



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 11, 2022

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

Subject: Registration Review Label Mitigation for Novaluron and Addition of State-
Restrictive Restriction for California
Product Name: NOVALURON® 0.8G
EPA Registration Number: 53883-350
Application Dates: January 28, 2022 & August 8, 2022
Decision Numbers: 581533 & 587450

Dear Shannon Cooley:

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 Novaluron Final and/or Interim Decision, and has concluded that your submission is acceptable.

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 the Federal Insecticide Fungicide and Rodenticide Act 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) list 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.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label 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.

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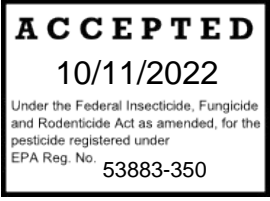
If you have any questions, please contact Mr. Carmen J. Rodia, Jr. via e-mail at Rodia.Carmen@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Tamica Cain".

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

Enclosure: Stamped "Accepted" Master Label, dated October 11, 2022



NOVALURON	GROUP	15	INSECTICIDE
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NOVALURON® 0.8G

[ABN: [Tekko Fly G], [Tekko G], [Tekko 0.8G], [Tekko G Larvicide], [Tekko 0.8G Larvicide], [Tekko G Fly Larvicide], [Tekko 0.8G Fly Larvicide]]

[For Control of [Dump] [House] [Soldier] [and] [Stable Fly] Larvae in [*Cattle Operations] [and][*Hog Farms] [*Horse Barns] [Poultry Operations]]
 *Not registered for use in California

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..... 0.8%

OTHER INGREDIENTS:99.2%

TOTAL:100.0%

*Contains 0.20 lb active ingredient per 25 lbs bag

EPA Reg. No. 53883-350
NET CONTENTS: __ LB(S)

EPA Est. No. _____

KEEP OUT OF REACH OF CHILDREN CAUTION

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

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> 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.
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.
<p>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 contact SafetyCall® International at 1-866-897-8050, twenty-four (24) hours per day seven (7) days per week.</p>	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. 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.

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 high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. 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 runoff 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 into the treated area will help to prevent runoff to water bodies or drainage systems.

PHYSICAL OR CHEMICAL HAZARDS: Do not mix or allow this product to come in contact with an 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:

- Apply this product only as specified the EPA approved label. Failure to follow Directions For Use and Precautions on this label may result in injury, poor fly and litter beetle control, and/or illegal residues.
- For both indoor and outdoor use.
- 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.



- Do not apply the product into fish pools, ponds, streams, or lakes unless for labelled water treatment.
- 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, 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 or irrigate to the point of runoff.
- 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.
- For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Water Protection Statements:

- **DO NOT** spray 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.

- **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.

PRODUCT INFORMATION

NOVALURON 0.8G is a granule larvicide with specific properties developed for the control of litter beetle larvae in poultry litter; and stable fly larvae in *cattle operations and *horse barns where horses are not intended for slaughter or food. It acts as a growth regulator and affects the formation of litter beetle and stable fly larvae.

*Not registered for use in California

NOVALURON 0.8G can be used alternatively with EPA registered fly adulticides, and is an important component of any integrated fly control program. Additionally, include appropriate sanitary and management practices to reduce the number and size of insect breeding sites. To achieve a faster reduction of the adult fly population, use concurrently with an EPA registered adulticide. Follow the most restrictive label limitations and precautions of all products used in mixtures. No label dosage rates may be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

As NOVALURON 0.8G 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 insects occurs gradually and becomes visible one to two weeks after application. For best results, read and follow all directions thoroughly.

Resistance Management Recommendations

For resistance-management, NOVALURON 0.8G contains a Group 15 insecticide. Any insect population may contain individuals naturally resistant to NOVALURON 0.8G and any other Group 15 insecticide. The resistant individuals may dominate the insect population if these groups of 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 NOVALURON 0.8G or other Group 15 insecticide within a growing season, or among growing seasons, with different groups that control the same pests. Avoid application of more than the maximum seasonal use rate or the total number of consecutive sprays of NOVALURON 0.8G or other insecticides in the same group in a season.

- 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):

- o 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.
 - o 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.
 - o 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 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 Control Solutions, Inc. at 1-800-242-5562

READ ALL DIRECTIONS COMPLETELY BEFORE USE

Application Sites: Apply NOVALURON 0.8G only on fly breeding sites. Do not apply to fly resting sites (walls, ceilings, etc.), as it has no effect on adult flies.

Application Method: Dry Scattering - While wearing gloves, scatter NOVALURON 0.8G 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 instructions are given in the application schedules below.

***Cattle Operations**

Apply NOVALURON 0.8G directly to fly breeding sites around round hay bales, dairy barns, cattle feedlots, and all other premise areas where flies can breed. Apply one half pound per 200 square feet.

Apply NOVALURON 0.8G approximately 3 days after manure removal, and repeat treatment after each removal or when fly larvae are found.

Poultry Operations

Apply NOVALURON 0.8G by treating the entire manure area approximately 1 week after manure removal. Repeat treatment after each removal or when beetle and fly larvae are found. Apply one pound per 200 square feet.

To maintain control of house 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 1,850 lbs. of NOVALURON 0.8G (14.8 lbs. of novaluron) per manure site per year.

***Hog Farms 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 0.8G underneath bedding on stall floors after cleaning. Repeat treatment after each removal or when larvae are found. Apply one half pound per 200 square feet.

*Not registered for use in California.

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

Apply no more than 900 lbs. of NOVALURON 0.8G (7.4 lbs. of novaluron) per acre per year.

USE RESTRICTIONS:

- (1) Do not apply NOVALURON 0.8G directly to livestock or livestock feed as illegal residues may result.
- (2) Do not feed manure treated with NOVALURON 0.8G to animals.
- (3) Do not contaminate 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, in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Keep above freezing. 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. Do not pour or dispose of down the drain or sewer. Call your local solid waste agency for local disposal options.

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

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. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If recycling is not available, puncture or dispose of in a sanitary landfill or by other procedures approved by State or 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*
- *Quarter pound treats 100 square feet for livestock*
- *Half pound treats 100 square feet for poultry*
- *Convenient application*
- *Easy to use*
- *No mix, No mess, No spill*
- *Larvicide to control stable fly maggots in manure*
- *Dump, Soldier & Stable Fly Larvae Control*
- *EASY TO USE*
- *Granular Larvicide*
- *Apply to Stable Fly Breeding Sites*
- *Breaks the Stable Fly Life Cycle*
- *Stable Fly Life Cycle Diagram/Image/Logo*



- *4 oz. Treats 100 sq.ft. for livestock*
- *8 oz. Treats 100 sq ft for poultry*
- *1 lb. treats 200 sq. ft. for poultry operations*
- *½ lb. treats 200 sq. ft. for cattle operations*
- *Use [Include] as part of an IPM [Integrated Pest Management] Program*
- *For use in [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.*