

STORED RICE



The BUG FREE GRAINS Solution for Stored Rice Protection

Knock down invading insects before they have a chance to get an infestation foothold in your operation — and eat away at your profits.

For just pennies per bushel, rice storage operations can protect their profits with one of the best product combinations in the market for fighting insect infestations.

Tank Mix Diacon® IGR and Centynal™ Insecticide

A tank mix of Diacon® IGR plus Centynal™ Insecticide gives you the knockdown power of a broad-spectrum insecticide plus the long-term control of an insect growth regulator (IGR). It's a proactive, cost-effective, labor saving process that helps ensure the quality of your stored rice. Treating your stored rice helps control a variety of insect pests, including but not limited to, rice weevils and lesser grain borers, ending infestations and virtually eliminating reinfestations.

Synergize It

For problematic infestations, such as rice weevils, give your tank mix a boost with PBO-8® Synergist. The Piperonyl Butoxide in PBO-8® ingredient synergizes the Deltamethrin in Centynal™ Insecticide by blocking the weevil's ability to produce the mixed-function oxidase enzymes that metabolize insecticides. Add PBO-8® Synergist to your tank mix for an added boost of control power, with increased knockdown and flushing action.

FLEXIBLE APPROACH TO INSECT MANAGEMENT

- Prior to storage - clean storage facilities and rice handling equipment thoroughly and spray with a tank mix of Diacon® IGR and Centynal™ Insecticide.
- Long-term storage - treat rice in stream with a tank mix of Diacon® IGR and Centynal™ Insecticide, bolstered with PBO-8® Synergist.
- Undetermined storage - dry the rice then treat as moving.
- Untreated storage - treat rice with Centynal™ Insecticide bolstered with PBO-8® Synergist as you transfer from storage to achieve insect control prior to arrival at the mill.



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

The active ingredient in Diacon® IGR is an insect growth regulator with a long residual that interrupts the insect life cycle and prevents larvae from developing into adults. The active ingredient in Centynal™ Insecticide is a pyrethroid insecticide with a proven history of controlling a broad spectrum of insect pests including those that infest stored rice. 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 these products include treating the grain stream during transfer, and treating empty bins (both inside or outside of facility).



DIACON® IGR

- An insect growth regulator that breaks the insect life cycle
- The active ingredient (S)-methoprene
- Long residual
- Protection against reinfestations
- EPA tolerance exempt



CENTYNAL™ INSECTICIDE

- Broad-spectrum insect control
- Active ingredient Deltamethrin with an established food tolerance for rice
- Labeled for and used on any form of rice-raw, rough, polished, parboiled, ground, etc.
- Long-lasting residual
- Low toxicity profile



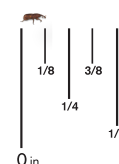
PBO 8® SYNERGIST

- 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

TANK MIX OPTIONS TO FIT YOUR NEEDS

- Control from larva to adult
- Active prevention of reinfestations
- One process to control all stored grain insects
- Profit protection

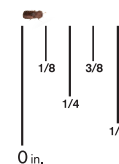
KNOW THE ENEMY



RICE WEEVIL

Sitophilus oryzae

Adults feed on whole and broken kernels, can also infest grain in field; larvae grow from eggs deposited inside kernels.



LESSER GRAIN BORER

Rhyzopertha dominica

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

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

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