grain. This is applied in solution form by simply mixing Pesto GSI with water and applying it with a back pack or hand held garden sprayer. Mix 1.5 pounds of Pesto GSI per gallon of water. Apply 1.5 gallons of finished spray per 1,000 sq. ft. of exterior surface.



Custom Integrated Pest Management Solutions for all types of Storage Facilities



Painting exterior of grain storage facility takes only minutes. A back pack sprayer is used for this small silo. For large jobs an agricultural sprayer would be more effective.

Pesto GSI dries in minutes creating complete coverage over the outside of your storage silo. When dried, Pesto GSI leaves a dry powdery film that allows an operator to see any areas that may have been missed during application. If an area was missed during initial application, the operator will notice it quickly and be able to reapply at that point.

**US EPA REGISTERED & REGISTERED
USDA NATIONAL ORGANIC PROGRAM**

- Crop Protection Aid
- Disease and Pest Control
- Fertilizer and Soil Amendment
- Livestock Production Aid
- Processing and Handling



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INSECTS CAN NOT BECOME IMMUNE

OUTSTANDING PERFORMANCE

Controls insects in stored grains, including wheat, milo, barley, oats, rye, corn, beans, peas, rice, sorghum, seed, feed, cocoa, nuts, and other types of stored food.

Pesto Grain Storage Insecticide (GSI) Application at Time of initial Storage: Rate of Pesto GSI applied directly to grain prior to storage is 1 to 2 lb. per Ton of grain. Applied by hand as the grain is conveyed into storage. The operator simply lightly applies the insecticide onto the grain with a Pesto application scoop. A steady even application will yield the best overall results. When the storage vessel is filled to the desired height, put a top dressing of Pesto GSI onto the grain surface with the use of a Blow-Vac (see picture below). A Blow-Vac uses compressed air to deliver Pesto GSI in an even fog that will cover the surface of the grain. This will ensure that a protective barrier guards against any infestations from the top. The "Barrier" method of applying Pesto GSI combined with mixing into the grain mass will give you the best protection against long term insect damage to your stored grain.



Blow-Vac application of Pesto GSI

COMMON TREATABLE PESTS

- Granary Weevils
- Red Flour Beetles
- Rice Weevils
- Sawtoothed Grain Beetles
- Rusty Grain Beetles
- Merchant Grain Beetles
- Hide Beetles
- Litter Beetles
- Grain and Mold Mites
- Indian Meal Moths
- And all other beetles

DEFINING ATTRIBUTES

- *Pesto replaces Hazardous Chemical pesticides - No poisonous insecticides introduced to grain to be transferred to animals and humans*
- *Following custom designed program provides long-term protection. Less treatments means lower storage costs.*
- *Insects cannot become immune to insecticide*
- *Single product treats Outside Storage Facility, Inside of Empty Storage Facility, and Grain being introduced to Storage Facility*

PHYSICAL PROPERTIES

- *Pesto GSI's physical properties equates to more coverage per pound of product. Following custom application procedure can provide grain protection for duration of storage term.*