



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 22, 2024

Shannon Cooley  
Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

Subject: Approval of Label Amendment; Only Indicated Changes Reviewed – Addition of language per CA DPR to Environmental Hazards section.  
Product Name: CSI 16-107E I-N-P Fire Ant Granule  
EPA Registration Number: 53883-417  
Application Date: July 11, 2023  
Case Number: 491772

Dear Shannon Cooley:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. However, EPA reviewed only the label changes highlighted, marked, or otherwise indicated on the submitted label. Any other changes to the previously approved label that were not clearly highlighted, marked, or otherwise indicated in your submission were not reviewed and may form the basis of regulatory and/or enforcement action if later discovered by the Agency. Further, submission of a label amendment application with unidentified changes may be considered a knowing submission of false information to the Agency. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The label submitted with the application has been stamped “Accepted Only Indicated Revisions Reviewed” and is enclosed for your records.

This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 C.F.R. § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 C.F.R. § 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website contains any false or misleading statement, design, or graphic, the product may be misbranded and unlawful to sell or distribute under FIFRA Sections 2(q)(1)(A) and 12(a)(1)(E). 40 C.F.R. § 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on the product label, claims made as part of the product's sale or distribution may not substantially differ from those claims approved through the registration process under FIFRA Section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the product will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact David Gardner at (202) 566-2677 or at [gardner.david@epa.gov](mailto:gardner.david@epa.gov).

Sincerely,



Tamica Cain, Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Registration Division (7505T)

Enclosure

**ACCEPTED**

ONLY INDICATED

REVISIONS REVIEWED

04/22/2024

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

53883-417

No label revisions other than those indicated were reported to the Agency.

*[Text in brackets and italics are notes to the label editor.]*

[Text in brackets alone are optional statements or alternative statements.]

[Text separated by “/” indicates an either/or choice.]

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

# CSI 16-107E I-N-P Fire Ant Granule

**[ABN: Doxem [Plus] Fire Ant [Bait]; Doxem [Plus] FAB; Martin’s Fire Ant [Bait][Killer][Killer Granules]; [Martin’s] Surrender® Fire Ant Bait]**

[Bait Solutions]

[Insecticide]

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%



ADAMA

Consumer & Professional Solutions

### Manufactured for:

Control Solutions, Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507

EPA Reg. No: 53883-417

EPA Est. No: \_\_\_\_\_

Net Contents: \_\_\_\_\_

## KEEP OUT OF REACH OF CHILDREN

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 highly toxic to fish and 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 CSI 16-107E I-N-P Fire Ant Granule 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.
- CSI 16-107E I-N-P Fire Ant Granule 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**

CSI 16-107E I-N-P Fire Ant Granule may be applied to control imported fire ants, bigheaded ants, pavement ants and turfgrass ants in non-crop/non-grazed areas such as residential and commercial lawns and landscape areas, 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 CSI 16-107E I-N-P Fire Ant Granule contains a Group 22A (Indoxacarb), a Group 15 (Novaluron) and Group 7 (Pyriproxyfen) insecticide. Any insect population may contain individuals naturally resistant to CSI 16-107E I-N-P Fire Ant Granule 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 CSI 16-107E I-N-P Fire Ant Granule 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**

CSI 16-107E I-N-P Fire Ant Granule 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 CSI 16-107E I-N-P Fire Ant Granule 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		
<ul style="list-style-type: none"> <li>• Home lawns</li> <li>• Golf courses</li> <li>• Athletic Fields</li> <li>• Recreational turf</li> <li>• Non-grazed/non-crop areas</li> <li>• Parks</li> <li>• Cemeteries</li> <li>• Picnic areas</li> </ul>	<ul style="list-style-type: none"> <li>• Uncultivated non-agricultural areas including:               <ul style="list-style-type: none"> <li>○ Airports</li> <li>○ Roadsides</li> <li>○ Highway right of ways</li> <li>○ Utility right of ways</li> <li>○ Campgrounds</li> <li>○ Industrial sites</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Institutional sites (areas around properties, structures, or facilities providing service to public or private entities) including:               <ul style="list-style-type: none"> <li>○ Hospitals</li> <li>○ Nursing homes</li> <li>○ Schools</li> <li>○ Universities/Colleges</li> <li>○ Museums</li> <li>○ Sports Facilities</li> <li>○ Office Buildings</li> </ul> </li> </ul>
Pests Controlled		
<ul style="list-style-type: none"> <li>• Imported fire ants (<i>Solenopsis</i> spp.)</li> <li>• Bigheaded ants* (<i>Pheidole</i> spp.)</li> <li>• Pavement ants* (<i>Tetramorium</i> spp.)</li> <li>• Turfgrass ants* (<i>Lasius neoniger</i>)</li> </ul>		

\*Not approved for use on this species in California

Broadcast Applications		
Rate (pounds [product][CSI 16-107E I-N-P Fire Ant Granule] /acre)	Rate (ounces [product][CSI 16-107E I-N-P Fire Ant Granule] /1,000ft <sup>2</sup> )	Directions
1.5 lb/Acre  (6 lb/Acre total or 4 applications in a 1 year period)	0.5 oz/1,000 ft <sup>2</sup>	Make application with broadcast equipment capable of applying 1.5 pounds of CSI 16-107E I-N-P Fire Ant Granule 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][CSI 16-107E I-N-P Fire Ant Granule] /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:

***[Plastic Containers, Bags or Fiber Sacks including Flexible Intermediate Bulk Containers (FIBC) or Fiber Drums With Liners]*** 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.

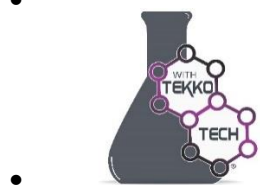
[Quali-Pro® is a registered trademark of Control Solutions, Inc.]

**[Optional Marketing Claims:]**

- Easy-to-use
- Contains two [2] insect growth regulators [IGRs]
- Contains three [3] [active ingredients] [mode of action]
- Ready to use
- Easy to apply
- Easy shaker [bag] [bottle]
- Area wide control [of fire ants] [with a single application] all season long\*
- No mixing required
- No watering [in] [necessary][needed]
- No watering in [after treatment]
- Shaker top applicator
- [Three][3] modes of action
- [Even] Kills ants you don't see all season long\*
- Multiple active ingredients for killing power
- Contains [2] [two] [IGRs] [insect growth regulators]
- Bait ['n'] [and] wait!
- Fire ants have met their match!
- Stomp out [the] fire [ants] all season long\*
- Put out the fire (ants) all season long\*!
- Knock out fire ants [in your yard] all season long\*
- Reclaim your yard [from fire ants]
- Apply when ants are [foraging] [active] [for best results]
- Use the ants against them by worker ants taking bait to the Queen!
- [For best results] apply when ants are [foraging] [active]
- For best results, apply in early morning or early evening, when ants are most active



• **BaitSolutions**



## Efficacy Related Claims

- [Easy and] Effective fire ant control all season long\*
- Easy to use
- Kills [red imported] [stinging] [and] [biting] Fire Ants all season long\*
- Controls [red imported] [biting] [stinging] fire ants all season long\*
- Kills the fire ants you see and the ones you don't all season long\* [when used as a broadcast application]
- For mound [and] [or] broadcast treatment
- 1 lb. treats 32 mounds
- 10 lbs. treats 320 mounds
- [0.5] [1/2] oz per 1,000 ft<sup>2</sup>
- [2.5 oz] [2 ½ oz] [covers] [treats] 5,000 ft<sup>2</sup>
- [1.5 lbs.] [1 ½ lbs.] [covers] [treats][acre] [43,560 ft<sup>2</sup>]
- [16 oz] [1 lb.] [covers] [treats] 32,000 ft<sup>2</sup>
- [This bag] [This package] [2 lbs.] treats 64 [fire ant] mounds
- [This bag] [This package] [1.5 lbs.] (1 ½ lbs.) treats 48 [fire ant] mounds
- [This bag] [This package] [1 lbs.] [16 oz] treats 32 [fire ant] mounds
- This bag [This package] [¾ lbs.] [12 oz] treats 24 [fire ant] mounds
- [This bag] [This package] [½ lbs.] [8 oz] treats 16 [fire ant] mounds
- [This bag] [This package] [One] [1] lb. treats 32,000 ft<sup>2</sup>
- One [1.5 lb.] [container] [bottle] [jug] treats [1 acre] [over 43,000 ft<sup>2</sup>]
- Apply [once] [in the spring] [in the summer] for season long\* control of fire ants
- Apply once for season long\* control [of fire ants]
- One application [for] season long\* control [of fire ants]
- Lasts all season\*
- Long lasting residual [action] [control] for an entire season\*
- Season long\* control [of fire ants]
- Knock fire ants out all season long\*
- Kills fire ants and prevents them for [21 days] [3 weeks] *[Note to reviewer – at least one of the time qualifiers (21 days or 3 weeks) will appear with this claim]*
- Reduces fire ant [foraging] [workers] within 7 days [when applied to your lawn]
- When applied to your lawn, reduces foragers within 7 days
- Season long\* [fire ant] control
- Kills [stinging and biting] [red imported] fire ants [for 90 days] [all season long\*] *[Note to reviewer – at least one of the time qualifiers (for 90 days or all season long) will appear with this claim]*
- Kills the mound[s]
- For broadcast or individual mound treatment [of [red imported] fire ants]
- Lawn control of [red imported] fire ant[s] [workers] within 7 days
- Lawn control of [stinging] [red imported] fire ant[s] [workers] for 90 days
- For mound treatment of [red imported] fire ants
- Controls red imported fire ant mounds all season long\*
- Controls mounds all season long\*
- Stops [and prevents] fire ants [in your yard] for [21 days] [3 weeks] *[Note to reviewer – at least one of the time qualifiers (21 days or 3 weeks) will appear with this claim]*
- Effective [fire ant] bait
- Worker ants [forage] [deliver] bait [to the] [queen] [nestmates] [rest of the colony]

[young]

- [stops] [prevents] [and] [kills] fire ants [in your yard] for [21 days] [3 weeks] *[Note to reviewer – at least one of the time qualifiers (21 days or 3 weeks) will appear with this claim]*
- [Apply once for] Season long\* control [of fire ants]
- Controls [red imported] fire ant mounds for an entire season\*
- Controls red imported fire ants for an entire season\*
- For mound treatment of [red imported] fire ants
- Kills [stinging and biting] fire ants [and prevents them for [21 days] [3 weeks]] *[Note to reviewer – at least one of the time qualifiers (21 days or 3 weeks) will appear with this claim]*
- Long lasting control [of] [against] [fire] [ants] all season long\*
- 90 day [fire] [ant] protection
- 3 month [fire] [ant] protection
- [Keeps] [Prevents] new mounds from forming for [21 days] [3 weeks] *[Note to reviewer – at least one of the time qualifiers (21 days or 3 weeks) will appear with this claim]*
- Prevents [re-colonization] [reinfestation] of fire ants [after treatment] for [21 days] [3 weeks] *[Note to reviewer – at least one of the time qualifiers (21 days or 3 weeks) will appear with this claim]*
- Limits [Stops] new mound formation for [21 days] [3 weeks] *[Note to reviewer – at least one of the time qualifiers (21 days or 3 weeks) will appear with this claim]*
- Stops new [fire ant] mounds [in your yard] for [21 days] [3 weeks] *[Note to reviewer – at least one of the time qualifiers (21 days or 3 weeks) will appear with this claim]*
- Prevents re-colonization of [fire] ants [after treatment] for [21 days] [3 weeks] *[Note to reviewer – at least one of the time qualifiers (21 days or 3 weeks) will appear with this claim]*

#### Colony level claims

- Colony killer
- Kills the colony
- Kills the queen [and the mound]
- Kills the queen [and colony] [of the colony]
- Kills the queen and the workers
- Kills the queen and [mound] [colony] [and] [workers] for [21 days] [3 weeks] *[Note to reviewer – at least one of the time qualifiers (21 days or 3 weeks) will appear with this claim]*
- Kills the reproductive center of the [colony] [mound]
- Kills the queen [and the mound]
- Kills the queen [so] [and] no new eggs are produced
- Fire ant bait kills the queen
- Breaks the colony life cycle by killing the queen
- Queen killer
- The queen is dead
- Use the [foraging] [fire] ants to kill their queen
- Crash the colony

\* [90 days] [3 months]

[Note to reviewer – an \* clarifying that a season equals 90 days or 3 months will always appear wherever an asterisked \* claim appears]

Optional Images:

