



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION**

August 1, 2022

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

**Subject:** Label Amendment – Revised label adding optional marketing claims and incorporating Novaluron Interim Registration Review Decision changes  
Product Name: Novaluron 0.2G  
EPA Registration Number: 53883-306  
Application Dates: January 6, 2022 and April 27, 2022  
Decision Numbers: 581107; 586385

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 the information submitted with your application to support the Registration Review of the above referenced product in connection with the Novaluron Interim Registration Review 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

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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.

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.

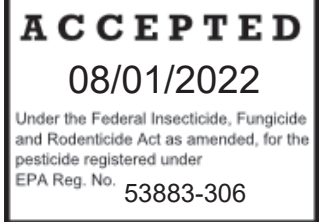
If you have any questions, please contact Jamie Harrington at (202) 566-2726 or by email at [harrington.jamie@epa.gov](mailto:harrington.jamie@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', enclosed within a hand-drawn oval.

Kable Bo Davis  
Senior Regulatory Specialist  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure



NOVALURON	GROUP	15	INSECTICIDE
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# NOVALURON® 0.2G

[For Control of [House] [Dump] [Soldier] [and] Stable Fly Larvae in Cattle Operations]  
 [For Control of [House] [Dump] [Solider] [and] Stable Fly Larvae in [Swine Facilities] [Hog Farms] and [Horse Barns and Stables]]  
 [For Control of [House] [and] Stable Fly and Litter Beetle Larvae in Poultry Operations]

For both indoor and outdoor use.

**ACTIVE INGREDIENT:**

\***Novaluron:** 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea..... 0.2%

**OTHER INGREDIENTS:**.....99.8%

**TOTAL:**.....100.0%

\*Contains 0.05 lb active ingredient per 25 lb bag

EPA Reg. No. 53883-306  
 NET CONTENTS:     LB(S)

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

**Manufactured for:**  
 Control Solutions, Inc.  
 5903 Genoa Red Bluff  
 Pasadena, TX 77507

**KEEP OUT OF REACH OF CHILDREN  
 CAUTION**

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® at (866) 897-8050 for emergency medical treatment information.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to freshwater and estuarine/marine invertebrates. Runoff can be hazardous to aquatic organisms in water adjacent to treated areas. This product is intended for use only in sites listed on this label. Do not apply to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Failure to follow Directions for Use and Precautions on this label may result in injury, poor fly control, and/or illegal residues.

- 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 de/ etiquetado para el desecho apropiado de/ producto.*



Water Protection Statements:

- Do not spray the product into fish pools, ponds, streams, or lakes unless for labelled water treatment.
- Do not apply directly to sewers or st01m drains, or to any area like a drain or gutter where drainage to sewers,

storm drains, water bodies, or aquatic habitat can occur, unless for labelled sewer or drain or water treatment.

- Do not allow the product to enter any drain during or after application unless for labelled drain treatment.
- 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.

#### Rain Related Statements:

- Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours).
- Rainfall within 24 hours after application may cause unintended runoff of pesticide application.

#### **Resistance Management**

For resistance management, this product contains a Group 15 insecticide. Any insect population may contain individuals naturally resistant to this product and other Group 15 insecticides. The resistant individuals may dominate the insect/mite 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 15 insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides 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.
  - 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).
  - 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.

### **PRODUCT INFORMATION**

NOVALURON 0.2G is a granular larvicide with specific properties developed for the control of litter beetle larvae in poultry litter; and house fly and stable fly larvae in cattle and poultry operations and horse barns and stables where

horses are not intended for slaughter or food. It acts as a growth regulator and affects the formation of litter beetle and [house,] [dump,] [soldier] [& stable] fly larvae.

NOVALURON 0.2G can be used alternatively with [fly] [beetle] adulticides and is an important component of any integrated [fly] [beetle] control program. Additionally, include appropriate sanitary and management practices to reduce the number and size of insect breeding sites. NOVALURON 0.2G can be used alternatively with fly adulticides and is an important component of any integrated fly control program. To achieve a faster reduction of the adult [fly] [beetle] populations, use concurrently with an EPA registered adulticide.

As NOVALURON 0.2G affects only developing immature stages by disrupting the molting process, fully developed adult stages of pest and beneficial species are not affected. The elimination of adult listed insects occurs gradually and becomes visible [one to two] [several] weeks after application. For best results, read and follow all directions thoroughly.

## **READ ALL DIRECTIONS COMPLETELY BEFORE USE**

**Application Sites:** Apply NOVALURON 0.2G only to fly breeding sites. Do not apply to fly resting sites (walls, ceilings, etc.), as it has no effect on adult flies. Do not contaminate feed troughs and water troughs.

**Application Method:** Dry Scattering - While wearing gloves, scatter NOVALURON 0.2G directly and evenly on the insect breeding sites.

**Application Schedules:** The treatment interval depends on management and housing systems as well as on climatic conditions. It can vary from 7 days up to several months. More specific recommendations are given in the application schedules below.

### **Cattle Operations**

Apply NOVALURON 0.2G directly to fly breeding sites [in and] around dairies, round hay bay feeding sites, cattle feedlots, calf hutches, and all other premise areas where flies can breed. Apply two pounds per 200 square feet.

Apply NOVALURON 0.2G approximately 3 days after manure removal, and repeat treatment after each removal or when fly larvae are found.

To maintain control of house flies, reapply every four weeks while conditions favor fly development.

Apply no more than 3700 lbs. of NOVALURON 0.2G (7.4 lbs. of novaluron) per acre per year.

### **Poultry Operations**

Apply NOVALURON 0.2G by treating the entire [manure] [insect breeding] area approximately 1 week after manure removal. Repeat treatment after each removal or when beetle and fly larvae are found. Apply four pounds per 200 square feet.

To maintain control of [house] [dump] flies, reapply every two weeks while conditions favor fly development. Length of time for treatment depends upon management and housing systems as well as on climatic conditions.

Apply no more than 7,400 lbs. of Novaluron 0.2G (14.8 lbs. of novaluron) per manure site per year.

### **[Hog Farms,] [Swine Facilities] and Horse Barns (for horses not intended for slaughter or food)**

Stalls, manure pile: Treat all areas where manure, spilled feed, and/or moisture accumulate. Scatter NOVALURON 0.2G underneath bedding on stall floors after cleaning. Repeat treatment after each removal or when larvae are found. Apply two pounds per 200 square feet.

To maintain control of house flies, reapply every two weeks while conditions favor fly development.

Apply no more than 3,700 lbs. of NOVALURON 0.2G (7.4 lbs. of novaluron) per acre per year.

**RESTRICTIONS:**

1. Do not apply NOVALURON 0.2G directly to livestock or livestock feed as illegal residues may result.
2. Do not feed manure treated with NOVALURON 0.2G to animals.
3. Do not contaminated feed troughs and water troughs.

**STORAGE and DISPOSAL**

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

**PESTICIDE STORAGE:** Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals, and away from other pesticides, fertilizers, food, or feed. Do not store this product under wet conditions. Avoid sunlight and temperature exceeding 95° F (35° C). \*Do not store near or use with oxidizing agents.

**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:** Do not reuse or refill this container. Completely empty contents before disposal of container. Puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**CONTAINER HANDLING:**

**Nonrefillable Container (flexible-bag-all weights):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

**Nonrefillable Container (rigid-fifty lbs or less):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Do not pour or dispose of down the drain or sewer. Call your local solid waste agency for local disposal options. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If recycling is not available, puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**LIMITATION OF WARRANTY AND LIABILITY**

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If 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 risk associated with the 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, all such risks shall be assumed by the 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 Control Solutions, Inc. election, the replacement of product.

To the extent consistent with applicable law, buyer and user assume all responsibilities for safety and use not in strict accordance with directions

Optional Marketing Claims: [ ] OR ( ) indicates alternate or optional wording to be used in Optional Marketing Claims and in body of actual label.

- Apply to stalls, paddocks, waste areas, manure piles, decaying organic matter
- One pound treats 100 square feet for livestock
- Two pounds treat 100 square feet for poultry
- Convenient application
- Easy to use
- No mix, No mess, No spill
- Larvicide to control [stable] [house] fly maggots [in manure]
- Dump, Soldier & Stable Fly Larvae Control
- Controls house flies in cattle manure for [up to] 4 weeks
- EASY TO USE
- Granular Larvicide
- Apply to Stable Fly Breeding Sites
- Breaks the Stable Fly Life Cycle
- 16 oz. Treat 100 sq.ft. for livestock
- 32 oz. Treat 100 sq ft for poultry
- Use [Include] as part of an IPM [Integrated Pest Management] Program
- For use in [cattle] [poultry] [hog] [and] [horse] operations to break the house fly life cycle.
- Breaks the house fly life cycle [in [cattle] [poultry] [hog] [and] [horse] operations].
- Controls house [and stable] flies in horse manure for [up to] 2 weeks
- ½ lb. [8oz] treats 50 sq. ft. of [horse] manure piles
- 1 lb. [16 oz] treats 100 sq. ft. of [horse] manure piles
- 2 lbs. [32 oz] treats 200 sq. ft. of [horse] manure piles
- 3 lbs. [48 oz] treats 300 sq. ft. of [horse] manure piles
- 4 lbs. [64 oz] treats 400 sq. ft. of [horse] manure piles
- 5 lbs. [80 oz] treats 500 sq. ft. of [horse] manure piles
- Controls stable flies before they become adults
- Controls listed flies before they become adults
- Control Litter beetle larvae in poultry litter
- Convenient shaker [applicator]
- Use with fly adulticide [product name]
- Simply shake on manure piles
- Lasts for up to 2 weeks in horse manure
- Sprinkle on manure to control listed fly larvae
- Sprinkle on manure to control stable fly larvae
- Control fly larvae where listed insects breed
- Control fly larvae where stable insects breed
- Control listed fly maggots in manure
- Control stable fly maggots in manure
- Apply around [dairies], [horse stables], [round bale feeding sites], [livestock feeding lots], [calf hutches], [and all other premise areas] where listed flies can breed.
- Apply around [dairies], [horse stables], [round bale feeding sites], [livestock feeding lots], [calf hutches], [and all other premise areas] where stable flies can breed.