

PEANUTS



The BUG FREE GRAINS Solution for Peanut Operations

Whether you are a grower, processor, or sheller, controlling insects is a key measure in protecting your profitability.

Insects such as Indian meal moths, red flour beetles and confused flour beetles can be persistent insect pests in peanut facilities. As they feast on the peanuts, they leave behind broken shells and dust — and can contaminate your production process with insect parts and other detritus.

Protect Against Infestations with Diacon® IGR

Diacon® IGR is approved for use on all grains, spices, feeds and seeds, including commodities for human and animal consumption. The active ingredient in Diacon® IGR, (S)-methoprene, is an insect growth regulator with a long residual that interrupts the insect life cycle. Considered a biochemical pesticide, (S)-methoprene interferes with the insects' life cycles and prevents them from reaching maturity or reproducing, rather than controlling target pests through direct toxicity.

Adding Diacon® IGR to incoming peanuts can protect them from insect-related contamination and damage, preserving their quality and helping to ensure your profits are not impacted. In addition to treating raw commodities, Diacon® IGR may also be used in processing facilities as a fogging concentrate or surface spray for the treatment of insect pests.

YOU CAN HELP PREVENT INSECT INFESTATIONS WITH A S.L.A.M. STRATEGY

- **Sanitation** – prior to storage, clean the storage facilities and handling equipment thoroughly and spray with a tank mix of Diacon® IGR and Centynal™ Insecticide
- **Loading** – incorporate Diacon® IGR while loading peanuts
- **Aeration** – properly lower stored peanut temperature
- **Monitor** – watch for early signs of infestation and sample regularly



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Control Infestations, Prevent Contamination and Economic Damage with Diacon® IGR

The active ingredient in Diacon® IGR, (S)-methoprene, has a different mode of action than other insecticides: it prevents the larvae of nuisance insects from maturing into adults, interrupting their life cycles to help prevent infestation. Diacon® IGR can be used on all stored grains, spices, feed and seeds, including those used for animal and human consumption.

DIACON® IGR

A versatile liquid formulation that is excellent for control of Indian meal moths, red flour beetles, confused flour beetles and other stored product insects.

- Cost-effective, long-term control
- Offers a range of application rates to fit storage parameters
- No withdrawal or holding period; Treated commodities may be processed immediately
- EPA tolerance exempt
- Stable at high heat

HOW TO USE DIACON® IGR

- Apply directly to incoming peanuts, including “green” peanuts
- A simple spray tank and nozzle system can be used for application
- Position nozzle over flowing stream of peanuts and calibrate according to rate of movement
- The most common use rate for prevention of insect infestation is 4 fluid oz. of Diacon® IGR + 5 gal. of water per 1,000 Bu of peanuts



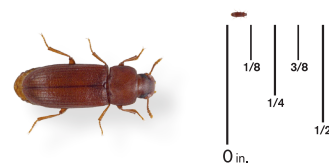
KNOW THE ENEMY



INDIAN MEAL MOTH

Plodia interpunctella

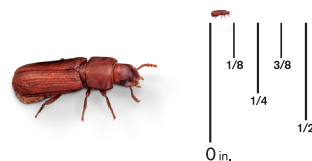
Larvae produce dense webbing that binds to food fragments; adult insects flying in vicinity of feed.



RED FLOUR BEETLE

Tribolium castaneum

Can cause damage by feeding, but primarily causes damage by contamination.



CONFUSED FLOUR BEETLE

Tribolium confusum

Foul odor and taste in infested feed; presence of adult insects, shed skins and fecal matter.

For more information about protecting peanuts with Diacon® IGR, contact your distributor or visit BugFreeGrains.com.