

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

September 28, 2022

Haley Wade Lead Regulatory Manager Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041

Subject: Label Amendment – Add marketing and ID statements to the label.

Product Name: Bifenthrin .115G EPA Registration Number: 53883-194 Application Dates: 12/01/2021, 2/18/2021 Decision Numbers: 580692, 571126

Dear Ms. Wade:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. 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 Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Bifenthrin Interim Decision, and has concluded that your submission is acceptable.

A stamped copy of your labeling 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 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 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 CFR 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 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

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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.

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 Jamey Shuler by phone at (202) 566-2898, or via email at Shuler.Jamey@epa.gov.

Sincerely,

Jacquelyn Herrick, Product Manager 03 Invertebrate & Vertebrate Branch 1 Registration Division (7505T) Office of Pesticide Programs

Enclosure



Bifenthrin .115 G

[Alt Brand Name: Surrender® G]

[Optional Generic Descriptor: Insect Killer Granules]

[FOR OUTDOOR RESIDENTIAL LAWN, HOME PERIMETER, ORNAMENTAL & FLOWER GARDENS, AND HOME VEGETABLE GARDEN USE ONLY] \it{OR} [For outdoor

use around residential sites only]

{Note to Reviewer: One of the two statements listed above will appear on the label.}

For outdoor use only.		ACCEPTED
Active Ingredient	0.1170/	09/28/2022 Under the Federal Insecticide, Fungicide
*BifenthrinOther Ingredients		and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 53883-194
*Cis isomers 97% minimum, trans isomers 3% maximum. Contains 0.00115 lbs of Bifenthrin per pound.		00000 101
Manufactured for:	EPA Reg. No: 53	883-194



Control Solutions, Inc. 5903 Genoa Red Bluff Road Pasadena, TX 77507 {Lot code will be printed on the bag} EPA Reg. No: 53883-194
EPA Est. No:
Net Contents:

KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements on back of bag. [See [back panel] [booklet] for additional precautionary statements]

FIRST AID		
If on skin or clothing	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 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 eye.	
	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. [The SafetyCall information may be replaced with other similar services		

on the market label.

Note to Physician:

This product is a pyrethroid. If large amounts have been ingested, milk, cream or other digestible fats and oils may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals CAUTION

Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. 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.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic 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. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

DIRECTIONS FOR USE

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

Apply this product directly to the lawn or garden area. Water treated area as directed on this label.

USE RESTRICTIONS:

- Do not make applications during the rain.
- Do not apply when the wind speed is greater than 15 mph.
- 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 allow children or pets to enter the area until dry.
- 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.
- Treat surfaces to ensure thorough coverage but avoid runoff.
- To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

Ground Application

• Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

Resistance Management

For resistance management, this product contains a Group 3A insecticide/acaricides. Any insect population may contain individuals naturally resistant to this product and other Group 3A insecticides/acaricides. The resistant individuals may dominate the insect population if this group of insecticides/acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of this product or other Group 3A insecticides/acaricides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides/acaricides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - o Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - o Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if
 the two components have similar periods of residual insecticidal activity.
 Mixtures of insecticides with unequal periods of residual insecticide activity may
 offer an insect resistance management benefit only for the period where both
 insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides 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 advisors 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.

General Instructions

Bifenthrin .115 G is for use on lawns, around home foundations (perimeter treatment), ornamental and flower gardens, and vegetable gardens for the control of the insect pests listed in the table below.

Lawns

Apply **Bifenthrin** .115 **G** when insect activity or damage is first observed (lawn thins, brown spots appear, or moths fly up from the grass when mowed).

Spread **Bifenthrin** .115 **G** uniformly over lawn at the labeled rates using the suggested spreader settings. For best results, use a mechanical spreader.

Water-in product after application.

Do not use any other weed, disease, or insect control products for at least one week after application.

For best results and to prevent further damage, treat the entire lawn, not just the browned areas.

Repeat application if there are signs of renewed insect activity but not more than once every 7 days.

NOTE: Food utensils such as tablespoons/teaspoons must not be used for food purposes after use in measuring pesticides.

[Note to reviewer: Below optional Shaker Bag Directions for Use with applicable packaging.] [Use the convenient shaker bag to apply product at the application rate in the following charts. For infested areas: Using this convenient shaker bag broadcast product at 2 lb. per 1,000 sq.ft. (for heavy infestations) or 1lb. per 1,000 sq.ft. (for light infestations).]

Pest	Application Rate
Armyworms (including Lawn Armyworm,	Uniformly apply 1 to 2 pounds over a 1,000 sq. ft.
Fall Armyworm)	area of lawn using a [a spreader][this convenient
Billbugs (including Bluegrass Billbug,	shaker bag].
Hunting Billbug)	
Black Turfgrass Ataenius (adults),	For best results, thoroughly water the treated area
Bristletail	after application.
Chiggers	
Chinch Bugs	
Cockroaches	
Crickets (including House Cricket,	
Common Short-tailed Cricket, Arizona	
Cricket, Tropical Cricket, Variable Field	
Cricket, Fall Field Cricket, Southeastern	
Field Cricket, Texas Field Cricket,	

Spring Field Cricket, Northern Wood Cricket, Western Striped Cricket, Eastern Striped Cricket, Sand Field Cricket, Vocal Field Cricket, Southern Wood Cricket) Cutworms (including Black Cutworm, Bronzed Cutworm, Granulate Cutworm, Variegated Cutworm) Dichondra Flea Beetle **Earwigs** European Crane Fly Fiery Skipper Fire Brat Fruit Fly Grasshoppers Greenbug Ladybeetles (including Convergent Ladybeetle, Seven-spotted Ladybeetle, Two-spotted Ladybeetle, Thirteenspotted Ladybeetle, Twice-stabbed Ladybeetle, Asian Ladybeetle, Mealybug Ladybird) Leaf Hoppers Lucerne Moth Mealybugs Pillbugs Seed Maggots Silverfish **Spiders** Springtails Southwestern Corn Borer Sowbugs Striped Grassworm Two-lined Spittle Bugs Webworms (including Sod Webworm, Grass Webworm, Tropical Sod Webworm) Wireworms Ants (including Carpenter, Red Harvester, Uniformly apply 1 to 2 lbs. per 500 sq. ft. [or 2 to Red Pavement, Odorous, Pyramid, Black 4 lbs. per 1,000 sq. ft of lawn [using this Turf, White-footed, Crazy, Little Black, convenient shaker bag]. For best results, Small Honey, Lawn, Cornfield, Ghost, thoroughly water the treated area after the Thief, Acrobat, Big-Headed, and application. Allegheny mound) Annual Bluegrass Weevil (*Hyperodes*) For best results in treating mole crickets, treat in Chiggers late spring.

Crane Flies (larvae)	
Fleas (larvae and adults)	
Ground Beetle	
Ground Pearl	
Mites	
Mole Crickets (including Tawny Mole	
Cricket, Southern Mole Cricket, Short-	
Winged Mole Cricket)	
Weevils (including Annual Bluegrass)	
Ants (including Argentine, Pharaoh	Uniformly apply 1 lb. per 250 sq ft. area of lawn
(sugar), Imported Fire Ants, and	or (4 lbs. per 1,000 sq. ft). For best results,
Foraging Fire Ants)	thoroughly water the treated area after
Centipedes	application.
Millipedes	
Scorpions	For Fire Ant Mounds: Uniformly apply 1
Ticks (including Brown Dog Tick) [and	tablespoon or 3 teaspoons of granules to the
ticks that may transmit Lyme Disease]	surface of each mound. For best results apply in
	cool weather, 65 to 80 F, in early morning or late
	evening hours. Avoid disturbing ants. Treat new
	mounds as they appear. Thoroughly water the
	treated area after application.
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- In New York State, this product may NOT be applied within 100 feet (using ground equipment) to 300 feet (using aerial equipment) of coastal marshes or streams that drain into coastal marshes.
- In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

Ornamentals & Flowers

Bifenthrin .115 G can be applied just before planting or after plants emerge.

Apply 0.5* to 1 lb. evenly over each 500 sq. ft. area. Repeat if there are signs of renewed insect activity, but not more than every two weeks.

Home Foundation/Barrier Treatment

Evenly apply a 2-foot-wide band of granules next to the house/home foundation. Use 0.5* to 2.0 lbs. for each 500 sq. ft. (2 ft. x 250 ft.). If necessary, repeat applications every 2 weeks only if there are signs of renewed insect activity.

*0.5 lb/500 sq. ft. is equivalent to 1 lb/1000 sq. ft.

Residential Vegetable Gardens

Bifenthrin .115 **G** can be applied to the vegetables listed below.

Apply a single application before planting or after plants emerge and work into the top 4 to 6 inches of soil. Use 1.0 lb of product for a 500 sq. ft. area.

	Days to	Pests
Crop	Wait After	
_	Application	
	till Harvest	
Tomatoes	1	Ants, cutworms, crickets, earwigs,
		grasshoppers, grubs, seed maggots, weevils
		and wireworms
Sweet Corn	1	Ants, armyworms, cutworms, crickets,
		earwigs, European corn borer, fall armyworm,
		grasshoppers, southwestern corn borer and
		weevils
Green Peas, Edible Pods (Sugar	3	Ants, cutworms, crickets, earwigs,
Snap Peas, Snow Peas), Green		grasshoppers, grubs, seed maggots, weevils
Beans (Wax Beans, Snap Beans),		and wireworms
Dry Beans (Black Eyed Peas,		
Cow Pea)		
Cucurbit Vegetables		
Chayote, Citron melon,		
Cucumber, Edible Gourd		
Muskmelon (Cantaloupe, casaba,		
Crenshaw melon, Golden melon,		Ants, cutworms, crickets, earwigs,
Honeydew Melon, Pineapple	3	grasshoppers, grubs, seed maggots, weevils
melon, Santa Claus melon, Snake		and wireworms
melon)		
Pumpkin, Summer squash		
(Crookneck, Scallop,		
Straightneck, Zucchini)		
Winter squash (Butternut,		
Calabaza, Hubbard including		
Acorn and Spaghetti)		
Watermelon	5	A mta antiviama anistrata asserias
Artichoke	3	Ants, cutworms, crickets, earwigs,
		grasshoppers, grubs, seed maggots, weevils
Broccoli, Brussels Sprouts,	7	and wireworms
Chinese Broccoli, Cabbage,	/	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils
Cauliflower, Cavalo Broccoli,		and wireworms
Chinese Cabbage, Kohlrabi,		and wheworms
Chinese Cabbage, Konnabi, Chinese Mustard, Eggplant, Head		
Lettuce, Peppers (Bell and Non-		
Bell)		
Dell	L	

Spreading InstructionsFollow Application Directions in the table below. Calibrate the spreader settings based on the manufacturer's recommendations.

Spreader Settings

Spreader	Spreader Settings covers 5,000 sq. ft. Pounds of product per	Application Directions
1	1,000 sq. ft. 1 lb. 2 lb. 4lb.	- 1 1
Scott Drop	(Spreader settings	Mow lawn first if grass is tall enough to touch
Spreader	provided at printing)	the bottom of the spreader. First apply two
EZ Drop,		header strips. Operate spreader the longest way
Republic (#530)		of the lawn. Overlap wheel marks to ensure
		uniform feeding. Shut off spreader when you
		have reached the header strips or stopped.
Scotts Easy	(Spreader settings	Application automatically starts and stops when
Green® Rotary	provided at printing)	you do. For complete coverage make each pass
EZ Broadcast,		about 30 inches from the previous one, or some
Republic (#540)		overlapping occurs.
Scotts	(Spreader settings	Shut off spreader anytime you stop. For
SpeedyGreen®	provided at printing)	complete coverage make each pass about five
EdgeGuard®		feet from the previous one, so some overlapping
Rotary		occurs.

[Additional spreader brands may be added at printing or replace those currently listed. New application directions will not be added.]

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry, secure place. Do not store near seeds, fertilizers, or foodstuffs.

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Do not pour or dispose down-the-drain or sewer. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for local disposal options. Never place unused product down any indoor or outdoor drain.

Notice: To the extent consistent with applicable law, Buyer assumes all responsibility for safety and use not in accordance with directions.

Optional Marketing Claims:

Formulation related claims:

- Easy-to-Use
- Easy to Spread
- Ready to Use
- Virtually odor free
- Treats up to 5,000 Square Feet
- [A 3 lb shaker bag] Treats up to 3,000 sq.ft.

- [A 10 lb. bag] Treats up to 10,000 sq. ft.
- [A 20 lb. bag] Treats up to 20,000 sq. ft.
- A 1 lb. bag treats up to 1000 sq. ft.
- Use on lawns, ornamental and flower gardens, and listed vegetables
- Use around the outside of homes, foundations, porches and patios
- For use on lawn, ornamentals, home perimeter and flower gardens
- Treats 136 fire ant mounds or up to 3,500 sq. ft. [3.5 lb]
- Treats 39 fire ant mounds [1 lb size]
- Use on lawn and around home foundation as a barrier treatment
- Soil-penetrating formula reaches deep below ground
- Deep-reaching formula that kills listed lawn-destroying insects
- Deep Reaching Formula
- Outdoor use only (icon)
- Made in the USA

Efficacy related claims:

{Note: Asterisk (*) symbol may differ on market label}

- Works Fast/Fast Acting within 24 hours
- Kills in 24 hours
- Kills overnight
- Kills grubs!
- Protects lawns against listed* damaging insects
- Kills Listed* Insects, Fleas & Ticks
- Kills Ants, Fleas, Ticks and other listed* pests/insects/bugs.
- Kills fleas and ticks
- Kills [insert listed pest] by contact!
- Kills ticks that may transmit Lyme Disease
- Kills and controls listed* pests in lawns and around homes
- Kills/controls listed* surface and sub-surface pests/insects/bugs [in lawns & landscapes]
- Controls/kills listed* lawn-destroying/lawn-invading pests/insects/bugs.
- Controls [chinch bug], [sod webworms] [lawn moth], [cutworms] [billbugs], [European crane fly] [mole cricket], [fleas], [ticks (including ticks that may transmit Lyme's Disease)], and other lawn pests listed* [by contact]
- Kills Chinch Bugs, Mole Crickets, Grubs and Cutworms, plus other listed* insects
- Kills listed* insects by contact after watering in
- Effective home barrier treatment
- Kills listed* bugs outdoors-before they come inside
- Guaranteed to Work or Your Money Back
- Kills listed* surface and sub-surface pests/insects/bugs that ruin your lawn
- Kills listed* sub-surface insects [so they can't damage your lawn]
- Kills listed* surface insects [so you can enjoy your yard]
- Keeps Listed* [Lawn] Insects Away for Up to 3 Months [12 weeks]
- Works for up to 3 months
- Kills listed* tough lawn insects [and keeps them away for up to] [3 months] [12 weeks]

- Kills Ants Outside so They Can't Come Inside
- Kills Listed* Surface & Sub-Surface Insects
- Kills up to 100 listed insects [including ants, fleas, spiders, ticks, chinch bugs, mole crickets, grubs and cutworms]
- Not harmful to grasses* *when used as directed
- For use on lawns, ornamentals, home perimeter and flower gardens.
- Creates a pest/insect/bug barrier around your home
- Provides a barrier of protection around your home
- Kills [a wide range of] nuisance and lawn-damaging insects [so you can enjoy your yard] [so you can reclaim your yard]
- Kills Grubs & Mole Crickets
- Ant & Spider Killer
- Kills Ants & Spiders
- Area Treatment
- Perimeter Treatment
- PEEL HERE for Use, Storage and Disposal Directions
- [Easy-to-Use] Shaker Bag! [optional illustration]
- [Easy-to-Use] Shaker [Canister/Bottle]!
- [Bonus/value] size! (for use with larger sizes)
- [XX%] [XX lbs] More Free (for use with bonus sizes)
- [XX% better value only for club shoppers] (for use in club channel)
- Exclusive value size [for club shoppers] (for use in club channel)
- Special Club Value!
- [3[10][20]lbs] Treats the average yard* up to [3[2][4]] times *Average yard size is 1,000[5,000] sq ft. {Math is completed using 1 lb. per 1,000 ft² lawn application rate Please note mathematical equivalents for possible different bag net weights}
- Kills [Insert listed pest]
- Guaranteed to work* *or your money back
- [Kills][Controls] surface and sub-surface [pests][insects][bugs] [in lawns & landscapes], as listed* *Please refer to the insect lists found in the Directions for Use
- Kills insects outdoors, before they come indoors, as listed* *Please refer to the insect lists found in the Directions for Use

{Note to EPA: For claims with the word "listed"} *Please refer to the insect lists found in the Directions for Use

How to Treat Your Lawn [in 3 [Easy] Steps]

[Step 1][Observe]

Observe insect activity or damage (ie. lawn thins, brown spots appear, or moths fly up from the grass when mowed).

[Step 2][Spread]

Spread uniformly over lawn [at the rates listed] using the suggested spreader settings

[Step 3][Water]

Water-in product after application [to release active ingredient into the grass and soil].

Optional Graphics:

{Note to EPA: Marketing label may include graphic images of listed insect pests/sites consistent with currently approved label use.}











Optional Graphic Section Headers

