



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

December 22, 2025

SENT BY EMAIL

Noelle Sanfilippo
nsanfilippo@central.com
WELLMARK INTERNATIONAL

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 - Label notification adding optional graphic images, trademark statement, and updating contact number.
Product Name: RF2050 SPRAY
Admin Number: 2724-786
EPA Receipt Date: 12/17/2025
Action Case Number: 00679084

Dear Noelle Sanfilippo:

The U.S. Environmental Protection Agency is in receipt of your application for notification under Pesticide Registration Notice 98-10 for the above referenced product. The EPA has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to your 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 EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have questions, please contact Eric Ingram via email at ingram.eric@epa.gov.

Sincerely,

Eric Ingram

For
Elizabeth Fertich, Product Manager 04
Invertebrate & Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

SUBLABEL A: OCCUPATIONAL USE

RF2050 SPRAY

NOTIFICATION

Alternate Brand Name: Starbar® Fogasect® Wasp & Hornet Spray
Zoëcon® Wasp X™ Wasp & Hornet Spray

2724-786

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/22/2025

Dissipating Foam Formulation

Foaming Formulation

Aerosol

Quick Kill/Knockdown

Quickly kills on contact and provides residual activity

Foaming formulation provides residual activity

Jet Spray- Will reach nests up to 20 feet away

Can be used Indoors (attics and other places where nests are built) and Outdoors on Wasp & Hornet Nests

Kills Wasps, Hornets, and Yellow Jackets

Kills on contact

Contains etofenprox

Dielectric Breakdown: 36,000 Volts

ACTIVE INGREDIENTS:

Etofenprox (CAS #80844-07-1) 0.5%

Tetramethrin (CAS #7696-12-0) 0.2%

Piperonyl Butoxide* (CAS #51-03-6) 1.0%

OTHER INGREDIENTS:** 98.3%

TOTAL: 100.0%

* (butylcarbityl)(6-propylpiperonyl) ether and related compounds

**Contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Additional Precautions on Side Panels

NET CONTENTS:

EPA Reg. No. 2724-786

EPA Est. No.

SHAKE WELL BEFORE USING

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Personal Protective Equipment (PPE):
Applicators and other handlers must wear

- Long-sleeve shirt,
- Long pants,
- Shoes and socks
- Protective Eyewear
- Chemical resistant gloves (Barrier Laminate, neoprene rubber \geq 14 mils, nitrile rubber \geq 14 mils, and Viton \geq 14 mils)

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

User Safety Recommendations

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

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.• Call a poison control center or doctor for treatment advice.
IF ON SKIN:	<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">• Immediately call a poison control center or doctor.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
NOTE TO PHYSICIAN: Contains Petroleum Distillates – vomiting may cause aspiration pneumonia. .	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-800-xxx-xxxx- for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and runoff may be hazardous to fish in water adjacent to treated areas. Do not contaminate water when disposing of equipment/product. See Directions for Use for additional precautions and requirements. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively foraging in the area.

PHYSICAL OR CHEMICAL HAZARDS

Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

DIRECTIONS FOR USE

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

READ THE ENTIRE LABEL PRIOR TO USE. USE STRICTLY IN ACCORDANCE WITH ALL LABEL PRECAUTIONS AND DIRECTIONS.

RESISTANCE-MANAGEMENT

For resistance management, RF2050 Spray contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to RF2050 Spray and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly. Appropriate resistance-management strategies should be followed. To delay insecticide resistance, take the following steps:

- Rotate the use of RF2050 Spray or other Group 3A insecticides 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, 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 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 Central Garden & Pet at 1-800-248-7763.

REPORTING ECOLOGICAL INCIDENTS

For guidance on reporting ecological incidents, including death, injury, or harm to plants and animals, including bees and other non-target insects, see EPA's Pesticide Incident Reporting website: <https://www.epa.gov/pesticide-incidents> or call 1-800-248-7763.

USE RESTRICTIONS:

Do not enter or allow others to enter the treated area until sprays have dried.

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.

All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
6. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

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

Buffer from Water Statement: For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

Water Protection Statements: 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.

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.

Crack and Crevice Treatments: 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.

Not for use in, around or near floor drains or in sewers.

Do not allow to enter any 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.*)



To apply at the maximum rate, spray for about 2 seconds to cover a space of 1 sq ft.

For both indoor and outdoor use. Use [RF2050 Spray] [This product] to kill wasps, hornets, yellow jackets and other pests outdoors and indoors. Indoor locations would be identified as attics, steeples, mechanical rooms, barns, sheds, non-food/non-feed warehouses, garages, and carports. Do not apply indoors in habitable portions (areas) of domestic/residential dwellings, i.e., homes, residences, apartments, hotels, etc. **DO NOT TREAT ANIMALS WITH THIS PRODUCT.** Remove [livestock] [and] [pets] and birds before spraying indoors.

Prior to treatment, shake can well, hold can upright and, stand upwind at a safe distance from nests, and spray away from self and other persons. This product is generally non-staining, but test product in a small, inconspicuous area to determine if staining potential exists.

WASPS, HORNETS, AND YELLOW JACKETS

Wasps

Spray nest until thoroughly wet. Wasps on the nest will fall quickly to the ground, wasps returning to the nest will be killed by the residual action of the spray. Wait 24 hours before removing nest.

Hornets

Hornets build nests under eaves, in trees, shrubs, and ivy, and in sheltered spaces of buildings. It is best to wait until dusk or early morning to treat as hornets are less active at that time. Locate entrance hole in the nest, and thoroughly spray the entrance hole. Spraying the outside of the nest and not the entrance hole will not have the desired effect and may cause the hornets to attack. For best results for large nests, repeat application.

Yellow Jackets

Yellow jackets typically build nests in the ground or in tree stumps, landscape timbers, and railroad ties. Locate entrance holes, note that there may be more than one. Wait until dusk or early morning to spray. Spray entrances thoroughly. For best results for large nests, repeat application.

OTHER OUTDOOR PESTS

Tent Caterpillars

Treat webs in late afternoon when caterpillars return and spray tent until soaked.

Ants

Spray ants, building foundations, and locations where ants are entering a building. Directly hit as many ants as possible with the spray.

Cockroaches

Treat for cockroaches at locations where they live and potential entry points, such as areas where outside plumbing enters the building and cracks or crevices in the foundation. Spray cockroaches directly when seen.

STORAGE AND DISPOSAL

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

STORAGE: Do not store near heat or open flame. Store in cool dry area away from children.

DISPOSAL: Do not puncture or incinerate! **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for local disposal options. Do not dispose of down-the-drain or sewer.

For more information or in case of emergency, call 1-800-248-7763 or visit our Web site:
www.zoecon.com.

WARRANTY: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages. To the extent consistent with applicable law, Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

Manufactured for:
Wellmark International
1501 East Woodfield Road 200 West
Schaumburg, Illinois 60173

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.

SUBLABEL B: RESIDENTIAL USE

ETOFENPROX	GROUP	3A	INSECTICIDE
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RF2050 SPRAY

Dissipating Foam Formulation
Foaming Formulation
Aerosol
Quick Kill/Knockdown
Quickly kills on contact and provides residual activity
Foaming formulation provides residual activity
Jet Spray- Will reach nests up to 20 feet away
Can be used Indoors (attics and other places where nests are built) and Outdoors on Wasp & Hornet Nests
Kills Wasps, Hornets, and Yellow Jackets
Kills on contact
Contains etofenprox
Dielectric Breakdown: 36,000 Volts

OPTIONAL GRAPHICS



ACTIVE INGREDIENTS:

Etofenprox (CAS #80844-07-1)	0.5%
Tetramethrin (CAS #7696-12-0)	0.2%
Piperonyl Butoxide* (CAS #51-03-6)	1.0%

OTHER INGREDIENTS:**	98.3%
TOTAL:	100.0%

* (butylcarbityl)(6-propylpiperonyl) ether and related compounds

**Contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN
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SHAKE WELL BEFORE USING.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

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.• Call a poison control center or doctor for treatment advice.
IF ON SKIN:	<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">• Immediately call a poison control center or doctor.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
NOTE TO PHYSICIAN: Contains Petroleum Distillates – vomiting may cause aspiration pneumonia. .	
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USE RESTRICTIONS:

Do not allow adults, children, or pets to enter the treated area until sprays have dried.

Do not apply this product in a way that will contact adults, children or pets, either directly or through drift.

Remove [livestock] [and] [pets] and birds and cover fish aquariums before spraying indoors.

All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
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Prior to treatment, shake can well, hold can upright and, stand upwind at a safe distance from nests, and spray away from self and other persons. This product is generally non-staining, but test product in a small, inconspicuous area to determine if staining potential exists.

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Hornets

Hornets build nests under eaves, in trees, shrubs, and ivy, and in sheltered spaces of buildings. It is best to wait until dusk or early morning to treat as hornets are less active at that time. Locate entrance hole in the nest, and thoroughly spray the entrance hole. Spraying the outside of the nest and not the entrance hole will not have the desired effect and may cause the hornets to attack. For best results for large nests, repeat application.

Yellow Jackets

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STORAGE AND DISPOSAL

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DISPOSAL: Do not puncture or incinerate! **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for local disposal options. Do not dispose of down-the-drain or sewer.

For more information or in case of emergency, call 1-800-234-2269 [\[800-347-8272\]](tel:800-347-8272) or visit our Web site: [\[adamspetcare.com\]](http://adamspetcare.com).

Starbar is a registered trademark of Wellmark International. Central Garden & Pet with design is a trademark of Central Garden & Pet Company.

WARRANTY: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages. To the extent consistent with applicable law, Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

Manufactured for:

Wellmark International
1501 East Woodfield Road 200 West
Schaumburg, Illinois 60173

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.