

**INDOXACARB GROUP 22 INSECTICIDE**



# Advion®

## Insect Granule

### Insecticide

A granular bait for the control of crickets, including mole crickets, in turfgrass on golf courses, residential, commercial, public and institutional areas, parks, recreational areas and athletic fields, and cockroaches, crickets, nuisance ants, and listed crawling insect pests in attics, crawl spaces, and basements of residential, commercial, public, and institutional buildings.

Active Ingredient:	
Indoxacarb	
(S)-methyl 7-chloro-2,5-dihydro-2-[[[(methoxycarbonyl) [4(trifluoromethoxy)phenyl]amino]carbonyl]indeno[1,2-e] [1,3,4]oxadiazine-4a-(3H)carboxylate . . . . .	0.22%
Other Ingredients	99.78%
Total:	100.00%

### KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

EPA Reg. No. 100-1483  
EPA Est. No. 67572-GA-1  
Product of USA  
SCP 1483A-L1E 1219

**25 pounds**  
Net Contents  
Non-refillable Container



#### FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment

#### HOTLINE NUMBER

For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call  
**1-800-888-8372**

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Avoid contact with skin, eyes or clothing.

#### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Shoes plus socks.
- Long-sleeved shirt and long pants are required when using hand-held application equipment.

#### USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### USER SAFETY RECOMMENDATIONS

**USERS SHOULD:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment rinsewater or rinsate. Do not apply where/when conditions could favor runoff. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

Do not apply to any impervious surfaces which may contact or lead directly to surface water, storm drains, or urban runoff conveyance systems (gutters). Sweeping any product that lands on an impervious surface back onto pervious surfaces will prevent runoff to water bodies or drainage systems. Cover, incorporate, or clean up granules that are spilled.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Read entire label before using this product. Syngenta will not be responsible for losses or damages resulting from use of this product in any manner not specifically stated on this label or other labels or bulletins published by Syngenta. User assumes all risks associated with such non-specified use.

#### PRODUCT INFORMATION

Advion Insect Granule is a ready-to-use granular bait that contains the active ingredient indoxacarb. When applied according to label use directions, Advion Insect Granule controls the wide range of insect pests listed in Table 1.

#### RESISTANCE MANAGEMENT

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For resistance management, Advion Insect Granule contains a Group 22A insecticide. Any insect population may contain individuals naturally resistant to Advion Insect Granule and other Group 22A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same treated areas. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of Advion Insect Granule or other Group 22A insecticides with different groups that control the same pests.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, record keeping, and which considers cultural, biological, and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.

Contact your local Syngenta representative, retailer, or extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area. For further information or to report suspected resistance contact Syngenta at 1-866-SYNGENT(A) (866-796-4368). Syngenta encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

## USE RESTRICTIONS

- Not for use on turfgrass that is being grown for seed or on commercial sod farms.
- Not for use in nurseries and greenhouses.
- **DO NOT** allow livestock or domestic animals to consume the bait or graze in treated areas.
- **DO NOT** apply indoors to areas accessible to children or pets.
- **DO NOT** allow Advion Insect Granule to contact any food or feed.
- **DO NOT** exceed 200 pounds of Advion Insect Granule per acre per year (equal to 0.44 lb active ingredient per acre per year).

## OUTDOOR APPLICATION

Advion Insect Granule contains the active ingredient indoxacarb in a formulation that is highly attractive to the pests listed in the following table. Advion Insect Granule should be applied in the spring to control adult mole crickets before they lay eggs and in the late summer and fall to control large nymphs and newly emerged adults.

For best control, apply in late afternoon to areas of turfgrass that are infested with mole crickets. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets to the soil surface where exposure to Advion Insect Granule will be maximized. For optimal effectiveness, allow grass that is wet with dew, rainfall or irrigation to dry before application. Rainfall or irrigation within 2 to 3 days after application may reduce the effectiveness of Advion Insect Granule, which may require retreatment.

**Table 1. Treatment Rates and Pests Controlled**

Turfgrasses grown for aesthetic or recreational purposes in or around golf courses (tee box areas, roughs, fairways, greens, and collars), residential dwellings, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, airports, cemeteries, parks, playgrounds, schools, sports and athletic fields, and other similar landscape turf areas			
Pest Controlled	lb product/ 1,000 sq ft	lb product/ acre	lb AI/acre
mole cricket adults and nymphs ( <i>Scapteriscus</i> spp.) ants, including tawny crazy ants (except red imported fire ants, harvester ants, carpenter ants and pharaoh ants) house crickets field crickets earwigs silverfish	1.15 to 4.6	50 to 200	0.11 to 0.44
cockroaches	2.3 to 4.6	100 to 200	0.22 to 0.44

Apply Advion Insect Granule at a rate of 50 to 200 lb product per acre (1.15 to 4.6 lb product per 1000 sq ft). Calibrate and adjust equipment prior to application to ensure that the proper rate of product is uniformly applied over the treatment area. Repeat application after 7 days, if necessary.

## INDOOR APPLICATION

Advion Insect Granule may be used to control the pests listed in Table 2 in crawl spaces, finished and unfinished basements and attics of residential, industrial and commercial buildings or structures. Monitor the treated area, and reapply bait granules only as needed.

For use in food or feed handling establishments, see section below.

**Crack & Crevice and Void Application** – Apply bait into cracks and crevices or voids at a rate up to 2 oz per 10 linear feet using a bulb applicator or other equipment for applying granular bait into cracks & crevices or voids.

**Perimeter Band Treatment** - Apply bait along walls in a band approximately 6 to 12 inches wide at rate of 2 oz bait granules per 10 linear feet.

**Bait Station** - Apply bait using commercial bait stations suitable for granular insect bait. Place 2 to 4 oz of bait in each bait station depending on the bait station design and size. The number of bait stations placed in the treated area will depend on the size of the area and the level of the infestation.

**Table 2. Indoor Treatment Methods and Pests Controlled**

Pests Controlled	Treatment Method	Treatment Location	Treatment Rate
ants, including tawny crazy ants (except fire ants, harvester ants, carpenter ants and pharaoh ants) earwigs field crickets house crickets millipedes <sup>1</sup> silverfish	Crack & Crevice, Void treatment	• Indoors	up to 2 oz per 10 linear feet
	Perimeter band	• Crawl spaces • Unfinished basements • Attics (uninhabited)	up to 2 oz per 10 linear feet in a band 6 to 12 inches wide
	Bait station	• Crawl spaces • Unfinished basements • Finished basements • Attics	2 to 4 oz per bait station (number of bait stations will depend on the level of infestation)

<sup>1</sup> not approved for use in California

**DO NOT** apply to areas accessible to children and pets.

## FOOD- AND FEED-HANDLING ESTABLISHMENTS

(Food-handling establishments are places other than private residences in which food is held, processed, prepared or served.)

### Applications in Non-food/Non-feed Areas

Advion Insect Granule may be used to control listed pests in residential structures and the non-food areas of commercial, industrial, public and institutional buildings/structures, including restaurants, warehouses, food processing plants, supermarkets, hospitals, nursing homes, motels, hotels, schools, daycares, laboratories, computer facilities, aircraft, buses, boats/ships, trains, and pet shops.

Non-food and non-feed areas include areas such as garbage rooms, lavatories, floor drains (to sewers), entries, and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after bottling or canning). Refer to section below for use directions and restrictions when making applications in food- and feed-handling areas of Food and Feed Handling Establishments.

### Applications in Food/Feed Areas

Food- and feed-handling areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food/feed area when food is exposed and facility is in operation.

Apply between different elements of construction, between floor and equipment, openings to voids and hollow spaces in walls, bases and equipment or using bait stations.

### Specific Restrictions for Food- and Feed-Handling Establishments

- **DO NOT** apply to areas or surfaces where food/feed, food utensils or food-processing surfaces may come into contact and become contaminated.
- **DO NOT** apply to areas that are routinely washed, such tops of tables, food/feed preparation and prepared food-holding surfaces.

## STORAGE AND DISPOSAL

### Prohibitions

Do not contaminate water, food or feed by storage and disposal.

### Pesticide Storage

Store product in original container only in a location inaccessible to children and domestic animals/pets. Store in a cool, dry place and avoid excessive heat.

### Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### Container Disposal

Non-refillable container. Do not reuse or refill this container. Completely empty plastic container, plastic bag or fiber sack into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling, if available or dispose of plastic container, plastic bag or fiber sack in a sanitary landfill, or by other procedures approved by state and local authorities.

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the SYNGENTA Logo  
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For non-emergency (e.g., current product information), call  
Syngenta Crop Protection at 1-800-334-9481

Manufactured for:  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

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