



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

53883-521

Date of Issuance:

5/16/24

NOTICE OF PESTICIDE:

☒ Registration

☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

CSI 22-422 Bifen plus Fipronil G

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Continues page 2

Signature of Approving Official:

Scott Campbell, Acting Product Manager 3
IVB1, Registration Division (7505T)

Date:

5/16/24

2. You are required to comply with the data requirements described in the generic data call-in (GDCI) identified below:
 - a. Bifenthrin GDCI-128825-902
 - b. Bifenthrin GDCI-097805-1100
 - c. Bifenthrin GDCI-128825-1159

You must comply with all of the data requirements within the established deadlines. If you have questions about the GDCI listed above, you may contact the Chemical Review Manager in the Pesticide Re-Evaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 53883-521."
4. Submit one copy of the final printed label for the record before you release the product for shipment.

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 is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. 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 website will be referred to the EPA's Office of Enforcement and Compliance. If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 11/01/2022

If you have any questions, you may contact Hester Dingle at 202-566-2596 or via email at dingle.hester@epa.gov.

Enclosure

FIPRONIL	GROUP	2B	INSECTICIDE
BIFENTHRIN	GROUP	3A	INSECTICIDE

RESTRICTED USE PESTICIDE

DUE TO TOXICITY TO AQUATIC INVERTEBRATES

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

CSI 22-422 Bifen +Fipronil G

[ABN: Quali-Pro Taurus Duo G, Taurus Duo, Taurus Duo G, QP Taurus Duo, QP Taurus Duo G]

Optional Generic Descriptor: [Insecticide Granules] [Granular Insecticide][for Lawns, Turfgrass and Landscape Areas]

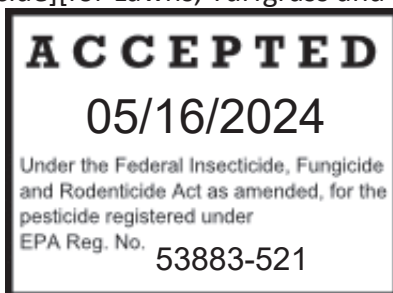
For Turfgrass and Landscape Areas

Commercial Use Only

For Application by Certified Licensed Applicators

[Contains the active ingredients Fipronil and Bifenthrin]

[One application controls Fire Ants, *Solenopsis* spp. all season long.]



For outdoor use only

ACTIVE INGREDIENTS:

Fipronil: 0.0143%

Bifenthrin.....0.2300%

OTHER INGREDIENTS:.....99.7557%

TOTAL 100.0000%

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien pare que se la explique a usted en detalle. (If you don't understand this label, find someone to explain it to you).

See side/back panel for additional precautionary statements.

EPA Reg. No. 53883-LER

EPA Est. No. _____

{Lot number to be printed on package}

NET CONTENTS: _____

Manufactured By:

Control Solutions, Inc.

5903 Genoa-Red Bluff

Pasadena, TX 77507

FIRST AID	
If on Skin or Clothing:	<ul style="list-style-type: none"> • 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.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a 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:	<ul style="list-style-type: none"> • Hold eyes 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 eyes. • 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 SafetyCall® (866) 897-8050 for emergency medical treatment information.	
NOTE TO PHYSICIAN: There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Symptoms of Poisoning: In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possible convulsions may occur.	

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes, or clothing. Harmful if absorbed through skin. Causes eye irritation. Avoid breathing dust.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, mixers, loaders, and persons cleaning application equipment must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural practices (40 CFR 170.240 (d) (4-6), the handler PPE requirements may be reduced or modified as specified in the WPS. Important: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for applicators and other handlers and have such PPE available for use in an emergency, such as a spill or equipment breakdown.

PHYSICAL AND CHEMICAL HAZARDS

Do not mix or allow product to come into contact with oxidizing agents. Hazardous chemical reaction may occur.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Remove PPE 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

This pesticide is toxic to birds, fish, aquatic and estuarine (tidewater dwelling) 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. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Cover, incorporate or clean up granules that are spilled. 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 onto the treatment area of the lawn will help to prevent runoff to water bodies or drainage systems. Do not contaminate water when disposing of equipment wash water or rinsate. Do not apply within 15 feet of bodies of fresh water, lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, and commercial fish ponds. A 15 foot buffer of uniform groundcover must exist between application zone and bodies of freshwater (uniform ground cover is defined as land which supports vegetation of greater than 2 inches throughout).

Do not apply within 60 feet of estuarine bodies of water. Estuarine water bodies are brackish, tidal water such as bays, mouths of rivers, salt marshes, and lagoons.

In order to reduce risk to birds, ensure that the application is spread evenly over the treatment area.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

In Florida: Do not use this product within 500 feet of areas occupied by the threatened Florida scrub jay, bluetail mole skink, or sand skink. In addition, for the protection of the threatened bluetail mole skink and sand skink, apply only to turfgrass and allow at least a 30-foot untreated buffer of turfgrass when adjacent to scrub habitat (i.e., xeric upland) in the following counties: Highlands, Lake, Marion, Orange, Osceola, Polk, and Putnam. For guidance consult the Florida Department of Agriculture and Consumer Services.

For application to urban turf and landscape areas in Florida, follow the Best Management practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries, available on the internet at http://www.flaes.org/pdf/BMP_Book_final.pdf.

DIRECTIONS FOR USE

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

RESTRICTED USE PESTICIDE

Read entire label before using this product.

USE RESTRICTIONS:

- Wear protective clothing and use appropriate equipment during application and handling. Avoid contact with granules. Avoid breathing dust. Apply this pesticide when the potential for drift to nearby bodies of water is minimal (wind speed is 10 mph or less and the wind is blowing away from the body of water).
- **DO NOT** apply to pastures or grazing lands.
- **DO NOT** apply in a combination with other products (pesticides, fertilizers, etc.) since comprehensive compatibility studies have not been performed on all products.
- Keep people and pets off treated area until product has been watered in and area is dry.
- **DO NOT** apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- **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 except as a spot or crack-and-crevice treatment.
- **DO NOT** apply or irrigate to the point of runoff.
- **DO NOT** apply when the wind speed is greater than 15 mph.
- **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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.
- Keep children and pets off treated area until product has been watered in and lawn is dry.
- **DO NOT** make application during rain or when rain is predicted in the next 24 hours. Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- **DO NOT** water to the point of run off.
- **DO NOT** apply more than 87 pounds of product (0.0125 pounds fipronil and 0.4 pounds bifenthrin) per acre per year.

USDA APHIS FIRE ANT QUARANTINE

This product can only be used in the USDA APHIS Fire Ant Quarantine area in the following states including Puerto Rico

Alabama	Louisiana	South Carolina
Arkansas	Mississippi	Tennessee
California (Coachella Valley Only)*	New Mexico	Texas
Florida	North Carolina	Virginia
Georgia	Oklahoma	

* Applications can only be made from April through September.

RESISTANCE MANAGEMENT

For resistance management, **CSI 22-422 Bifen + Fipronil G** Insecticide contains a Group 3A insecticide and one group 2B insecticide. Any insect population may contain individuals naturally resistant to **CSI 22-422 Bifen + Fipronil G** Insecticide and other Group 3A and/or Group 2B insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, 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 extension specialist or certified crop advisor 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 your local sales representative.

AGRICULTURAL USE REQUIREMENTS

Use this product in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notifications to workers and restricted-entry intervals. The requirements in this box only apply to sod farm uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- coveralls
- waterproof gloves
- shoes plus socks
- safety goggles

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Always wear protective clothing and use appropriate equipment during application and handling. Avoid breathing dust.

PRODUCT INFORMATION

CSI 22-422 Bifen + Fipronil G controls fire ants on **Turfgrass, Lawns in Landscape Areas**. The primary purpose of this product is to provide control of imported fire ants. In addition, the following pests will be controlled for a limited time: nuisance ants (*Lasius neoniger*) controlled for 3 months, mole crickets controlled for 2-4 months, fleas and ticks are controlled for one month.

TURFGRASS and LAWNS IN LANDSCAPE AREA APPLICATIONS

Turfgrass and lawns in Landscape areas: golf courses, residential and commercial and industrial areas; recreational areas: parks, campsites; around schools and sports fields; and on sod farms; and landscape beds.

Treat when insects first appear or when pest damage is noticed. Apply **CSI 22-422 Bifen + Fipronil G** with broadcast spreader equipment. Before each use, calibrate and adjust the equipment to ensure accurate application rates. Ensure thorough and even coverage of the granules.

Apply **22-422 Bifen + Fipronil** when grass is dry and water in lightly, immediately following application.

Target Pest	Oz. Product Per 100 ft ²	Lbs. Product Per 1,000 ft ²	Lbs. Product Per Acre	Lbs. A.I. Per Acre
Fire Ants, (mounds) ¹ Fire Ants, (adult) ¹	3.2	2	87	0.0125 (fipronil) 0.4 (bifenthrin)
¹ Imported Fire ants: Use broadcast treatments in combination with mound drenches for best control. Approximate length of control is 1 year. It is critical to water before treatment if the soil is dry. For applications at rates above 0.34 lb ai/A (170 lbs product/A), users must water the treated area immediately after application.				

Fire ant mound treatment (SPOT TREATMENT): Treat using 1 cup of **CSI 22-422 Bifen + Fipronil G** per foot (square) of mound and then drench the mound with 1 to 2 gallons of water using enough force to allow the insecticide to flow into the ant tunnels. Apply in cool weather (65 to 80° F) or in early morning or late evening hours to achieve the best results. Treat new mounds as they appear. After use with insecticide, utensils such as teaspoons and measuring cups must not be used for food purposes.

Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.)

Quarantine Restrictions:

- Before using this product refer to the USDA APHIS Fire Ant Quarantine web site: http://www.aphis.usda.gov/plant_health/plant_pest_info/fireants/downloads/fireant.pdf or search the APHIS web site by zip code to determine if the area to be treated is located within the APHIS Fire Ant Quarantine area: http://www.aphis.usda.gov/plant_health/plant_pest_info/fireants?fireantquery.php. If the zip code for the area to be treated does not appear in the APHIS Fire Ant Quarantine zone, you must notify and consult with the county's extension agent to determine if the area to be treated is within the quarantine.
- Consult your State or Federal plant protection inspector or your county agent for assistance regarding exact areas under regulation and requirements for moving regulated articles.
- For all areas except sod farms within the USDA APHIS Quarantine area, do not apply more than 1 application per year of 87 lbs. of product per acre.
- For sod farms within the USDA APHIS Quarantine area, 2 applications of 87 lbs. of product per acre per application may be made.

STORAGE AND DISPOSAL

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

DO NOT pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options.

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly.

In case of spill: Avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: Cover to prevent dispersal. Place damaged package in a holding container and identify contents.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance.

Container Handling: Non-refillable container. Do not reuse or refill this container. Empty container through use according to label instructions. Completely empty bag into application equipment. Offer for recycling, if available. If recycling is not available; then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, 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. To the extent consistent with applicable law, Control Solutions, Inc. shall not be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. To the extent consistent with applicable law, Control Solutions, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Control Solutions, Inc. election, the replacement of

this product.

Optional Marketing Claims and Graphics:

- 2 active ingredients
- 2 modes of action
- For control of fire ants [in turf]
- Multiple active ingredient insecticide granules
- Combination Chemistry™ [from Control Solutions]

