



Protect Stored Grain Before Insects Become a Problem

Grain protectants help farmers, grain elevators, feed mills, and grain processors protect grain from stored product insects during storage, handling, and transport.

When applied to moving grain during loading or transfer, grain protectants can help prevent infestations, preserve grain quality, reduce shrink, and protect commodity value.

Grain protectants offer an alternative to fumigation for preventive stored grain insect control and do not require sealing a structure. Adult-control products target exposed, susceptible insects. IGR-only products help prevent immature insects from developing into adults. Follow the selected product label and confirm receiving-facility requirements before delivery; treatment does not guarantee acceptance.



Grain Quality



Protection



Efficiency

Grain Protectants Available from FSS

FSS supplies dry, liquid, IGR, residual, and contact grain protectant options, including:



Insecto®
Diatomaceous Earth



Gravista®-D



Diacon®-D IGR



Gravista®
Liquid Grain Protectant



Diacon® IGR Plus
Liquid Grain Protectant

Make Application Easier and More Consistent



Dry grain protectants are often ready to use and simple to apply. Liquid grain protectants can be effective and economical, but manual spraying can be time-consuming, inconsistent, difficult to calibrate, and increase worker exposure.

FSS offers grain protectant application systems to improve coverage, accuracy, and labor efficiency.



Shop grain protectants: shop.fsszone.com
Need help choosing a product or system? Call 833-221-2979 or Email: info@fsszone.com

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Grain Protectant Application System Options

FSS can help match your grain protectant, application rate, grain flow, and facility setup with the right system.

Dry Product Applicator



Best for: Dry grain protectants and locations without water. Meters dry products such as Diacon-D or Gravista-D onto moving grain.

✓ **Pros:**
No water required, no freezing water lines, simple setup, easy refill, good for seasonal use.

⚠ **Considerations:**
Dry product may cost more per treated bushel, boxes are heavy, and hopper needs refilling.

Large Batch Tank Mix System



Best for: Economical liquid application at higher volumes. Uses a larger tank of water mixed with liquid grain protectant and pumps the solution to the application point.

✓ **Pros:**
Cost-effective, simple liquid setup, useful for seasonal treatment, works where permanent plumbing is limited.

⚠ **Considerations:**
Requires accurate calculations, water access, manual mixing, and freeze protection.

Small Batch Tank Mix System



Best for: Smaller grain volumes like specialty grains or periodic treatment. Uses a smaller tank to reduce waste and make liquid treatment more manageable.

✓ **Pros:**
Smaller batches, less leftover diluted product, simple setup, good for farms and smaller elevators.

⚠ **Considerations:**
Requires mixing, calibration, refilling, water access, and freeze protection.

Automated Chemical Injection System



Best for: Precision, automation, and high-throughput facilities. Meters liquid grain protectant into a water stream in real time and applies the solution to moving grain.

✓ **Pros:**
Most consistent liquid application, mixes on demand, reduces leftover product, efficient for high-volume operations.

⚠ **Considerations:**
Requires reliable water access, more installation planning, higher upfront cost, and freeze protection.

Shop Grain Protectants. Get Application Support.

FSS provides grain protectants, application equipment, calibration support, and technical guidance for stored product insect management.

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