

87276-15

03-13-2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Registration No.
 87276-15

Date of Issuance:
 March 13, 2012

NOTICE OF PESTICIDE: Registration
 Reregistration
 (under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

Term of Issuance:
Unconditional

Name of Pesticide Product:
Equil Pyriprox 10% IGR Concentrate

Name and Address of Registrant (include ZIP Code):
Envincio LLC
c/o Pyxis Regulatory Consulting , Inc.
4110 136th St., NW
Gig Harbor, WA 98332
Attn: Mr. Michael Kellogg

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This action is taken under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Registration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

EPA has registered the product listed above provided that the following change is made to the label before you release the product for shipment:

1. Revise the EPA Registration Number to read: "EPA Registration No 87276-15."
2. The "Net Contents" must be expressed in conventional U.S. units of measurement. This must be displayed on all subsequent label submissions to the Agency requesting approval.
3. Remove "Rooms" from "Livestock Housing Rooms" on page 3 within the site declarations.
4. Combine the words "Transportation" and "Vehicles" on page 4 of the site declarations to "Transportation Vehicles"

A copy of your label stamped "Accepted with Comments" is enclosed for your records.

Signature of Approving Official:

Refer to Page 2

Richard J. Gebken, Product Manager (10)
 Registration Division, Insecticide Branch

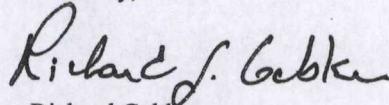
Date:

March 13, 2012

5. On page 13, under the sub heading "Control of Mosquito Larvae" Revise the sentence "This product is effective against immature life stages of mosquitoes." to "This product is **ONLY** effective against immature life stages of mosquitoes."
6. Under the subheader "Optional Marketing Statements" section remove the following:¹
 - a. "This product is an insect growth regulator similar to the naturally occurring insect growth hormones which interferes with [stops] their growth or development"
 - b. "This product can be a biorational approach to insect control"
 - c. "Controls [stops (kills) (prevents)] stages of fleas that don't resemble fleas"
 - d. "Works with nature to interrupt [break] the life cycle of listed cockroaches."

In accordance with 40 CFR 156.10, you must submit 2 copies of the final printed label prior to releasing the product for shipment.

Sincerely,



Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505C)

Enclosure

¹ These claims may be considered false and misleading under 40 CFR 156.10.

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Equil Pyriprox 10% IGR Concentrate

Insect Growth Regulator

For use in the home and in Food and Non-food areas of Restaurants, Food Processing Plants, Food Warehouses, Grocery Stores and Supermarkets, Schools, Office Buildings, Apartments, Hotels and Motels, Hospitals, Tobacco Plants and Warehouses, Manufacturing Plants, Commercial and Industrial Buildings, Transportation Equipment such as Automobiles, Boxcars, Buses, Boats Trucks, Railcars, Ship Cargo Holds, outside on Lawns and Building Perimeters, and in and around Livestock Housing including Poultry Housing, Dairies, Kennels and Feedlots.

Stops the cycle of insect reproduction to control Fleas, Stored Product Pests, Cockroaches, Mosquitoes, Flies, Lone Star Ticks and other listed insect pests.

Contains pyriproxyfen, the active ingredient used in NyGuard® IGR Concentrate.

ACTIVE INGREDIENT:

2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine [Pyriproxyfen]..... 10.0%

OTHER INGREDIENTS: 90.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-257-4118 for emergency medical treatment information.	
NOTE TO PHYSICIAN: Vomiting may cause aspiration pneumonia.	

See inside label booklet for additional PRECAUTIONARY STATEMENTS.

For Chemical Spill, Leak, Fire, or Exposure, Call: CHEMTREC 1-800-424-9300

For Medical Emergencies Only, Call: 866-257-4118

EPA Reg. No. 87276-xx

EPA Est. No.

Manufactured for:

Envincio LLC
501 Cascade Pointe Lane, Suite 103
Cary, NC 27513

Equil Pyriprox 10% IGR Concentrate is not manufactured or distributed by McLaughlin Gormley King Company, sellers of NyGuard.

ACCEPTED
with COMMENTS
In EPA Letter Dated
3-13-12
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
87276-13

Net Contents:

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Do not induce vomiting because of aspiration pneumonia hazard. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

Cover or remove all food and food processing surfaces. Thoroughly wash all food processing surfaces before reuse. After spraying in bakeries, meat packing plants, food processing plants, etc., all benches, shelving, equipment, etc. where exposed food will be handled must be washed with an effective compound followed by a potable water rinse to remove all traces of contamination. Food processing operations do not have to be stopped while applying a wet spray with care and in accordance with the directions and cautions above in those establishments which do NOT operate under Federal meat, poultry, shell egg grading and egg products inspection program.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

DIRECTIONS FOR USE

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

READ ALL DIRECTIONS COMPLETELY BEFORE USE

PRODUCT INFORMATION

This product will stop immature insects from developing into adults by causing adult insects to be sterile, reducing egg production, modifying insect behavior, causing insects to be deformed, and death. To help in the prevention of insect resistance, this product may be used in an Integrated Pest Management (IPM) program.

USE RESTRICTIONS

1. Prior to applying this product in hospitals, nursing homes or any rooms, all patients MUST be removed from the application areas. Patients may be re-introduced to the application areas when the spray has dried IF application is done as a surface spray, or crack and crevice application. If the application is made as a space spray or ULV Fog, patients may be re-introduced to the application area after it has been ventilated thoroughly.
2. Be sure to read the Food Handling Establishment section of this label PRIOR to use in residential or commercial food areas.
3. Due to possible shock hazard, do NOT use this product on or in electrical equipment.
4. When applying this product, do NOT wet carpet, draperies and furniture as staining may occur. Because some fibers or surfaces like vinyl siding may be stained by application, be sure to test the spray solution in a hidden area before applying this product.
5. Applications may be made to institutional facilities (for example: gyms, libraries, etc.) while the building is in use as long as applications are not made while people are in the immediate area.

APPLICATION SITES

This product may be applied to indoor and outdoor sites including:

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|------------------------|-----------------------------|----------------------------|
| Agricultural Buildings | Aircraft (cargo areas only) | Animal Housing Facilities |
| Animal Quarters | Animal Research Facilities | Apartment Buildings |
| Apartments | Appliances | Assisted Living Facilities |
| Atriums | Attics | Automobiles |

Backyards
 Basements
 Bedrooms
 Bookshelves
 Boxcars
 Building Foundations
 Cabinets
 Calf Hutches
 Candy Plants
 Casinos
 Chests
 Closets
 Colleges
 Composting Sites
 Crawl Spaces
 Dairies
 Delicatessens
 Dining Halls
 Dog Runs
 Draperies
 Drugstores
 Equipment Voids
 Farm Buildings
 Feedlots
 Food Handling Areas
 Food Storage Areas
 Funeral Parlors
 Garbage Areas
 Gazebos
 Grocery Stores
 Homes
 Hotels
 Industrial Plants
 Institutions
 Kitchens
 Landscape Plants
 Libraries
 Living Rooms
 Marine Vessels
 Mausoleums
 Mess Halls
 Morgues
 Mulch
 Offices

Bakeries
 Bathrooms
 Boats
 Bottling Facilities
 Breweries
 Building Perimeters
 Cabins
 Campers
 Cargo Holds
 Cemeteries
 Child Care Centers
 Clothes Storage
 Commercial Buildings
 Condominiums
 Crematoriums
 Day Care Centers
 Dens
 Dog Houses
 Dormitories
 Dressers
 Egg Production Facilities
 Fabric Storage Areas
 Farms
 Floors
 Food Packing Plants
 Food Warehouses
 Furniture
 Garbage Cans
 Grain Storage Facilities
 Headboards
 Hospices
 Indoor Eating Establishments
 Institutional Buildings
 Jails
 Laboratories
 Landscaping
 Livestock Housing Rooms
 Locker Rooms
 Mass Merchandising Stores
 Meat & Produce Canneries
 Mobile Canteens
 Mortuaries
 Nursing Homes
 Other Public Buildings

Barns
 Bed Frames
 Boiler Rooms
 Box Springs
 Building Exteriors
 Buses
 Cafeterias
 Campsites
 Carpets
 Cereal Processing Facilities
 Closed Porches
 Coffee Houses
 Compost
 Convenience Stores
 Cupboards
 Decks
 Detention Centers
 Dog Kennels
 Drains
 Drive-Ins
 Equipment
 Factories
 Farmyards
 Flour Mills
 Food Processing Plants
 Foundations
 Garages
 Gas Stations
 Grass
 Health Clubs
 Hospitals
 Industrial Buildings
 Institutional Dining Areas
 Kennels
 Lanais
 Lawns
 Livestock Production Facilities
 Manufacturing Plants
 Mattresses
 Meat Processing Plants
 Mobile Homes
 Motels
 Office Buildings
 Outdoor Eating Establishments

Pantries	Parks	Patios
Pet Areas	Pet Bedding	Pet Carriers
Pet Grooming Parlors	Pet Quarters	Pet Sleeping Areas
Pet Stores	Play Houses	Play Rooms
Porches	Poultry Houses	Prisons
Public Buildings	Railroad Cars	Recreation Vehicles
Recreational Areas (Indoors)	Recreational Areas (Outdoors)	Residential Homes
Restaurants	Rugs	Schools
Septic Tanks	Ship Cargo Holds	Ships
Shutters	Side Yards	Soil
Solariums	Spas	Sports Stadiums
Stockyards	Storage Areas	Stored Food Areas
Stored Food Warehouses	Stores	Sun Porches
Sun Rooms	Supermarkets	Swine Production Facilities
Taverns	Theaters	Tobacco Plants and Warehouses
Town Houses	Trailers	Trains
Transportation	Tree Houses	Trucks
Universities	Upholstered Furniture	Utility Room Indoor
Utility Room Outdoor	Vehicles	Vending Machines
Verandas	Veterinaries	Warehouses
Washrooms	Yards	Zoos

PESTS CONTROLLED

This product is effective against pests in the orders Acari, Anoplura, Blattodea, Coleoptera, Dermoptera, Diptera, Heteroptera, Hymenoptera, Lepidoptera, Orthoptera, Psocoptera and Siphonaptera, as well as the following:

Almond Moths	American Cockroaches	Angoumois Grain
Ants	Asian Cockroaches	Asian Lady Beetles
Australian Cockroach	Beetles	Black Carpet Beetles
Booklice	Bottle Flies	Boxelder Bugs
Brown Cockroaches	Brownbanded Cockroaches	Cat Fleas
Cheese Skippers	Cigarette Beetles	Cinereous Cockroaches
Clothes Moths	Cockroaches	Cockroaches
Confused Flour Beetles	Copra Beetles	Crickets
Darkling Beetles	Dermestid Beetles	Drain Flies
Drugstore Beetles	Elm Leaf Beetles	Face Flies
Field Cockroaches	Filter Flies	Fleas
Flies	Florida Stinkroach	Fruit Flies
Fungus Gnats	German Cockroaches	Granary Weevils
Ground Beetles	Hide Beetles	Horn Flies
Horntails	House Flies	Indian Meal Moths
Khapra Beetles	Lesser Grain Borers	Litter Beetles
Lone Star Tick	Madeira Cockroaches	Mealworms
Merchant Grain beetles	Midges	Mosquitoes
Moths	Moths	Pennsylvania Wood

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Phorid Flies	Psocids	Red Flour Beetles
Rice Moths	Rice Weevil	Saw-tooth Grain Beetles
Sewage Flies	Silverfish	Small Dung Flies
Smoky Brown Cockroaches	Stable Flies	Surinam Cockroaches
Ticks	Tobacco Moths	Turkestan Cockroaches
Vinegar Flies	Warehouse Beetles	

MIXING INSTRUCTIONS

Mix this product with water by partly filling the sprayer with water, then add the amount of concentrate recommended below to the sprayer, agitate and then fill with water to final volume. Be sure to agitate the tank before each spray.

TANK MIXING

This product may be tank mixed with other registered pest control products ONLY if permitted in the product labeling of the tank mix partner products. Apply the tank mix using the most restrictive label language and precautions of the mixed products.

Add the tank mix partner to the mixing tank first, being certain it is well mixed and in suspension. Then add this product using the amount recommended in this label.

NOTE: Do NOT tank mix with Vapona or Malathion as these products conflict with this product.

APPLICATION INSTRUCTIONS

This product may be applied both indoors and outdoors as a general surface spray, ULV / fog, space spray application, spot treatment or crack and crevice application using power sprayers, hand pump sprayers, void injectors, in carpet shampoo, paintbrushes, rollers, professional foam applicators and / or similar devices.

APPLICATION RATES

Refer to the following to determine the amount of this product to mix with one gallon of water for the desired concentration:

Amount of Product per Gallon of Water	Resulting Application Rate per Unit Area	
	1,000 sq. ft.	1,500 sq. ft.
4 mL (0.01%)	3 mL	4 mL
8 mL (0.02%)	5.5 mL	8 mL
12 mL (0.03%)	8 mL	12 mL

Alternate Mixing Instructions for Outdoor Power Spraying	
18 mL per 50 gallons of water	0.001%
38 mL per 50 gallons of water	0.002%
56 mL per 50 gallons of water	0.003%

SURFACE APPLICATIONS

Apply this product as a crack and crevice spray, spot treatment or broadcast surface application to locations where conditions promote insect population growth and reproduction.

FOG AND ULV APPLICATIONS (INCLUDING SPACE SPRAY AND VOID INJECTION)

To apply this product an ultra-low volume (ULV) application or a fog, use ULV equipment, a fogger, mechanical misting sprayers or aerosol generators. To mix the fogging solution, follow the equipment manufacturer's instructions.

To apply as a fog application, dilute with water or an approved petroleum distillate and apply 1 ml of this product per 1,000 cubic feet of space. Prior to application, remove all persons and close off the area to be

treated, being sure to turn off and ventilation systems. Apply the fog into the air directed at areas that may harbor target pests. After treatment, leave the room closed for 30 minutes or, if tank mixed, as long as recommended by the labels of other tank mix partners. After application, do NOT remain in treated areas after the application is made, and ventilate well prior to re-entry.

For void injection, apply to infestation sites using injection equipment designed for deep void ULV (Ultra Low Volume) applications in wall voids and inaccessible spaces in equipment and structures being sure to use the equipment manufacturer's set-up and air pressure recommendations. Place the applicator directly on or into the space to be treated and being sure to keep the tip in position, apply in short bursts allowing the air stream to push the material deep into the void. For applications along moldings, baseboards, trim, etc., apply a constant stream of this product while moving the applicator tip along the crevice to be treated at a steady rate of one foot per second. Do NOT apply to the point of dripping or runoff. Prior to re-entry, be sure to ventilate the application area thoroughly.

FOOD HANDLING ESTABLISHMENTS

This product may be applied to both food and non-food areas of food handling establishments (i.e., where food and food products are received, held, processed, prepared, served, packaged, and stored) as well as enclosed food processing systems such as dairies, mills, etc.

Prior to application, remove or cover all food items in the treatment areas and do NOT apply directly to food or food-handling surfaces. In homes, all food-processing surfaces and utensils must be covered during treatment or thoroughly washed before use.

Apply this product as a general surface spray, space spray or spot and/or crack and crevice treatment. After application, all surfaces that contact food must be thoroughly washed and rinsed.

Spot or Crack and Crevice Applications: Applications may be made while the facility is in operation if, prior to application, exposed food is covered or removed from the area being treated.

Space Spray and Surface Applications: Applications may be made ONLY when the facility is not in operation. Prior to application, all exposed food must be covered or removed from the area being treated.

Pantry, Cabinets and Small Food Storage Areas: Apply as a surface spray, fog, crack and crevice spray, or spot treatment to pantry and cupboard shelves or other areas where food is stored. Be sure to remove all food and food containers prior to spraying and do not return until the application has dried.

Stored Food Warehouses: Apply where packaged food items are stored as a fog, general surface spray, spot, or crack and crevice treatment in such a way that direct contact with the foodstuff will not occur.

INTEGRATED PEST MANAGEMENT IN SCHOOLS

This product may be used in schools and day care facilities. Applications may be made only when rooms are NOT in use, and rooms must be vacated prior to treatment. Applications should be made when the building is unoccupied and only maintenance staff is present. If applied as a space spray or ULV fog, the facility may be reentered after the treated area has been thoroughly ventilated. The facility may be reentered once the spray has dried if applied as a surface spray, spot or crack and crevice application.

**INDOOR AND OUTDOOR CONTROL OF LISTED FLYING INSECTS
(Including Moths, Mosquitoes, Flies and Other Listed Insects)**

This product will decrease the number of eggs laid by treated adults as well as reduce hatch rates and inhibit development into normal adults, reducing adult fly populations after 3-4 weeks. To apply, thoroughly clean and sanitize the application area and apply spray dilution to locations where the insects are known to live as well as known and suspected breeding sites (such as moist areas with decaying organic matter). For immediate control of adult insects while inhibiting development of insects in the immature stages, tank mix this product with an insecticide that kills adult insects. If necessary, applications may be repeated at 2 to 4 week intervals. Be sure to read and follow the instructions in the **FOOD HANDLING ESTABLISHMENTS** section of this label if applying to areas used to process food.

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Application Type	Application Rate	Instructions
General Surface Applications (Including Broadcast, Spot and Crack & Crevice)	4mL – 12mL per gallon of water (or sufficient water to get adequate coverage) Treats 1,500 square feet	Use the lower rate listed for most normal conditions and use up to the higher rate listed when applying to populations that are difficult to control or when applying in conditions that make it difficult to control target pests. Apply as a coarse wetting spray to locations where the pest breeds and lives, as well as vertical surfaces surrounding these sites. When applying to drains, spray into and around the drain and catch basin area.
Space Spray, Void Injection, ULV and Fog Applications	1mL per 1,000 Cu. Ft. of space to be treated.	Be sure to follow the FOG AND ULV APPLICATIONS (INCLUDING SPACE SPRAY AND VOID INJECTION) instructions in the General Application Instructions section of this label. This product may be applied alone or tank mixed with a product that controls adult insects. Apply to all areas where the insects are known to live and / or breed.
Foam Applications	4-8mL per gallon of water	Mix this product at the recommended rate with one gallon of diluent and convert to foam by adding a foaming agent at the recommended rate. Apply foam to areas where insects are known to breed such as floor drains, bathtubs, drains, and sink traps following the foam equipment manufacturer's instructions. Be sure to thoroughly cover all areas where breeding surfaces exist.
Outdoor Applications	4mL-12mL per gallon of water (or sufficient water to get adequate coverage) Treats 1000 square feet	Apply as a surface application using the lower rate listed for most normal conditions up to the higher rate listed when applying to populations that are difficult to control or when applying in conditions that make it difficult to control target pests. Applications to soil will provide residual IGR activity that depends on the weather conditions and type of soil.
	Power Sprayer Rate: 18mL – 56mL per 50 gallons of water	Apply to surfaces where insects live, travel and breed (including breeding sites around, under and on exterior surfaces of buildings, window frames, eaves, porches, gazebos, decks, carports and garages, garbage cans, stagnant water, moist and / or shaded areas and fence lines).

**INDOOR AND OUTDOOR CONTROL OF LISTED CRAWLING INSECTS
(Including Fleas, Ticks, Beetles and other Listed Insects)**

This product will decrease the number of eggs laid by treated adults as well as reduce hatch rates and inhibit development into normal adults. For immediate control of adult insects while inhibiting development of insects in the immature stages, tank mix this product with an insecticide that kills adult insects. Be sure to read and follow the instructions in the **FOOD HANDLING ESTABLISHMENTS** section of this label if applying to areas used to process food.

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Application Type	Application Rate	Instructions
Preventive Flea Treatment	4mL – 8mL per gallon of water (or sufficient water to get adequate coverage) Treats 1,500 square feet	Indoor treatments of this product will provide up to seven months of residual flea control. Prior to the flea season, apply to areas that pets and other animals live and where infestations have been known to occur in the past. Apply as a surface application at the recommended rate.
General Surface Applications (Including Broadcast, Spot and Crack & Crevice)	4mL – 12mL per gallon of water (or sufficient water to get adequate coverage) Treats 1,500 square feet	Use the lower rate listed for most normal conditions and use up to the higher rate listed when applying to populations that are difficult to control or when applying in conditions that make it difficult to control target pests. Be sure to treat all areas where insects live and breed such as areas where pets sleep, furniture, carpets and throw-rugs. When treating upholstered furniture, treat under pillows and cushions. Do NOT allow pets or children to enter treated areas until spray had dried completely.
Application with Carpet Shampoo	4mL per gallon of diluted shampoo	Use only with liquid, non-heat extracting carpet shampoo equipment. Mix this product with the diluted shampoo and shampoo carpet as per instructions on the shampoo product label. Allow carpet to completely dry and vacuum thoroughly.
Kennels and Doghouses	4mL – 12mL per gallon of water (or sufficient water to get adequate coverage) Treats 1,500 square feet	Apply as a surface application using the lower rate listed for most normal conditions up to the higher rate listed when applying to populations that are difficult to control or when applying in conditions that make it difficult to control target pests. Be sure to remove animals prior to application, and apply to all surfaces that the animal inhabits including walls and floors in and around buildings, run areas and bedding. Do NOT allow pets or children to enter treated areas until spray has dried completely.
Space Spray, Void Injection, ULV and Fog Applications	1mL per 1,000 Cu. Ft. of space to be treated.	Be sure to follow the FOG AND ULV APPLICATIONS (INCLUDING SPACE SPRAY AND VOID INJECTION) instructions in the General Application Instructions section of this label. Apply to all areas where the insects are known to live and / or breed.
Outdoor Applications	4mL-12mL per gallon of water (or sufficient water to get adequate coverage) Treats 1000 square feet	Apply as a surface application using the lower rate listed for most normal conditions up to the higher rate listed when applying to populations that are difficult to control or when applying in conditions that make it difficult to control target pests. Applications to soil will provide 30-60 days of residual IGR activity that depends on the weather

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	<p>Power Sprayer Rate: 18mL – 56mL per 50 gallons of water</p>	<p>conditions and type of soil.</p> <p>Remove any animals from the application areas and apply to surfaces where insects live, travel and breed. To prevent infestations of buildings, treat exteriors, surfaces adjacent to building and foundations.</p>
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CONTROL OF LISTED COCKROACHES AND CRICKETS

This product will prevent cockroaches and crickets in the nymph stages from developing into reproductive adults, with a single treatment providing 6 months of residual effects. To control adults, this product may be used with insecticide baits for cockroaches and crickets. Be sure to read and follow the instructions in the **FOOD HANDLING ESTABLISHMENTS** section of this label if applying to areas used to process food.

Application Type	Application Rate	Instructions
<p>General Surface Applications (Including Broadcast, Spot and Crack & Crevice)</p>	<p>12mL per gallon of water Treats 1,500 square feet</p>	<p>When spraying, be sure to contact as many insects as possible with the spray and to treat all areas where insects live and breed such as around garbage cans, beneath and behind appliances, sinks and cabinets, floors and along baseboards and door and window frames, along and around pipes and plumbing and in and around storage and utility areas.</p> <p>Applications may be made every six months, or more frequently if necessary. This product may be tank mixed with an insecticide that controls adults for immediate results.</p>
<p>Space Spray, Void Injection, ULV and Fog Applications</p>	<p>1mL per 1,000 Cu. Ft. of space to be treated.</p>	<p>Be sure to follow the FOG AND ULV APPLICATIONS (INCLUDING SPACE SPRAY AND VOID INJECTION) instructions in the General Application Instructions section of this label.</p> <p>Apply to all areas where the insects are known to live and / or breed. This product may be tank mixed with an insecticide that controls adults for immediate results.</p>
<p>Outdoor Applications</p>	<p>12mL per gallon of water (or sufficient water to get adequate coverage) Treats 1000 square feet</p> <hr/> <p>Power Sprayer Rate: 56mL per 50 gallons of water</p>	<p>Apply as a surface application to, around and beneath all surfaces where insects live, travel and breed (including breeding sites around, under and on exterior surfaces of buildings, window frames, garbage cans, compost areas, patios and decks, and doors).</p> <p>When applying to building perimeters, spray a band 2-6 feet around the perimeter and 2-3 feet up the foundation of the building.</p>

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CONTROL OF ANTS

Apply this product as part of an integrated approach to control ants. To control adults, this product may be used with insecticide baits for cockroaches and crickets. Be sure to read and follow the instructions in the **FOOD HANDLING ESTABLISHMENTS** section of this label if applying to areas used to process food.

Application Type	Application Rate	Instructions
Indoor General Surface Applications	12mL per gallon of water Treats 1,500 square feet	Apply to interior areas where ants are actively traveling and / or foraging as a broadcast, spot or crack and crevice treatment.
Outdoor Applications	12mL per gallon of water (or sufficient water to get adequate coverage) Treats 1000 square feet	Apply as a surface application to, around and beneath all surfaces where insects live, travel and breed. When applying to building perimeters, spray a band 2-6 feet around the perimeter and 2-3 feet up the foundation of the building. For ant mounds, apply directly as a wetting spray.
	Power Sprayer Rate: 56mL per 50 gallons of water	This product may be tank mixed with an insecticide that controls adults for immediate results.

CONTROL OF LISTED STORED PRODUCT PESTS

(Including Indian Meal Moths, Rice Moths, Tobacco Moths, Red Flour Beetles, Confused Flour Beetles, Lesser Grain Borers, Merchant Grain Beetles, Sawtooth Grain Beetles, Warehouse Beetles, Cigarette Beetles, Dermestid Beetles)

Be sure to read and follow the instructions in the **FOOD HANDLING ESTABLISHMENTS** section of this label if applying to areas used to process food.

Application Type	Application Rate	Instructions
Indoor General Surface Applications	8mL – 12mL per gallon of water Treats 1,500 square feet	<p>Use the lower rate listed for most normal conditions and use up to the higher rate listed when applying to populations that are difficult to control or when applying in conditions that make it difficult to control target pests.</p> <p>When spraying, be sure to contact as many insects as possible with the spray and to apply as a spot treatment, surface application or crack and crevice spray to all locations where the pest breeds, lives and travels (such as at the base of machinery and equipment, under and between pallets, under furniture, under appliances, and openings in floors and walls and along baseboards).</p> <p>If exposed food is covered or removed from the area being treated prior to application, this product may be applied as a non-volatile spot and/or crack and crevice treatment while a food processing facility is in operation.</p> <p>Applications may be made every six months, or more frequently if necessary. This product may be</p>

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		tank mixed with an insecticide that controls adults for immediate results.
Space Spray, Void Injection, ULV and Fog Applications	1mL per 1,000 Cu. Ft. of space to be treated.	Be sure to follow the FOG AND ULV APPLICATIONS (INCLUDING SPACE SPRAY AND VOID INJECTION) instructions in the General Application Instructions section of this label. Apply to all areas where the insects are known to live and / or breed. This product may be tank mixed with an insecticide that controls adults for immediate results.

USES IN LIVESTOCK, POULTRY AND ANIMAL PRODUCTION

**CONTROL OF INSECT PESTS IN AND AROUND LIVESTOCK, POULTRY AND OTHER ANIMAL HOUSING AND FACILITIES
(Including Kennels, Animal Shelters, Stables, Dairies and Zoos)**

Pest control professionals and livestock / poultry producers may apply this product in, on and around animal housing and facilities to control listed insect pests by disrupting the reproductive cycle of insects. This product will not harm beneficial insects (such as predatory wasps) when used as directed, and may be used in an IPM program as well as to prevent or control resistant insect populations (such as Tempo resistant flies).

This product may be applied as a spot treatment, crack and crevice application, general surface broadcast treatment or ULV / fog to interior and exterior areas where insect pests live and breed. Be sure to not contaminate food, feed, potable water or watering equipment. Animals must be removed from the immediate area being treated, and may return once the spray solution has dried thoroughly.

GENERAL INSTRUCTIONS FOR INTERIOR AND PERIMETER APPLICATIONS

Treat wherever insects live, travel or breed including vertical walls, ceilings, posts, pipes, conduit, around doors and windows, cages, stalls, stanchions, floors, under watering equipment and feeders, cracks and crevices along floors, animal bedding, manure and other known or potential breeding sites.

For best results clean facilities prior to treatment and make exterior perimeter treatments by applying to structures in a uniform band at least 1 foot up and 6 - 10 feet out from foundation. Apply around the exterior surfaces of doors and windows, overhead areas and other potential points of harborage or entry, being certain to treat the area beneath the floor if the floors are raised with soil or debris beneath them.

GENERAL INSTRUCTIONS FOR EXTERIOR AND OUTDOOR APPLICATIONS

Treat breeding sites such as garbage cans or refuse piles, around grain or feed storage facilities, soil and vegetation in fence lines, compost piles, manure piles, beneath watering equipment or feeders, in, around and under calf hutches, in and beneath outdoor cages, in corrals, farmyards and feed lots. Reapply every 30 days, or when pest populations return to a level that causes impact.

Target Pest / Application Type	Application Rate	Instructions
Mosquitoes and Other Flying Insects	4mL – 12mL per gallon of water (or sufficient water to get adequate coverage) Treats 1,500 square feet	This product will decrease the number of eggs laid by treated adults as well as reduce hatch rates and inhibit development into normal adults, reducing adult fly populations after 3-4 weeks. Use the lower rate listed for most normal conditions and use up to the higher rate listed when applying to populations that are difficult to control or when applying in conditions that make it difficult to control target pests.

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Target Pest / Application Type	Application Rate	Instructions
		Apply as a coarse spray to locations where the insects are known to live as well as known and suspected breeding sites (such as moist areas with decaying organic matter). For immediate control of adult insects while inhibiting development of insects in the immature stages, tank mix this product with an insecticide that kills adult insects.
Crawling Insects	4mL – 12mL per gallon of water (or sufficient water to get adequate coverage) Treats 1,500 square feet	Apply as a coarse spray to all locations where the insects are known to live as well as known and suspected breeding sites. Do NOT apply to the point of runoff.
Space Spray, Void Injection, ULV and Fog Applications	1mL per 1,000 Cu. Ft. of space to be treated.	<p>Be sure to follow the FOG AND ULV APPLICATIONS (INCLUDING SPACE SPRAY AND VOID INJECTION) instructions in the General Application Instructions section of this label.</p> <p>Apply to all areas where the insects are known to live and / or breed. This product may be tank mixed with an insecticide that controls adults for immediate results. When tank mixing with a pyrethrum fogging concentrate, mix directly with the pyrethrum fogging concentrate solution.</p> <p>Do not remain in treated area and keep facility closed for one hour after fogging. Prior to re-entry, be sure to thoroughly ventilate the application areas.</p>
Interior and Perimeter Applications	4mL – 12mL per gallon of water (or sufficient water to get adequate coverage) Treats 1,500 square feet	<p>Use the lower rate listed for most normal conditions and use up to the higher rate listed when applying to populations that are difficult to control or when applying in conditions that make it difficult to control target pests.</p> <p>When spraying, be sure to contact as many insects as possible with the spray and to apply as a spot treatment, surface application or crack and crevice spray to all locations where the pest breeds, lives and travels (such as at the base of machinery and equipment, under and between pallets, under furniture, under appliances, and openings in floors and walls and along baseboards).</p> <p>If exposed food is covered or removed from the area being treated prior to application, this product may be applied as a non-volatile spot and/or crack and crevice treatment while a food processing facility is in operation.</p> <p>Applications may be made every six months, or more frequently if necessary. This product may be tank mixed with an insecticide that controls adults for immediate results.</p>

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CONTROL OF LITTER BEETLES (Including Darkling, Hide and Carrion Beetles)

Apply this product to litter (such as in poultry houses) infested with litter beetles. When used as directed, it will not harm beneficial insects like predatory wasps in animal litter or bedding. For best results, remove all animals and old litter from the treatment areas. Surface treatments immediately after animals are removed and again just prior to new animal placement are most effective. Adult egg-laying beetles can be killed with an adulticide such as CYZMIC CS, OPTIMATE CS or PYROFOS CS Microencapsulated insecticides. Application of adulticide to walls and floors at cleanout, before reintroduction of animals, will suppress beetles that escaped earlier treatment and will help delay onset of future infestations. Pay attention to areas where beetles frequently occur, such as walls, supports, cages, stalls and around feeders.

Apply at a rate of 4mL – 12mL per 1,500 square feet of surface in sufficient volume of water to thoroughly wet the surface (but NOT to the point of runoff). Use the higher recommended concentrations for insect populations that are difficult to control or in conditions that make it difficult to achieve desired results. Spray evenly to floor area and to walls, posts, and cage framing (birds grown in cages only), and into cracks and crevices around insulation. Reapply after each grow-out or sanitization procedure.

Maintaining a year-round treatment program will prevent background populations from reaching problem levels, and indoor control can be enhanced by making perimeter treatments around the outside of building foundations to prevent adult beetles from (re)entering. For perimeter treatments, apply this product tank mixed with an insecticide listed to control adults in a uniform band at least 1 foot up and 6 - 10 feet out from the structure's foundation.

CONTROL OF MOSQUITO LARVAE

Do NOT use in natural holding waters or active waterways.

Do NOT use for wide-area mosquito control.

Do NOT apply using truck mounted sprayers or aerial application equipment.

This product is effective against immature life stages of mosquitoes. To kill adult mosquitoes, tank mix or use in conjunction with an insecticide labeled for use on adult mosquitoes.

RESIDENTIAL AND COMMERCIAL SITES:

Apply at a rate of 4mL – 12mL per 1,500 square feet in sufficient amount of water to get good coverage of target site using a backpack sprayer, ULV cold fogger, compressed air sprayer, power sprayer or hand-held sprayer. Use the higher application rates for insect populations that are difficult to control or in conditions that make it difficult to get control target pests. For power sprayers, use a rate of 16mL – 48mL per 50 gallons of water.

Treat areas where mosquitoes live and breed, particularly moist and shady areas in and around trees, shrubs, landscape plants, tall grass or plant foliage, standing water, gutters, drains, under decks, in-ground sprinkler heads, pet areas, fountains, birdbaths, landscape timbers, rocks, pavers, planters and fences.

This product may be tank mixed with an insecticide labeled for use on adult mosquitoes for immediate control of biting adults while inhibiting successful development of immature mosquitoes. Reapply every 28 days or when insect populations reach treatment threshold levels.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place. Always store pesticides in the original container. Store away from food and pet food.

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container.

If empty: Place in trash or offer for recycling if available.

If partially filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Direction for Use of this Product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Envincio LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Envincio LLC and Seller harmless for any claims relating to such factors.

Envincio LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Envincio LLC, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, ENVINCIO LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law Envincio LLC or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. To the extent consistent with applicable law, **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ENVINCIO LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ENVINCIO LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Envincio LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Envincio LLC.

NyGuard is a registered trademark of McLaughlin Gormley King Company.

[EPA approval date]

OPTIONAL MARKETING STATEMENTS:

[] OR () indicates alternate or optional wording:

[Emulsifiable Concentrate with Insect Growth Regulator for Control of Fleas, Stored Product Pests, Listed Roaches, Crickets, Litter Beetles, and Flying Insects]

[Stops the cycle of insect reproduction to control Fleas, Stored Product Pests, Listed Roaches, Crickets, Litter Beetles, and Flying Insects]

This product is an insect growth regulator similar to the naturally occurring insect growth hormones which interferes with [stops] their growth or development

This product stops [prevents] the flea and certain listed cockroaches from developing into egg laying adults.

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This product can be used as part of an integrated pest management [IPM] program

This product can be a biorational approach to insect control

This product keeps working in areas exposed to the sun for up to 14 days

Continuous protection against stored product pests for 3 months.

Labeled for use in food areas of food handling establishments.

Labeled for Spot, Crack and Crevice, and Fogging use in food handling establishments.

Inhibits reinfestation by fleas for up to (210 days) [30 weeks] [7 months)

If adult fleas are introduced from untreated areas, their offspring will not become biting [reproductive] adults

Kills pre-adult [larval] fleas, including eggs for [210 days] [30 weeks] [7 months]

Prevents larval fleas from developing into the biting adult stage

Prevents [stops] hatching fleas [preadult (larval) fleas] (eggs (hatching eggs) (larvae)) from becoming full grown [developing into] biting adults

One treatment works for [210 days] [30 weeks] [7 months] against hatching fleas [preadult (larval) fleas] [eggs (hatching eggs) (larvae)]

Prevents new [tomorrow's] fleas from growing up to bite

This product keeps working for [210 days] [30 weeks] [7 months]

Effective long term control

Controls [stops (kills) (prevents)] stages of fleas that don't resemble fleas

Prevents [stops] the emergence of adult fleas

Flea eggs deposited on treated areas will not develop into adult fleas

Larvae crawling onto treated areas will not develop into adult fleas

This product acts on the immature life stage of the flea, preventing it from developing into biting adults

Prior to the flea season, previously known infested areas can be pretreated to reduce the developing population

This product can be used alone or in combination with other insecticides and as an aid to prevent the development of insecticide resistance

This product is photostable for up to 14 days, providing residual control of outdoor pests such as fleas and cockroaches, even in areas with direct sunlight

Reduces egg production in houseflies and prevents development of larvae (maggots) into adults

Effectively breaks certain listed cockroach life cycle

This product keeps working on listed cockroaches for 180 days [26 weeks] [6 months]

Works with nature to interrupt [break] the life cycle of listed cockroaches

Inhibits reinfestation by listed cockroaches for up to 180 days [26 weeks] (6 months)

Effectively controls [eliminates] listed cockroach populations by preventing reproduction [thereby eliminating future generations] Prevents [stops] [inhibits] listed nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults]

One treatment stops listed cockroaches from generating reproductive offspring for [180 days] [28 weeks] [6 months]

[Can be used in Food areas of food handling establishments.]

[For Use Indoors and Outdoors.]