Diacon® IGR PLUS

Combination insect growth regulator PLUS adulticide

PROTECTS STORED GRAINS AND SEEDS AGAINST DAMAGE FROM INDIAN MEAL MOTH, SAW-TOOTHED GRAIN BEETLE, RED FLOUR BEETLE, RICE WEEVIL, MAIZE WEEVIL, AND OTHER LISTED PESTS

- Long residual control
- Reduces rebound of infestations
- May be tank-mixed
- May be diluted with water or oil
- Miscible in dust controlling oils

ACTIVE INGREDIENTS:
Deltamethrin........................................ 4.75%
S-Methoprene..................................... 11.40%
OTHER INGREDIENTS:......................... 83.85%
TOTAL:............................................. 100.00%

Contains 0.41 lb deltamethrin per gallon
Contains 1 lb S-methoprene per gallon

300521636

KEEP OUT OF REACH OF CHILDREN

WARNING
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS:
2.5 GAL (320 FL OZ)
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS - WARNING: May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID
If swallowed • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
If on skin • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. • Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS
This product is extremely toxic to freshwater and estuarine fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems.

PHYSICAL AND CHEMICAL HAZARDS
Do not use water-based sprays of DIACON® IGR PLUS in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE
DIACON® IGR PLUS is an enuclidic concentrate insecticide that contains an eddicide and insect growth regulator for use on stored grains and for treating empty bins and warehouses for stored product pest control. DIACON® IGR PLUS provides effective knockdown and control of listed adults and larvae and prevents the buildup of listed pests.

PRODUCT INFORMATION
For information or in case of an emergency, call 1-800-248-7763.
Visit our Web site: www.bugfreegrains.com
Manufactured for:
Central Garden & Pet Company
1501 East Woodfield Road, Schaumburg, Illinois 60173

STOURED GRAIN

Use to control adults and accessible larval stages of listed insect pests including, toast grain borers, larger grain borers, Anomoeoba grain moths, Indian meal moths, tobacco, smutts, dermestids, and bean weevils; also to control populations of granary weevils, rice weevils, maize weevils, saw-toothed grain beetles, red flour beetles, and confused flour beetles.

Tank-mixing: In instances of high weevil complex pressure or suspected tolerance, the use of pipercarb (PYO) synergist may be used as a tank mix partner. Use PYO at a rate of 1 part DIACON® IGR PLUS to 1.5 parts PYO. DIACON® IGR PLUS may be tank mixed with other pesticide products such as Pyridin® (Crop Spray). The more stringent label will apply when tank-mixing.

Biorelicent for Treatment: Dilute DIACON® IGR PLUS with water or approved dust controlling oils, mineral or soybean oils and apply to the moving grain stream as a coarse
spray to provide a concentration of 0.5 ppm to 1 ppm of deltamethrin and 1.25 ppm or 2.5 ppm of S-methoprene on the grain.

Final spray volume with water solutions is 3–5 gallons of liquid per 1,000 bushels of grain. For corn, rice, 10 gallons of water per 1,000 bushels. Maintain agitation before and during application. Use a mixed dilution within 48 hours of preparing. Re-agitation or spray dilution may be required if left overnight.

For uniform application, treat the grain as it moves into storage. Apply DIACON® IGR PLUS in solution at the rate of 3–5 gallons of dilution per 1,000 bushels to achieve a 0.5 ppm to 1 ppm concentration of deltamethrin and 1.25 ppm or 2.5 ppm of S-methoprene on the commodity. Apply at rates as shown in the tables below.

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Treatment at 0.5 ppm Deltamethrin/ 1.25 ppm S-Methoprene</th>
<th>Treatment at 1 ppm Deltamethrin/ 2.5 ppm S-Methoprene</th>
<th>Gallons of Diluent</th>
<th>Liters of Diluent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley</td>
<td>7.75 ml</td>
<td>15.50 ml</td>
<td>3–5</td>
<td>11.3–19</td>
</tr>
<tr>
<td>Corn</td>
<td>9 ml</td>
<td>18 ml</td>
<td>3–5</td>
<td>11.3–19</td>
</tr>
<tr>
<td>Oats</td>
<td>5.15 ml</td>
<td>10.30 ml</td>
<td>3–5</td>
<td>11.3–19</td>
</tr>
<tr>
<td>Popcorn</td>
<td>9 ml</td>
<td>18 ml</td>
<td>3–5</td>
<td>11.3–19</td>
</tr>
<tr>
<td>Rice</td>
<td>7.2 ml</td>
<td>14.40 ml</td>
<td>3–5</td>
<td>11.3–19</td>
</tr>
<tr>
<td>Rye</td>
<td>9 ml</td>
<td>18 ml</td>
<td>3–5</td>
<td>11.3–19</td>
</tr>
<tr>
<td>Sorghum</td>
<td>8 ml</td>
<td>16 ml</td>
<td>3–5</td>
<td>11.3–19</td>
</tr>
<tr>
<td>Wheat</td>
<td>9.6 ml</td>
<td>19.20 ml</td>
<td>3–5</td>
<td>11.3–19</td>
</tr>
</tbody>
</table>

AMOUNT OF DIACON® IGR PLUS / 1,000 BUSHELS OF GRAIN

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<tr>
<th>Commodity</th>
<th>0.5 ppm Deltamethrin/ 1.25 ppm S-Methoprene</th>
<th>1 ppm Deltamethrin/ 2.5 ppm S-Methoprene</th>
<th>Ounces of Diluent</th>
<th>Milliliters of Diluent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley</td>
<td>0.34 ml</td>
<td>0.68 ml</td>
<td>13–21</td>
<td>384–630</td>
</tr>
<tr>
<td>Corn</td>
<td>0.34 ml</td>
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</tr>
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SEED TREATMENT

Apply DIACON® IGR PLUS to protect stored grain seed against injury from stored grain insects listed. Clean and treat seed storage areas prior to storage. If seed is infested, fumigate to control existing populations and apply DIACON® IGR PLUS for residual protection. DIACON® IGR PLUS may also be used in conjunction with registered fungicide or other insecticide seed protectants, to protect barley, corn, oats, popcorne, rice, rye, sorghum and wheat seeds during the seed treating process, and prior to bagging or placing in bulk seed storage at the rate of 0.5 ppm – 1 ppm. When treating seed with other pesticide products, properly tag the treated seed, indicating "Do not use seed for food, feed, or all purposes." Seed treated with DIACON® IGR PLUS alone is considered grain.

* Fumigate with EPI-registered fumigants according to manufacturer's label recommendations.
**GRAIN BINS AND WAREHOUSES**

Dilute 0.25 - 1.5 fl oz of DIACON® IGR PLUS with water to make 1 gallon of solution. Before storing or handling grain, apply finished spray to equipment, walls and floor surfaces of grain bins and warehouses at the rate of 1 gallon per 1,000 sq ft but do not allow rain to occur. Apply after equipment bins and buildings have been thoroughly cleaned. If infestations are severe or there are areas that are difficult to treat with a conventional spray, fumigation is recommended with an EPA registered fumigant.

Use DIACON® IGR PLUS as a perimeter treatment to prevent infestation of these structures. Apply to areas where pest problems may occur or may be found. Treat a bond or lawn up to 10 feet wide around and adjacent to structures and treat the foundation to a height of 2 to 3 feet. Mix 0.25 - 1.5 fl oz of DIACON® IGR PLUS with water to make 1 gallon of solution. Apply as a coarse spray at a rate of 1 gallon per 1,000 sq ft. Wet the barrier area thoroughly and uniformly but do not allow rain to occur. Applications to building structures higher than 3 feet; all outdoor applications to periphery surfaces are limited to spot and crack and crevice applications only.

**STORAGE and DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. PESTICIDE STORAGE – Mix as needed. Store in original container in a secured, dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled, on floor or paved surfaces, absorb on sand or other commercially available absorbent material, sweep up and remove to chemical waste area for your disposal. Concentrate is stable at normal storage temperatures. PESTICIDE DISPOSAL – Wastes resulting from use of this product may be disposed of on site at an approved waste disposal facility. CONTAINER DISPOSAL – Nonrefillable container. Do not reuse or refill this container. Pour remaining contents into an approved container for disposal at a local facility. Shovel for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and repeat. Shovel for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The Directions for Use of this product are believed to be adequate and must be followed carefully. However, because of manner of use and other factors beyond Central Garden & Pet Company’s control, it is impossible for Central Garden & Pet Company to eliminate all risks associated with the use of this product. As a result, personal injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, CENTRAL GARDEN & PET COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Central Garden & Pet Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent inconsistent with applicable law, Central Garden & Pet Company disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATION OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid, or at Central Garden & Pet Company’s election, the replacement of product.

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**ACTIVE INGREDIENTS:**

- Deltamethrin: 4.75%
- S-Methoprene: 11.40%
- OTHER INGREDIENTS: 83.85%
- Total: 100.00%

- Concentrate = 4 fl oz deltamethrin per gallon
- Concentrate = 1 fl oz methoprene per gallon

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

See attached leaflet for additional Precautionary Statements

**Manufactured for:**
Central Garden & Pet Company
1601 East Woodfield Road 209W
Schaumburg, Illinois 60173
For more information or in case of an emergency, call 1-800-247-7763.
Visit our Website: www.hugheegrain.com

**EPA Reg. No.: 8459-561**
**EPA Est. No.: 7724-TN-1**
**303521688**

**NET CONTENTS:** 2.5 GAL (320 FL OZ)

**BASE LABEL COPY AREA**