

STORED CORN

The BUG FREE GRAINS Solution for Stored Corn Protection

Control invading insects before they eat away at your profits.

For just pennies per bushel, you can protect profits by stopping insects before they have a chance to get an infestation foothold. The Bug Free Grains Stored Product Solutions lineup has proven post-harvest grain protectant products that control insect infestations from start to finish.

Apply the Power of *PLUS*

Diacon® IGR PLUS provides the knockdown power of an insecticide plus the long-term control of an insect growth regulator (IGR). Apply **Diacon® IGR PLUS** as a pre-bin treatment AND as an in-stream grain protectant. **Diacon® IGR PLUS** is a proactive and cost-effective, labor-saving product that helps ensure the quality of your stored corn by controlling infestations and preventing rebound.

Achieve Adult Knockdown

Centynal™ EC Insecticide can be applied in the grain stream or as an empty bin treatment to control adult insect infestations. Formulated as an emulsifiable concentrate, **Centynal™ EC Insecticide** provides effective knockdown with a long-lasting residual.

Synergize It

For problematic infestations (particularly weevils), give **Diacon® IGR PLUS** or **Centynal™ EC Insecticide** a boost with **PBO-8® Synergist**. The piperonyl butoxide in **PBO-8® Synergist** helps synergize the insecticide in **Diacon® IGR PLUS** for long-term storage and in **Centynal™ EC Insecticide** for the short-term (rescue) applications. **PBO-8® Synergist** boosts control, keeping those tough-to-manage insect infestations at bay to protect your corn.

A FLEXIBLE APPROACH TO INSECT MANAGEMENT

PRETREAT

- Prior to storage - clean storage bins and equipment thoroughly and treat with **Diacon® IGR PLUS**.

SELECT THE PRODUCTS THAT MEET YOUR NEEDS

- Rescue treatment - use **Centynal™ EC Insecticide** and **PBO-8® Synergist**.
- Long-term storage - treat corn in stream with **Diacon® IGR PLUS**, bolstered with **PBO-8® Synergist**.
- Infested grain - fumigate first, then treat corn with **Diacon® IGR PLUS** bolstered with **PBO-8® Synergist** as you turn grain.



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Prevent Insect Damage and Increase Profitability with BUG FREE GRAIN SOLUTIONS.

The active ingredients in **Diacon® IGR PLUS** are (S)-methoprene and deltamethrin. (S)-Methoprene is an IGR with a long residual that interrupts the insects' life cycles and prevents larvae from developing into adults. Deltamethrin is a pyrethroid insecticide with a proven history of controlling a broad spectrum of insect pests including those that infest stored corn.

Centynal™ EC Insecticide, with deltamethrin, is an emulsifiable concentrate. Once agitated to ensure proper mixing, **Centynal™ EC Insecticide** applications provide uniform coverage of the active ingredient for effective knockdown of adult insects.

A synergist for many classes of insecticides, **PBO-8® Synergist** works by blocking production of mixed-function oxidase enzymes, which insects use to metabolize active ingredients.

Versatile application options with **Diacon® IGR PLUS**, **Centynal™ EC Insecticide** and **PBO-8® Synergist** include treating the grain stream during transfer and treating empty bins.



DIACON® IGR PLUS

- Combination of an IGR plus an adulticide
- Long-lasting residual
- Apply directly to the grain stream
- Apply as a pre-bin treatment
- CODEX approved for cereal grains
- Broad-use pattern



CENTYNAL™ EC INSECTICIDE

- Enhanced emulsifiable concentrate formulation
- Dilute with water or oil
- Broad-use pattern
- CODEX approved



PBO-8® SYNERGIST

- Synergizes many insecticides, including pyrethroids
- Works with most misting, fogging or spray equipment
- Favorable toxicological profile – low risk to humans and the environment
- Excellent resistance management tool



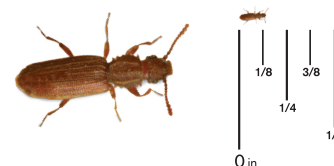
KNOW THE ENEMY



GRANARY WEEVIL

Sitophilus granarius

Adults feed on whole and broken kernels; larvae grow from eggs deposited inside kernels.



SAW-TOOTHED GRAIN BEETLE

Oryzaephilus surinamensis

Secondary pests of corn, oats, wheat, barley, animal feed; adults and larvae feed on grain dust, larvae prefer germ.



LESSER GRAIN BORER

Rhyzopertha dominica

Adults and larvae bore into grain kernels, feed on grain dust leaving behind powdery residue; a sweet musty odor.

 **CENTRAL** Life Sciences®

To learn more about all of our stored grain solutions for insect control, visit BugFreeGrains.com.

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