

INDOXACARB	GROUP	22A	INSECTICIDE
NOVALURON	GROUP	15	INSECTICIDE
PYRIPROXYFEN	GROUP	7	INSECTICIDE

DOXEM PLUS

FIRE ANT BAIT

For control of imported fire ants, bigheaded ants, pavement ants, and turfgrass ants on lawns, recreational areas, golf courses and other non-crop/non-grazed areas.

ACTIVE INGREDIENTS:

Indoxacarb **0.045%**

Novaluron **0.01%**

Pyriproxyfen **0.01%**

OTHER INGREDIENTS: **99.935%**

TOTAL: **100.00%**

KEEP OUT OF REACH OF CHILDREN

EPA Reg. No: 53883-417

EPA Est. No: 88746-GA-1

NET CONTENTS: 4 POUNDS

Manufactured for:



ADAMA

**Control
Solutions Inc.**

5903 Genoa Red Bluff, Pasadena, TX 77507

A member of Adama
Consumer and Professional Solutions



EPA 112322

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product, including health concerns, medical emergencies, or pesticide incidents, you may call **SafetyCall® International** at **(866) 897-8050**, 24 hours per day, 7 days per week.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

Personal Protective Equipment (PPE)

All handlers must wear long-sleeved shirts, long pants, shoes, and socks.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove gloves and clothing immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply where/when conditions could favor run-off. Cover, incorporate, or clean up granules that are spilled. This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water.

This product is classified as having a medium potential for reaching both surface water and aquatic sediment via runoff for several weeks after application. 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 treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back on to the treated area of the lawn or garden will help to prevent runoff to water bodies or drainage systems.

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water, or 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 washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 24 hours. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems. 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow coming in contact with oxidizing agent. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

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

USE RESTRICTIONS:

- For outdoor use only
- Apply this product only as specified in the EPA approved label.
- **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- **DO NOT** allow unprotected workers or other persons or pets in treated area during the application.
- **DO NOT** apply on sodfarms.
- **DO NOT** use kitchen utensils for measuring. Keep measuring utensils with pest control pesticides away from children.
- **DO NOT** allow livestock or domestic animals to consume the bait.
- **DO NOT** apply this product through any type of irrigation system.
- **DO NOT** exceed 6 total pounds of this product applied per acre per calendar year (0.0027 lbs. of indoxacarb, 0.0006 lbs. of novaluron and 0.0006 lbs. of pyriproxyfen per acre per calendar year).
- **DO NOT** formulate this product into other end-use products. This product is **NOT** to be applied on bigheaded ants, pavement ants, and turfgrass ants in California.
- For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.
- **DO NOT** apply the product into fish pools, ponds, streams, or lakes.
- **DO NOT** apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- **DO NOT** allow the product to enter any drain during or after application.
- **DO NOT** apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios.
- **DO NOT** make applications during rain. Avoid making applications when rainfall is expected (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- **DO NOT** allow to enter indoor or outdoor drains. *No permita la entrada a desagües internos o externos.*
- Follow proper disposal procedures on this label. *Siga las indicaciones del etiquetado para el desecho apropiado del producto.*



- Compatibility studies with other pesticides, fertilizers, and other biologically active materials have not been completed. **DO NOT** apply in combination with other materials.
- **DO NOT** apply if the area to be treated is wet with dew, irrigation or rainfall or if rain is expected within 24 hours.

PRODUCT INFORMATION

This product may be applied to control imported fire ants, bigheaded ants, pavement ants and turfgrass ants in non-crop/non-grazed areas such as residential lawns, golf courses, recreational areas, and industrial sites. Refer to the Use Rate table for specific treatment site examples where this product may be used to control imported fire ants.

RESISTANCE MANAGEMENT INFORMATION

For resistance management, please note that this product contains a Group 22A (Indoxacarb), a Group 15 (Novaluron) and Group 7 (Pyriproxyfen) insecticide. Any insect population may contain individuals naturally resistant to this product and other Group 22A, 15 or 7 insecticides. The resistant individuals may dominate the insect population if these insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of this product within a season, or among seasons, 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 and 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.
- For further information or to report suspected resistance contact your local Control Solutions, Inc. product distributor.

READ ALL DIRECTIONS COMPLETELY BEFORE USE

WHEN TO APPLY

This product should be applied at the first sign of imported fire ant, bigheaded ant, pavement ant or turfgrass ant activity. Applications may be made at any time of the day, but are more effective when ants are actively foraging, usually when the soil surface temperature is above 60° F.

Up to 4 applications of this product may be applied per year. Rainfall or irrigation within 2 to 3 hours after application may reduce the effectiveness of the product and a repeat application within 7 days may be necessary to achieve the desired level of control.

Use Sites		
• Home lawns • Golf courses • Athletic Fields • Recreational turf • Non-grazed/non-crop areas • Parks • Cemeteries • Picnic areas	• Uncultivated non-agricultural areas including: - o Airports - o Roadsides - o Highway right of ways - o Utility right of ways - o Campgrounds - o Industrial sites	• Institutional sites (areas around properties, structures, or facilities providing service to public or private entities) including: - o Hospitals - o Nursing homes - o Schools - o Universities/Colleges - o Museums - o Sports Facilities - o Office Buildings
Pest Controlled		
• Imported fire ants (<i>Solenopsis</i> spp.) • Bigheaded ants* (<i>Pheidole</i> spp.) • Pavement ants* (<i>Tetramorium</i> spp.) • Turfgrass ants* (<i>Lasius neoniger</i>)		

*Not approved for use on this species in California

Broadcast Applications		
Rate (pounds product /acre)	Rate (ounces product /1,000ft ²)	Directions
1.5 lb/Acre (6 lb/Acre total or 4 applications in a 1 year period)	0.5 oz/1,000 ft ²	Make application with broadcast equipment capable of applying 1.5 pounds of this product per acre. Calibrate and adjust equipment prior to application to ensure that the proper rate of product will be applied. Retreat after 14 days if needed.
Mound Applications		
Rate(ounces product/mound)	Directions	
4 level tablespoons (0.5 oz) per mound	Distribute the product uniformly around the mound. Do not disturb the mound or apply to tops of mound.	

STORAGE AND DISPOSAL

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

Do not pour or dispose of down the drain or sewer. Call your local solid waste agency for local disposal options.

PESTICIDE STORAGE: Keep this product in its tightly closed original container. Do not store this product near wet conditions. Store in a cool, dry (preferably locked) area that is away from water, other pesticides, fertilizers, food, or feed, in a place that is inaccessible to children and animals.

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

CONTAINER HANDLING:

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

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE: Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If the 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, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. or Seller. All such risks shall be assumed by user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Control Solutions, Inc. 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 Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CONTROL SOLUTIONS, INC.** disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS 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 THE ELECTION OF CONTROL SOLUTIONS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Control Solutions, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Control Solutions, Inc.





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