



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

March 14, 2025

Thomas Lennan
Regulatory Affairs Specialist
McLaughlin Gormley King Company
7325 Aspen Lane
N Minneapolis, MN 55428

Subject: Label Amendment - Registration Review Mitigation for Permethrin and
Tetramethrin
Product Name: Tetraperm Insect Killer N104 WBA
EPA Registration Number: 1021-2694
Application Date: January 26, 2021; March 16th, 2021
Decision Number: 572201; 596851

Dear Mr. Thomas Lennan:

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 Permethrin and Tetramethrin Amended Interim Decisions, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, 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 Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. 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.

If you have any questions about this letter, please contact Samantha Carter by phone at 202-566-1179, or via email at carter.samantha@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jordan Page", followed by a long horizontal line.

Jordan Page, Senior Regulatory Advisor
Risk Management and Implementation Branch 3
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

TETRAPERM[®] INSECT KILLER N104 WBA

- *[Controls Listed Residential and Garden Insects*
- *Intended for use in and around the Home*
- *A Broad Spectrum Insecticide Highly Effective against Ants, Beetles (including Carpet Beetles, Flour Beetles, Grain Beetles, and Ground Beetles), Centipedes, Clover Mites, Cockroaches, Crickets (including Mole Crickets), Earwigs, Firebrats, Fleas, Millipedes, Moths, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders, Ticks (including Deer Ticks), Wasps, and many similar pests*
- *Protects for up to 4 Weeks*
- *Protects for up to 12 Weeks*
- *Protects for up to 3 Months]*

ACTIVE INGREDIENTS:

Tetramethrin	0.2%
Permethrin*	0.2%
Piperonyl Butoxide**	1.0%

OTHER INGREDIENTS†:	98.6%
	100.0%

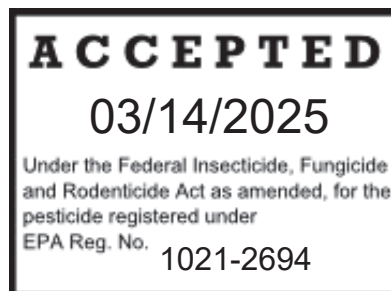
* Cis/trans ratio: max. 55% (+/-) cis and min. 45% (+/-) trans.

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

†Contains petroleum distillate.

TetraPerm[®] is a registered trademark of Sumitomo Chemical Co., Ltd.

PRECAUCIÓN AL CONSUMIDOR: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
(**TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)



KEEP OUT OF REACH OF CHILDREN CAUTION

See Side/Back Panel For Use Cautions

FIRST AID	
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.
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.
HOTLINE NUMBER	
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 product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-740-8712.	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

Manufactured by:



7325 Aspen Lane North
Minneapolis, MN 55428

EPA Reg. No. 1021-2694

EPA Est. No. 1021-MN-2

Net Contents: _____

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contact with skin 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 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 washwater, or rinsate. See Directions for Use for additional precautions and requirements.

This pesticide 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 visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

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

For both indoor and outdoor use.

Use Restrictions

- Do not remain in treated area. Exit area immediately and do not re-enter or allow adults, children, or pets to enter until sprays have dried and vapors, and/or mist have dispersed and the treated area has been thoroughly ventilated.
- Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.
- Do not wet plants or articles to point of runoff or drip.
- Do not use treated article until spray has dried.
- Dry clean treated clothes before wearing.
- Do not apply when food is present.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces, or wash them before use.
- Remove or cover exposed food and drinking water before application.
- Remove pets, birds, and cover fish aquariums before spraying.
- 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.
- Spot treatments must not exceed two square feet in size.
- Do not allow to enter indoor or outdoor drains. No permita la entrada a desagües internos o externos.



{Note to reviewer: Pictogram must be no smaller than 1.5 cm² or 0.25 sq. in. unless size is greater than 10% of label size}

[Alternate text required for outdoor application:]

- All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
- Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
- Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
- 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;
- 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;
- 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.
- 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 by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- 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 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.
- Do not apply when the wind speed is greater than 15 mph.
- Do not apply or irrigate to the point of runoff
-

Test product on an inconspicuous area before applying. Spray until surface is slightly wet but not to the point of runoff. Over application may cause damage. Will not stain surfaces or fabrics where water alone causes no damage.

SHAKE WELL BEFORE USING

Remove protective cap, hold container upright and spray from a distance of 12 to 15 inches.

For 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.

INDOORS:

House Flies, Fruit Flies, Mosquitoes, Gnats, Wasps, Hornets, Bees, Black Flies, Skipper Flies, Blow Flies and Small Flying Moths: Close all doors and windows and direct spray upward into center of room with a slow sweeping motion. Spray 5-10 seconds for average room. Direct spray to all parts of the room, especially windows and other light sources which attract these insects. Keep nozzle in constant motion. Keep room closed for 15 minutes after spraying. Ventilate room thoroughly before re-entry. Sweep up and discard fallen insects. Re-apply after one week if insects return.

Cockroaches, Waterbugs, Palmetto Bugs, Silverfish, Firebrats, Crickets, Scorpions, Spiders, Millipedes, Centipedes, Sowbugs and Pillbugs: Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible. Spray at a rate of 1-2 seconds per linear foot. Re-apply after one month if insects return.

Ants: Spray trails, nests and points of entry at a rate of 1-2 seconds per linear foot. Spray ants directly where possible. Re-apply after one month if insects return.

Indian Meal Moths, Angoumois Grain Moths: Close doors and windows, direct spray into all parts of room especially around stored food/feed product containers, pallets and darkened areas. Spray 7 to 10 seconds for each 1,000 cu. ft. of space. Keep area closed for 15 minutes following treatment. Re-apply after one week if insects return.

EXPOSED STAGES OF **Confused Flour Beetles, Sawtoothed Grain Beetles, Red Flour Beetles, Rice Weevils, Granary Weevils, Grain Mites:** Spray into cracks and crevices, processing and handling equipment, around cartons or containers or other areas where these insects tend to congregate. Spray 30 seconds for each 100 square feet of surface. Keep area closed for 45 minutes to 1 hour after treatment. Dispose of infested stored food/feed products in the home. Re-apply after one month if insects return.

Carpet Beetles: Spray directly on beetles, floors, baseboards, shelves and carpets at a rate of 2-3 seconds per sq. ft. Re-apply after one month if insects return.

Bed Bugs: Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Spray at a rate of 2-3 seconds per sq. ft. Allow all sprayed articles to dry thoroughly before use. Inspect after one week and re-apply if needed.

TO CONTROL **Clothes Moths and Carpet Beetles** on wool and other proteinaceous fibers: Remove infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray at a rate of 1-2 seconds per sq. ft. to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated by spraying lightly (1 second burst per sq. ft.), keeping nozzle at least three feet from fabric to avoid staining. Re-apply after one month if insects return.

OUTDOORS:

Point spray nozzle away from face. Hold can on slight downward angle. For best results, spray when air is calm. Allow a few minutes for product to take effect. Spray with wind if breeze is blowing.

PESTS ON OUTSIDE SURFACE OF BUILDINGS: For control of building infestation due to **Ants, Clover Mites, Crickets, Earwigs, Millipedes and Sowbugs (Pillbugs).** Spray foundation of building where insects are active and may find entrance, up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas include (but are not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps. Spray at a rate of 2-3 seconds per sq. ft. Re-apply after one week if insects return.

FLYING INSECTS: **Flies, Mosquitoes, Gnats, Small Flying Moths, Hornets, and Yellowjackets.** Allow fog to drift over area. Direct spray toward bushes, or grass from at least 4 to 6 feet away. Spray at a rate of 2-3 seconds per sq. ft. of area. Give special attention to breeding areas such as garbage cans and compost piles. Re-apply after daily if insects return.

CRAWLING INSECTS: **Ants, Cockroaches, including Asian Cockroaches, Crickets, Centipedes, and Silverfish.** Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel **Ants.** Spray ant hills for best control. Spray at a rate of 2-3 seconds per sq. ft. Re-apply after one week if insects return.

Ants, Lone Star Ticks, Dog Ticks, Crickets, Fleas and Earwigs: Apply at a rate of 2-3 seconds per sq. ft. to infestation in bushes, grass or weeds. For **Ants,** spray freely around ant trails and hills. Re-apply after one week if insects return.

FOR THE CONTROL OF ORNAMENTAL GARDEN INSECTS: For use on roses, dahlias, asters and other ornamentals to kill **Japanese Beetles** hit by spray, as well as **Whiteflies, Aphids, Exposed Thrips, Spiders, Red Mites and Leafminers**. May be used on plants, as well as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwood, English ivy, euonymus, fuchsia, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed against **Whiteflies, Aphids, Spider and Red Mites, Exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites and Armyworms**. When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Spray in one second bursts per sq. ft. be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Over application may cause damage. Contact insects directly whenever possible. Inspect after one week and repeat treatment if needed.

STORAGE AND DISPOSAL

Follow proper disposal procedures on this label. Siga las indicaciones del etiquetado para el desecho apropiado del producto.

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

PESTICIDE STORAGE: Do not store near heat or open flame. Store in a cool, dry area away from children. [Store in a cool, dry area away from [inaccessible to] children and pets and away from heat, sparks and open flame.] [Protect from freezing.] [Do not freeze.] [Do not transport or store below 32°F.]

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for disposal instructions. [This container may be recycled in aerosol recycling centers. At present, there are only a few such centers in the country. Before offering for recycling, empty the can by using the product according to the label.]

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer 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 risks associated with the use of this product. 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 MGK. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MGK 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 MGK is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, MGK 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 MGK'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Or alternate text

Note [Notice]: 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.]

TETRAPERM® INSECT KILLER N104 WBA

- *[Controls Listed Residential, Industrial and Garden Insects*
- *Intended for Commercial use in Non-food/feed Areas of Industrial and Institutional Buildings: School, Warehouses, Office Buildings, Theaters, Garages, Hotels, Motels*
- *A Broad Spectrum Insecticide Highly Effective Against Ants, Beetles (including Carpet Beetles, Flour Beetles, Grain Beetles, and Ground Beetles), Centipedes, Clover Mites, Cockroaches, Crickets (including Mole Crickets), Earwigs, Firebrats, Fleas, Millipedes, Moths, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders, Ticks (including Deer Ticks), Wasps, and many similar pests*
- *Protects for up to 4 Weeks*
- *Protects for up to 12 Weeks*
- *Protects for up to 3 Months]*

ACTIVE INGREDIENTS:

Tetramethrin	0.2%
Permethrin*	0.2%
Piperonyl Butoxide**	1.0%
OTHER INGREDIENTS†:	98.6%
	100.0%

* Cis/trans ratio: max. 55% (+/-) cis and min. 45% (+/-) trans.

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

†Contains petroleum distillate.

TetraPerm® is a registered trademark of Sumitomo Chemical Co., Ltd.

PRECAUCIÓN AL CONSUMIDOR: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
(**TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

KEEP OUT OF REACH OF CHILDREN CAUTION

See Side/Back Panel For Use Cautions

FIRST AID	
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.
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.
HOTLINE NUMBER	
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 product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-740-8712.	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

Manufactured by:



7325 Aspen Lane North
Minneapolis, MN 55428

EPA Reg. No. 1021-2694

EPA Est. No. 1021-MN-2

Net Contents: _____

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contact with skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. Mixers, loaders, applicators and other handlers, must wear the following:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, Viton, neoprene rubber or nitrile rubber
- Shoes plus socks

USER SAFETY REQUIREMENTS

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

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside and after handling this product. Wash the outside of gloves before removing. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This pesticide 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 visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

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

For both indoor and outdoor use.

Use Restrictions

- Do not enter or allow others to enter until vapors, mists and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Do not allow to enter 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.
- Do not wet plants or articles to point of runoff or drip.
- Do not use treated article until spray has dried.
- Dry clean treated clothes before wearing.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces, or wash them before use.
- Remove or cover exposed food and drinking water before application.
- Do not apply when food is present.
- Do not use in food areas of food handling establishments, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held.
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- 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.
- Spot treatments must not exceed two square feet in size.
- Do not allow to enter indoor or outdoor drains. No permita la entrada a desagües internos o externos.



{Note to reviewer: Pictogram must be no smaller than 1.5 cm² or 0.25 sq. in. unless size is greater than 10% of label size}

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- Do not use in aircrafts.
- [Alternate text – outdoor application:

- All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
- Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
- Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
- 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;
- 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;
- 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.
- 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 by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- 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 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.
- Do not apply when the wind speed is greater than 15 mph.
- Do not apply or irrigate to the point of runoff
- [Alternate text: When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.]

Test product on an inconspicuous area before applying. Spray until surface is slightly wet but not to the point of runoff. Over application may cause damage. Will not stain surfaces or fabrics where water alone causes no damage.

SHAKE WELL BEFORE USING

Remove protective cap, hold container upright and spray from a distance of 12 to 15 inches.

For 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.

INDOORS:

House Flies, Fruit Flies, Mosquitoes, Gnats, Wasps, Hornets, Bees, Black Flies, Skipper Flies, Blow Flies and Small Flying Moths:

Close all doors and windows and direct spray upward into center of room with a slow sweeping motion. Spray 5-10 seconds for average room. Direct spray to all parts of the room, especially windows and other light sources which attract these insects. Keep nozzle in constant motion. Keep room closed for 15 minutes after spraying. Ventilate room thoroughly before re-entry. Sweep up and discard fallen insects. Re-apply after one week if insects return.

Cockroaches, Waterbugs, Palmetto Bugs, Silverfish, Firebrats, Crickets, Scorpions, Spiders, Millipedes, Centipedes, Sowbugs and Pillbugs: Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible. Spray at a rate of 1-2 seconds per linear foot. Re-apply after one month if insects return.

Ants: Spray trails, nests and points of entry at a rate of 1-2 seconds per linear foot. Spray ants directly where possible. Re-apply after one month if insects return.

Indian Meal Moths, Angoumois Grain Moths: Close doors and windows, direct spray into all parts of room especially around stored food/feed product containers, pallets and darkened areas. Spray 7 to 10 seconds for each 1,000 cu. ft. of space. Keep area closed for 15 minutes following treatment. Re-apply after one week if insects return.

EXPOSED STAGES OF ***Confused Flour Beetles, Sawtoothed Grain Beetles, Red Flour Beetles, Rice Weevils, Granary Weevils, Grain Mites:*** Spray into cracks and crevices, processing and handling equipment, around cartons or containers or other areas where these insects tend to congregate. Spray 30 seconds for each 100 square feet of surface. Keep area closed for 45 minutes to 1 hour after treatment. Dispose of infested stored food/feed products in the home. Re-apply after one month if insects return.

Carpet Beetles: Spray directly on beetles, floors, baseboards, shelves and carpets at a rate of 2-3 seconds per sq. ft. Re-apply after one month if insects return.

Bed Bugs: Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Spray at a rate of 2-3 seconds per sq. ft. Allow all sprayed articles to dry thoroughly before use. Inspect after one week and re-apply if needed.

TO CONTROL ***Clothes Moths and Carpet Beetles*** on wool and other proteinaceous fibers: Remove infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray at a rate of 1-2 seconds per sq. ft. to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated by spraying lightly (1 second burst per sq. ft.), keeping nozzle at least three feet from fabric to avoid staining. Re-apply after one month if insects return.

OUTDOORS:

Point spray nozzle away from face. Hold can on slight downward angle. For best results, spray when air is calm. Allow a few minutes for product to take effect. Spray with wind if breeze is blowing.

PESTS ON OUTSIDE SURFACE OF BUILDINGS: For control of building infestation due to ***Ants, Clover Mites, Crickets, Earwigs, Millipedes and Sowbugs (Pillbugs)***. Spray foundation of building where insects are active and may find entrance, up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas include (but are not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps. Spray at a rate of 2-3 seconds per sq. ft. Re-apply after one week if insects return.

FLYING INSECTS: ***Flies, Mosquitoes, Gnats, Small Flying Moths, Hornets, and Yellowjackets***. Allow fog to drift over area. Direct spray toward bushes, or grass from at least 4 to 6 feet away. Spray at a rate of 2-3 seconds per sq. ft. of area. Give special attention to breeding areas such as garbage cans and compost piles. Re-apply after daily if insects return.

CRAWLING INSECTS: ***Ants, Cockroaches, including Asian Cockroaches, Crickets, Centipedes, and Silverfish***. Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel ***Ants***. Spray ant hills for best control. Spray at a rate of 2-3 seconds per sq. ft. Re-apply after one week if insects return.

Ants, Lone Star Ticks, Dog Ticks, Crickets, Fleas and Earwigs: Apply at a rate of 2-3 seconds per sq. ft. to infestation in bushes, grass or weeds. For ***Ants***, spray freely around ant trails and hills. Re-apply after one week if insects return.

FOR THE CONTROL OF ORNAMENTAL GARDEN INSECTS: For use on roses, dahlias, asters and other ornamentals to kill ***Japanese Beetles*** hit by spray, as well as ***Whiteflies, Aphids, Exposed Thrips, Spiders, Red Mites and Leafminers***.

May be used on plants, as well as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwood, English ivy, euonymus, fuchsia, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed against ***Whiteflies, Aphids, Spider and Red Mites, Exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites and Armyworms***. When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Spray in one second bursts per sq. ft. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Over application may cause damage. Contact insects directly whenever possible. Inspect after one week and repeat treatment if needed.

STORAGE AND DISPOSAL

Follow proper disposal procedures on this label. Siga las indicaciones del etiquetado para el desecho apropiado del producto.

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

PESTICIDE STORAGE: Do not store near heat or open flame. Store in a cool, dry area away from children. [Store in a cool, dry area away from [inaccessible to] children and pets and away from heat, sparks and open flame.] [Protect from freezing.] [Do not freeze.] [Do not transport or store below 32°F.]

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for disposal instructions. [This container may be recycled in aerosol recycling centers. At present, there are only a few such centers in the country. Before offering for recycling, empty the can by using the product according to the label.]

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer 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.

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[Or alternate text

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