

→ DIACON® IGR & CENTYNAL™ INSECTICIDE Q&A

Q What is Diacon® IGR?

A Diacon® IGR is an insect growth regulator (IGR) registered by the Environmental Protection Agency (EPA) for the control of insect larvae in stored grains and other agricultural commodities.

Q What is an insect growth regulator (IGR)?

A Insect growth regulators are active ingredients that disrupt the insect life cycle by interrupting larval development as opposed to affecting the nervous system through direct toxicity.

Q What is the active ingredient in Diacon® IGR?

A The active ingredient in Diacon® IGR formulations is the IGR (S)-methoprene.

Q What is Centynal™ Insecticide?

A Centynal™ Insecticide is a long-lasting insecticide from the makers of Diacon® IGR that kills a broad spectrum of stored product insects on contact.

Q What is the active ingredient in Centynal™ Insecticide?

A The active ingredient in Centynal™ Insecticide is Deltamethrin. It carries a CAUTION signal word label and low toxicity. That means a better work environment because of less danger to workers.

Q I have bugs in my grain, what do I do?

A If the infested grain is already in storage, fumigate with an EPA registered fumigant to eliminate the infestation. Following fumigation, if possible, turn the grain and treat with a tank-mix combination of Diacon® IGR and Centynal™ Insecticide. The best way to prevent infestation is to treat the commodity in the grain stream as it is being placed into the storage facility.

Q What about empty bin treatments?

A Clean bins thoroughly and give a tank-mixed spot crack and crevice treatment of Diacon® IGR and Centynal™ Insecticide.

Q When should I apply a tank mix to grain?

A For long-term protection, add a tank mix of Diacon® IGR and Centynal™ Insecticide to the grain as it moves into storage.

Q Can I treat the top or bottom of a grain mass, or just the bin walls, and get good results?

A For the best results, treat in the grain stream as well as the empty bin. By not treating the entire mass, there is a possibility of infestation in the untreated areas of the grain mass.

Q What is the rate of application for a tank mix of Diacon® IGR and Centynal™ Insecticide for wheat?

(For other commodities, please reference Centynal™ label; Diacon® IGR rate commonly used is 4 oz per 1000 bushels.)

A The tank-mix rate per 1000 bushels of wheat is 4.0 oz of Diacon® IGR and 9.14 oz of Centynal™ Insecticide in 5 gallons of water. Refer to the product labels for the complete application details.

Q How long will grain be protected at these application rates?

A While residual action can vary with conditions and application rates, Centynal™ Insecticide would be expected to last 3-6 months and Diacon® IGR can last over a year at the higher application rates.

Q Can grain treated with a tank mix of Diacon® IGR and Centynal™ Insecticide be used with bin aeration?

A Yes, aeration will not interfere with the efficacy of a Diacon® IGR and Centynal™ Insecticide tank-mix treatment.

Q How soon after treating with a tank mix of Diacon® IGR and Centynal™ Insecticide can the grain be used for feed, milling etc.?

A Grain can be used immediately after treatment with a tank mix of Diacon® IGR and Centynal™ Insecticide.

Q What limitations are there regarding where grain can be shipped or used after being treated with a tank mix of Diacon® IGR and Centynal™ Insecticide?

A For domestic use, there are no exceptions where grain can be shipped or processed when treated as long as the applications were made according to the label. When tank mixing, the more stringent label must be followed.

Q What about for export?

A For export of treated grains, CODEX tolerances and/or country tolerances must be followed. Refer to the specific country of import to determine acceptable tolerances for both (S)-methoprene and Deltamethrin prior to treating the commodity.

Q What is the cost of a tank mix of Diacon® IGR and Centynal™ Insecticide?

A For a cost of 4.5 cents per bushel, you can get one of the best product combinations in the market for fighting stored product insect infestations.

Q Where can I buy Diacon® IGR and Centynal™ Insecticide?

A Please log on to our website bugfreegrains.com to find the distributor/dealer in your area and to download MSDS/Specimen labels.



To get Diacon® IGR and Centynal™ Insecticide for your stored grains, call **800.248.7763** or visit **bugfreegrains.com**.

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