



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

March 6, 2008

Ms. Julie B. Schlekau, Registration Specialist
McLaughlin Gormley King Company
8810 Tenth Avenue North
Minneapolis, MN 55427-4319

**Subject: Label Amendment, Change of Basic Formulation
MGK® NYLAR® 10EC, EPA Reg. No. 1021-1603
Your Submission Dated November 12, 2007**

Dear Ms. Schlekau:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following provision(s):

General Statement:

1. Delete all text throughout the label marked with "strikethrough."
2. You should revert from 12 to 11 mL of concentrate per 1,500 square feet unless you can justify the increase in the application rate for this product.

Marketing Claims section comment(s):

3. Replace the 1st marketing claim with: "Insect Growth Regulator breaks the cycle of insect reproduction to control Fleas, Stored Product Pests, Cockroaches, Mosquitoes, Flies and other listed insect pests."
4. In the 3rd marketing claim, delete the words "with nature."
5. Delete the 5th marketing claim since it is an implied safety claim.

First Aid Statement section comment(s):

6. Replace the last row of the First Aid Statement (table) with:

Have the product container or label with you when calling a poison control center, doctor or veterinarian, or going for treatment. **For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may 1-888-740-8712.**

Precautionary Statements, Hazard to Humans and Domestic Animals section comment(s):

7. Replace the 2nd and 3rd sentences with: "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."

Directions for Use section comment(s):

8. In the 2nd sentence of the 1st paragraph on the bottom right side of page 1 of 8, replace the word "target" with the word "listed."
9. In the 1st sentence of the 5th paragraph on the top left side of page 2 of 8, replace the word "infirm" with the word "infirmated."
10. In the 3rd sentence of the 5th paragraph on the top left side of page 2 of 8, replace the word "well" with the word "thoroughly."
11. Delete the use sites that have been marked with "strikethrough" on page 2 of 8. These sites are: (1) Not supported by any submitted data; (2) Were not on the previously approved label for this product; and (3) Not cited as being on a similar product label.
12. Delete the listed insect pests that have been marked with "strikethrough" on page 3 of 8. These pests are not supported by any submitted data and were not on the previously approved label.
13. In the **Integrated Pest Management In Schools** subsection on the bottom right side of page 4 of 8, replace the 1st sentence from the 3rd paragraph with: "NYLAR 10EC [or brand name] may be used in Schools and Day Care Facilities."
14. In the **Integrated Pest Management In Schools** subsection on the bottom right side of page 4 of 8, replace the 6th sentence from the 3rd paragraph with: "If application is a ULV Fog or space spray, re-entry may occur after the treated area has been thoroughly ventilated."
15. At the end of the TREATING ESTABLISHED INFESTATIONS:, General Surface Application: subsection on the bottom left side of page 5 of 8, insert the following text at the end of this section: "Do not allow children or pets to contact treated surfaces until spray has thoroughly dried."
16. In the 5th sentence of the TREATING ESTABLISHED INFESTATIONS:, In Kennels and Doghouses: subsection on the bottom left side of page 5 of 8, insert the word "thoroughly" immediately preceding the word "dried."
17. In the 1st paragraph from the **Use in Livestock, Poultry and Animal Production** subsection on the top right side of page 6 of 8, insert the word "flying" immediately preceding the word "insect" in the 1st sentence.
18. In the 2nd paragraph from the **Use in Livestock, Poultry and Animal Production** subsection on the top right side of page 6 of 8, insert the word "thoroughly" immediately preceding the word "dried" in the 3rd sentence.
19. In the 6th sentence of the Space Spray, Void Injection, ULV and Fog Application: subsection on the bottom right side of page 6 of 8, insert the words "and thoroughly" immediately preceding the word "ventilate."

Storage and Disposal Statement section comment(s):

20. Replace this section with:

STORAGE AND DISPOSAL

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

Pesticide Storage: Store this product in a cool dry area. Keep this product in a tightly closed container.

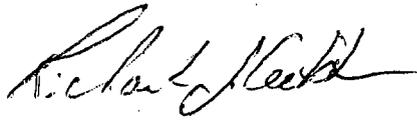
Disposal: If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partially filled: Call your local solid waste agency or [toll free number which meets the criteria listed in paragraph II.E of PR Notice 2001-6] for disposal instructions. Never place unused product down any indoor or outdoor drain.

A copy of your label stamped "Accepted with Comments" is enclosed for your records. Please submit two (2) copies of the final printed labeling, incorporating the above changes, before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions.

A copy of your label stamped "Accepted with Comments" is enclosed for your records along with hard copies of the efficacy, acute toxicity and product chemistry reviews for this product.

If you have any questions about this label review, please contact Mr. Carmen Rodia at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov.



Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7505P)

*Enclosure: Copy of label stamped "Accepted with Comments"
Copy of Acute Toxicity Review, dated March 4, 2008
Copy of Product Chemistry Review, dated February 5, 2008*



McLAUGHLIN
GORMLEY
KING COMPANY

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4319 U.S.A. - Telephone (763) 544-0341

[] OR () indicates alternate or optional wording

1 Insect Growth Regulator breaks the cycle of insect reproduction to control of Fleas, Stored Product Pests, Cockroaches, Mosquitoes, Flies and other insects and related pests.

2 [Labeled for use in food areas of food handling establishments.]

3 [Works with nature to break the life cycle of listed insects.]

4 [Effective Indoors and Outdoors.]

5 [~~A "Least toxic" pesticide for Integrated Pest Management in Schools.~~]

| | |
|---|---------|
| ACTIVE INGREDIENT: | |
| 2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine [Pyriproxyfen]..... | 10.00% |
| OTHER INGREDIENTS | 90.00% |
| | 100.00% |

NYGUARD®, NYLAR®, and MGK® - Registered trademarks of McLaughlin Gormley King Company

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. |

NOTE TO PHYSICIAN: 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. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

Net Contents _____

Manufactured by:

Mc LAUGHLIN GORMLEY KING COMPANY

8810 Tenth Avenue North

Minneapolis, MN 55427

EPA Reg. No. 1021-1603

EPA Est. No. 1021-MN-2

ACCEPTED
with COMMENTS
In EPA Letter Dated
March 6, 2008
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
1021-1603

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, or using tobacco. 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

GENERAL INFORMATION

NYLAR 10EC [OR BRAND NAME] is a non-repellent Juvenile Hormone (JH) Mimic. It disrupts the normal development of the immature life stages of target insects, with either complete or incomplete metamorphosis, preventing successful development of the adult stage. Depending upon the insect species and life stage at the time of exposure, the observed results can include: decreased egg viability, sterile adult insects incapable of reproduction, suspension of insect in immature life stages, reduced fitness of insect, behavioral changes, reduced egg production, morphological defects - deformed insects and death. When used in an Integrated Pest Management (IPM) program, NYLAR 10EC [OR BRAND NAME] breaks the reproductive cycle of listed insects, and aids in the prevention of insect resistance.

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For best results, follow directions for specific use areas.
Do not use this product in or on electrical equipment due to possibility of shock hazard.
Avoid excessive wetting of carpet, draperies and furniture.

STAINING: NYLAR 10EC [or brand name] is generally non-staining. If staining is a concern, test final spray solution in an inconspicuous area prior to use, as some fibers or surfaces (such as vinyl siding) may be adversely affected by an application of this, or any liquid product.

Prior to using in commercial or residential food areas, please refer to the Food Handling Establishment Applications section of the label. The preparations prior to treatment and the clean up after application described are also to be followed for residential use.

In hospitals, nursing homes or in any rooms occupied by the elderly or infirm, remove patients before treating rooms. If application is done as a surface spray, or crack and crevice application, patients may re-enter once the spray has dried. If application is a ULV Fog or space spray, patients may return to the room after it has been well ventilated.

In institutions (including libraries, sports facilities etc.) applications may be made while the facility is in use, provided treatment is not made in the immediate area where people are present.

USE SITES:
NYLAR 10EC [or brand name] is effective when used in both indoor and outdoor areas such as:

| | | |
|-----------------------------|------------------------------|---------------------------|
| Agricultural Buildings | Buscs | Cupboards |
| Aircraft (cargo areas only) | Cabinets | Dairies |
| Animal Quarters | Cabins | Day Care Centers |
| Animal Housing Facilities | Cafeterias | Decks |
| Animal Research facilities | Calf Hutches | Delicatessens |
| Apartment Buildings | Campers | Dens |
| Apartments | Campsites | Detention Centers |
| Appliances | Candy Plants | Dining Halls |
| Assisted Living Facilities | Meat & Produce Canneries | Dog Houses |
| Atriums | Cargo Holds | Dog Kennels |
| Attics | Carpets | Dog Runs |
| Automobiles | Casinos | Dormitories |
| Backyards | Cereal Processing Facilities | Drains |
| Bakeries | Cemeteries | Draperies |
| Barns | Cesspools | Dressers |
| Bathrooms | Chests | Drive-Ins |
| Basements | Child Care Centers | Drugstores |
| Bed Frames | Closed Porches | Egg Production Facilities |
| Bedrooms | Closets | Equipment |
| Boats | Clothes Storage | Equipment Voids |
| Boiler Rooms | Coffee Houses | Fabric Storage Areas |
| Bookshelves | Colleges | Factories |
| Bottling Facilities | Commercial Buildings | Farm Buildings |
| Boxcars | Compost | Farms |
| Box Springs | Composting Sites | Farmyards |
| Breweries | Condominiums | Feedlots |
| Building Exteriors | Convenience Stores | Floors |
| Building Foundations | Crawl Spaces | Flour Mills |

| | | |
|------------------------------------|---------------------------------|--|
| Building Perimeters | Crematoriums | Food Handling Areas |
| Food Packing Plants | Mausoleums | Ship Cargo Holds |
| Food Processing Plants | Meat Processing Plants | Shutters |
| Food Storage Areas | Mess Halls | Side Yards |
| Food Warehouses | Mobile Canteens | Soil |
| Foundations | Mobile Homes | Solariums |
| Funeral Parlors | Morgues | Spas |
| Furniture | Mortuaries | Spill Containment Dikes |
| Garages | Motels | Sports Stadiums |
| Garbage Areas | Mulch | Stagnant Water |
| Garbage Cans | Nursing Homes | Stored Food Areas |
| Gas Stations | Office Buildings | Stored Food Warehouses |
| Gazebos | Offices | Stores |
| Grain Storage Facilities | Other Public Buildings | Storage Areas |
| Grass | Outdoor Eating Establishments | Stockyards |
| Grocery Stores | Ornamental Fountains | Sun Rooms |
| Headboards | Ornamental Plants | Sun Porches |
| Health Clubs | Ornamental Ponds | Supermarkets |
| Homes | Pantries | Swine Production Facilities |
| Hospices | Parks | Taverns |
| Hospitals | Patios | Theaters |
| Hotels | Pet Areas | Tire Piles |
| Indoor Eating Establishments | Pet Bedding | Tobacco Plants and Warehouses |
| Industrial Buildings | Pet Carriers | Town Houses |
| Industrial Plants | Pet Grooming Parlors | Trailers |
| Institutional Dining Areas | Pet Sleeping Areas | Trains |
| Institutional Buildings | Pet Stores | Transportation Vehicles |
| Institutions | Pet Quarters | Tree Houses |
| Jails | Play Houses | Trucks |
| Kennels | Play Rooms | Universities |
| Kitchens | Porches | Upholstered Furniture |
| Laboratories | Poultry Houses | Utility Room Indoor |
| Lanais | Prisons | Utility Room Outdoor |
| Landscape Plants | Public Buildings | Vending Machines |
| Landscaping | Railroad Cars | Verandas |
| Lawns | Recreational Areas Indoors | Veterinaries |
| Libraries | Recreational Areas Outdoors | Warehouses |
| Livestock Housing | Recreation Vehicles | Washrooms |
| Livestock Production Facilities | Recycling Centers | Wastewater treatment facilities |
| Living Rooms | Refuse Areas | Yards |
| Locker Rooms | Residential Homes | Zoos. |
| Manufacturing Plants | Restaurants | |
| Manure | Rooms | |
| Manure Piles | Rugs | |
| Manure Pits and Lagoons | Schools | |
| Marine Vessels | Septic Tanks | |
| Mass Merchandising Stores | Scrap Yards | |
| Mattresses | Ships | |

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Pests in the Orders Acari, Anoplura, Blattodea, Coleoptera, Dermaptera, Diptera, Heteroptera, Hymenoptera, Lepidoptera, Orthoptera, Psocoptera, Siphonaptera, as well as certain other orders are susceptible in varying degrees to NYLAR 10EC [or brand name]'s active ingredient. Specific pests that NYLAR 10EC [or brand name] has shown to significantly disrupt the life cycle are:

| | | |
|-------------------------|-------------------------------|----------------------------------|
| Almond Moths | Drugstore Beetles | Merchant Grain beetles |
| American Cockroaches | Earwigs | Midges |
| Angoumois Grain Moths | Elm Leaf Beetles | Mosquitoes |
| Ants | Face Flies | Moths |
| Asian Cockroaches | Field Cockroaches | Oriental Cockroaches |
| Asian Lady Beetles | Filter Flies | Pennsylvania Wood Cockroaches |
| Australian Cockroach | Fleas | Phorid Flies |
| Beetles | Flies | Psocids |
| Black Carpet Beetles | Florida Stinkroach | Red Flour Beetles |
| Booklice | Fruit Flies | Rice Moths |
| Bottle Flies | Fungus Gnats | Rice Weevil |
| Boxelder Bugs | German Cockroaches | Saw-tooth Grain Beetles |
| Brown Cockroaches | Granary Weevils | Sewage Flies |
| Brownbanded Cockroaches | Ground Beetles | Silverfish |
| Cheese Skippers | Hide Beetles | Small Dung Flies |
| Cigarette Beetles | Horntails | Smoky Brown Cockroaches |
| Cinereous Cockroaches | House Flies | Stable Flies |
| Clothes Moths | Horn Flies | Surinam Cockroaches |
| Cockroaches | Indian Meal Moths | Ticks |
| Confused Flour Beetles | Khapra Beetles | Tobacco Moths |
| Copra Beetles | Lesser Grain Borers | Turkestan Cockroaches |
| Crickets | Lesser House Flies | Vinegar Flies |
| Darkling Beetles | Litter Beetles | Warehouse Beetles |
| Deer Ticks | Lone Star Ticks | Weevils |
| Dermeid Beetles | Madeira Cockroaches | |
| Drain Flies | Mealworms | |

GENERAL MIXING INSTRUCTIONS:

Mix concentrate with water and apply with equipment capable of delivering coarse wetting surface spray, fogging (space spray / mist), spot, crack and crevice spray applications, professional foam applicator or with a paintbrush, roller or similar device. Partially fill the sprayer with water, add required amount of concentrate in sprayer, agitate and fill to final volume. Agitate before each spray.

Tank mixing: NYLAR 10EC [or brand name] may be tank mixed with other registered pest control products, unless either product label prohibits tank mixing. Use the resulting tank mixture in accordance with the more restrictive label limitations and precautions of the mixed products. Make applications in accordance with those label instructions that are consistent for each product. To prepare the tank mix, add the tank mix partner first and make sure it is well mixed and in suspension, then add the correct amount of NYLAR 10EC [OR BRAND NAME] according to the label instructions below.

Do not tank mix with Vapona or Malathion. These products are antagonistic to NYLAR 10EC [or brand name]'s active ingredient.

GENERAL APPLICATION INSTRUCTIONS:

Use NYLAR 10EC [or brand name] both indoors and outdoors as a general surface spray, ULV/fog or space spray application, spot treatment or crack and crevice application. Application may be made using power sprayers, hand pump sprayers, void injectors, in carpet shampoo, using a paintbrush, roller, professional foam applicator, or similar device.

SURFACE APPLICATIONS: Apply diluted spray as a spot treatment, broadcast surface application and crack and crevice spray. Thoroughly treat areas where insects travel, breed, rest, hide or harbor. Special attention should be paid to applying spray solution to harborage and hiding places where conditions support insect population growth and reproduction.

ULV AND FOGGING APPLICATION INSTRUCTIONS, INCLUDING SPACE SPRAY AND VOID INJECTION:

NYLAR 10EC [OR BRAND NAME] may be applied as a fog or an ultra-low volume (ULV) application with equipment such as Foggers, ULV equipment, mechanical misting sprayers or aerosol generators. To prepare the fogging solution, follow the equipment manufacturer's solution preparation instructions. For fogging applications, NYLAR 10EC [OR BRAND NAME] may be diluted with water or an approved petroleum distillate. Apply at a rate of 1 ml of NYLAR 10EC [OR BRAND NAME] per 1,000 cubic feet of space to be treated. Remove all persons from the area to be treated. Close area to be treated. Shut off ventilation systems. Apply the product in the air and direct fog or mist toward all areas that may harbor target pests. After treatment, leave the room closed for 30 minutes or longer, as recommended by the labels of other products that may be tank mixed with NYLAR 10EC [or brand name]. Do not remain in treated area after fogging application is completed. Ventilate before re-entry.

To Treat Voids in Equipment and Structures with ULV and Fog injection systems (void injectors): Apply to harborage sites in wall voids and other inaccessible spaces in equipment and structures using injection equipment designed for deep void ULV (Ultra Low Volume) applications. Follow the injection equipment manufacturer's recommendations for the proper set up and air pressures. Place the applicator tip at or into the void space or crack and crevice to be treated. Apply in short bursts while keeping the tip in position. Allow the air stream to push the material deep into the space. For applications along baseboards, trim, molding, etc. move applicator tip along the crevice to be treated, applying a constant burst of material. Move the tip at a steady rate of one foot per second. Avoid applying to the point of runoff or drip. Ventilate area thoroughly before re-entry.

FOOD HANDLING ESTABLISHMENT APPLICATIONS

Apply NYLAR 10EC [OR BRAND NAME] as a general surface spray, space spray, spot and crack and crevice treatment in both food and non-food areas of food handling establishments where food and food products are held, processed, prepared and served. It also includes areas where food items are: received, prepared, packaged, and stored, as well as enclosed food processing systems (mills, dairies, etc.). Prior to application, remove or cover all food items in area to be treated. Do not apply directly to food or food-handling surfaces. In the home all food-processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Food contact surfaces should be thoroughly washed with an effective cleaning compound and rinsed with potable water after use of the product.

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SPOT OR CRACK & CREVICE APPLICATION

Since active ingredient is stable and not volatile, spot, and/or crack and crevice treatment may be used while the facility is in operation, provided exposed food is covered or removed from the area being treated prior to application.

SPACE SPRAY AND GENERAL SURFACE APPLICATION

Space and general surface application may be used only when the facility is not in operation provided exposed food is covered or removed from the area being treated prior to application.

PANTRY/CABINETS, 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. Prior to spraying, remove all food containers and foodstuffs. Do not replace food containers or foodstuffs until spray has dried.

STORED FOOD WAREHOUSES

Apply NYLAR 10EC [OR BRAND NAME] as a general surface spray, fog, spot, or crack and crevice treatment in warehouses where packaged food items are stored in such a way that direct contact with the foodstuff is not anticipated.

Integrated Pest Management in Schools:

The health of school residents and long-term suppression of pests must be the primary objectives that guide pest control in school settings. To accomplish these objectives an IPM program must always look for alternatives first and use pesticides only as a last resort. There are many chemical products to choose from that are relatively benign to the larger environment and at the same time effective against target pests. ~~These "Least toxic" pesticides are those with all or most of the following characteristics: they are effective against the target pest, have a low acute and chronic toxicity to mammals, biodegrade rapidly, kill a narrow range of target pests, and have little or no impact on non target organisms. Insect Growth Regulators (IGRs) are a type of "Least toxic" pesticide. IGRs disrupt the normal growth and development of insects. Since humans and other mammals don't metamorphose as insects do, our bodies do not recognize juvenile hormones. The active ingredient in this concentrate is stable and not volatile, so spot and crack and crevice treatments will not cause unintended exposure via post application movement in the air.~~

Consult the EPA Document: *IPM for Schools: A How-to Manual* to learn more. This and other resource materials are available at www.epa.gov/pesticides/ipm/.

NYLAR 10EC [or brand name] may be used in Schools, Day Care Facilities and similar sensitive situations. Unless it is an emergency situation, applications should be performed when only maintenance staff are present and the building is otherwise unoccupied. Do not apply to classrooms while in use. Vacate rooms prior to treatment. If application is a surface spray, spot or crack and crevice application, re-entry may occur once the spray has dried. If application is a ULV Fog or space spray, re-entry may occur following ventilation.

Always consult Federal, State and Local governing bodies to understand any and all requirements prior to application.

Rate Chart

| Amount of NYLAR 10EC [or brand name] per gallon of water to treat 1,500 sq. ft. | Amount of NYLAR 10EC [or brand name] per unit area | |
|---|--|--------------|
| | 1,000 sq. feet | 1,500 sq. ft |
| 4 mL per gallon (0.01%) | 3 mL | 4 mL |
| 8 mL per gallon (0.02%) | 5.5 mL | 8 mL |
| 12 mL per gallon (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% |

FOR INDOOR AND OUTDOOR CONTROL OF LISTED FLYING INSECTS SUCH AS FLIES, MOTHS, MOSQUITOES AND SMALL NUISANCE FLIES:

NYLAR 10EC [or brand name] decreases the number of eggs laid by treated adults and reduces hatch rates. Larvae show physiological and functional defects leading to the inability to develop into normal adults. When used alone treatment will result in a reduction in adult fly populations after 3-4 weeks, when previously hatched adult flies have died naturally. Apply spray dilution to known and suspected breeding sites (such as moist areas with decaying organic matter), as well as areas where these insects are known to travel, rest, hide or harbor. Make application following cleaning and sanitation practices. Tank mix NYLAR 10EC [or brand name] with an adulticide to get immediate control of adult stages while inhibiting successful development of immature stages. Monitor insect population and repeat applications at 2 to 4 week intervals, if necessary, depending upon the severity of infestation. If application is being made in food areas, read and follow the "FOOD HANDLING ESTABLISHMENT APPLICATIONS" instructions in this label.

General Surface Application (Including Broadcast, Spot and Crack & Crevice): Apply NYLAR 10EC [or brand name] in a surface application at the rate of 4 mL in one gallon of water (or sufficient volume of water to get adequate coverage) to treat 1,500 square feet. Use up to 12 mL per 1,500 square feet for insect populations that are difficult to control or in conditions that make it difficult to get control target pests. Apply solution as a coarse, wetting spray to breeding and harborage sites. For drains, apply dilution into and around the drain and catch basin area. When possible, treat vertical surfaces surrounding breeding sites, where small flies tend to alight.

Space Spray, Void Injection, ULV and Fog Application: Read and Follow the "ULV A. FOGGING APPLICATION INSTRUCTIONS, INCLUDING SPACE SPRAY AND VOID INJECTION" in the General Application Instructions section of this label. To achieve uniform coverage apply NYLAR 10EC [or brand name] as a ULV or fogging treatment, alone or tank mixed with an adulticide. Apply at the rate of 1mL of concentrate per 1,000 cu. ft. of space to be treated. Direct application to areas where insects are known to travel, rest, hide or harbor.

Foam Application: For the control of Drain/Fruit Flies, combine NYLAR 10EC [or brand name] at the rate of 4 to 8 mL concentrate with one gallon of diluent. To convert this diluent to a foam, add foaming agent at the manufacturer's recommended rate. Using a professional foam applicator, apply finished foam to areas of fly breeding such as drains, traps of sinks, bathtubs and in floor drains. For best results, foam should be applied thoroughly, ensuring all void areas and fly breeding material is treated. Follow the requirements of the foam equipment manufacturer.

Outdoor Application: Apply as a surface application (Including Broadcast, Spot and Crack & Crevice) at the rate of 4 mL in one gallon of water (or sufficient volume of water to get adequate coverage) to treat 1,000 square feet. Use up to 12 mL per 1,000 square feet for insect populations that are difficult to control or in conditions that make it difficult to get control target pests. Alternate mixing directions for power spraying are to use 18 to 56 mL of concentrate per 50 gallons of water. Apply to surfaces where insects breed, travel, rest, hide or harbor. Treat known and suspected breeding sites on, under and around exterior surfaces of buildings, walls, window frames, around garbage cans, eaves, cracks and crevices, porches, decks, gazebos, patios, carports, garages, stagnant water, moist/shaded areas, fence lines, and other areas where target insects are active or may be hiding. Since NYLAR 10EC [or brand name] is photo-stable, outdoor applications on soil surfaces will provide residual IGR activity, depending upon soil type and weather conditions.

FOR INDOOR AND OUTDOOR CONTROL OF LISTED CRAWLING INSECTS SUCH AS FLEAS, TICKS, BEETLES AND OTHER LISTED INSECTS:

NYLAR 10EC [OR BRAND NAME] breaks the reproductive cycle by acting on the immature life stages of fleas, ticks, beetles and other crawling insects, preventing the successful development of adult insects. Flea eggs and flea larvae that contact treated areas will not develop into adult fleas. NYLAR 10EC [or brand name] reduces egg production and hatch and disrupts the molting process of tick larvae and engorged tick nymphs. NYLAR 10EC [or brand name] is a valuable component of an integrated program to control fleas, beetles, ticks and other crawling insects. If application is being made in food areas, read and follow the "FOOD HANDLING ESTABLISHMENT APPLICATIONS" instructions in this label.

PREVENTATIVE FLEA TREATMENT

NYLAR 10EC [OR BRAND NAME] can be used as a preventative treatment prior to the flea season. Application of this product in areas where pets and other animals are known to frequent and where previous infestations have been known to occur will reduce the emergence of adult fleas and also control immature stages of fleas. Indoor treatments of NYLAR 10EC [or brand name] provide up to 7 months of residual flea control, so this early usage could reduce the need for conventional insecticides when used alone as directed. Apply as a surface application at the rate of 4 - 8 mL in one gallon of water (or sufficient volume of water to get adequate coverage) to treat 1,500 square feet.

TREATING ESTABLISHED INFESTATIONS:

General Surface Application (Including Broadcast, Spot and Crack & Crevice): Apply as a surface application at the rate of 4 mL in one gallon of water (or sufficient volume of water to get adequate coverage) to treat 1,500 square feet. Use up to 12 mL per 1,500 square feet for insect populations that are difficult to control or in conditions that make it difficult to get control target pests. Treat all areas that may harbor target insects, such as carpets, furniture, pet sleeping areas and throw rugs. Treat under cushions of upholstered furniture. Use with an adulticide to get immediate control of adult insects.

In Conjunction with Carpet Shampoo: NYLAR 10EC [OR BRAND NAME] may be combined with a liquid, non-heat extracting, carpet shampoo application. Mix 4 ml of NYLAR 10EC [OR BRAND NAME] per gallon of diluted shampoo to be applied to carpet. Mix well and shampoo carpet as per instructions on the shampoo product label. Allow carpet to completely dry and vacuum thoroughly.

In Kennels and Doghouses: Apply as a surface application (Including Broadcast, Spot and Crack & Crevice) at the rate of 4 mL in one gallon of water (or sufficient volume of water to get adequate coverage) to treat 1,500 square feet. Use up to 12 mL per 1,500 square feet for insect populations that are difficult to control or in conditions that make it difficult to get control target pests. Remove animals before spraying. Apply in and around buildings, resting areas, walls, floor, animal bedding and run areas. Animals may be returned to treated areas when spray has dried.

Space Spray, Void Injection, ULV and Fog Application: Read and Follow the "ULV AND FOGGING APPLICATION INSTRUCTIONS, INCLUDING SPACE SPRAY AND VOID INJECTION" in the General Application Instructions section of this label. To achieve uniform coverage apply NYLAR 10EC [or brand name] as a ULV or fogging treatment, alone or tank mixed with an adulticide. Apply at the rate of 1mL of concentrate per 1,000 cu. ft. of space to be treated. Direct application to areas where target insects are known to travel, rest, hide or harbor.

Outdoor Application: Apply as a surface application (Including Broadcast, Spot and Crack & Crevice) at the rate of 4 mL in one gallon of water (or sufficient volume of water to get adequate coverage) to treat 1,000 square feet. Use up to 12 mL per 1,000 square feet for insect populations that are difficult to control or in conditions that make it difficult to get control target pests. Alternate mixing directions for power spraying are to use 18 to 56 mL of concentrate per 50 gallons of water. Remove animals before spraying. Apply to listed outdoor areas where target insects are suspected or known to breed, travel, rest, hide or harbor. To help prevent insect infestation of buildings: Treat building exteriors, foundations and soil or other substrate adjacent to buildings. Application on soil surfaces will provide 30 -60 days of IGR activity, depending upon insect type, soil type and weather conditions.

FOR CONTROL OF LISTED COCKROACHES, CRICKETS:

NYLAR 10EC [or brand name] acts on the immature life stages and prevents nymphal cockroaches and crickets from developing into reproductive adults. Shortly after application of this concentrate, cockroaches with twisted wings and other deformities will begin to appear, indicating that NYLAR 10EC [OR BRAND NAME] has taken effect - those cockroaches are unable to reproduce. May be used in a program with cockroach baits such as Vendetta™ Cockroach Gel Bait. One treatment works for 6 months against cockroach nymphs and crickets. If application is being made in food areas, read and follow the "FOOD HANDLING ESTABLISHMENT APPLICATIONS" instructions in this label.

General Surface Application (Including Broadcast, Spot and Crack & Crevice): Apply as a surface application at the rate of 12 mL in one gallon of water to treat 1,500 square feet. Apply diluted spray as a spot treatment, surface application and crack and crevice spray. Treat all areas where target insects are known or suspected to travel, rest, hide or harbor. Tank mix with an adulticide to provide immediate control of adult stages. Contact as many insects as possible with this spray. Special attention should be paid to hiding places such as beneath sinks, behind and beneath stoves and refrigerators, cracks and crevices, around garbage cans, cabinets, along the outside of baseboards, door and window sills, door and window frames and floors, around and on drains, pipes, plumbing, behind bookcases, storage and other utility installation areas, and the inside of cabinets and closets hitting insects with spray whenever possible. Repeat application in 6 months, or more frequently if necessary.

Space Spray, Void Injection, ULV and Fog Application: Read and Follow the "ULV AND FOGGING APPLICATION INSTRUCTIONS, INCLUDING SPACE SPRAY AND VOID INJECTION" in the General Application Instructions section of this label. To achieve uniform coverage apply NYLAR 10EC [or brand name] as a ULV or fogging treatment, alone or tank mixed with an adulticide. Apply at the rate of 1mL of concentrate per 1,000 cu. ft. of space to be treated. Direct application to areas where insects are known to travel, rest, hide or harbor.

Outdoor Application: Apply as a surface application (Including Broadcast, Spot and Crack & Crevice) at the rate of 12 mL of concentrate in one gallon of water (or sufficient volume of water to get adequate coverage) to treat 1,500 square feet. For building perimeter applications, apply in a band 2-6 feet adjacent to and around the structure and apply to a height of 2-3 feet on the foundation where pests may be active or may find entrance. Apply spray on, around and beneath window frames, doors, garage doors, patios, decks, turf, landscaping, compost areas, garbage areas and other areas where target insects travel, feed, rest, hide or harbor. Alternate mixing directions for outdoor

power spraying are to use 56 mL of concentrate per 50 gallons of water.

FOR CONTROL OF ANTS:

General Surface Application Indoors: NYLAR 10EC [or brand name] may be used as part of an integrated approach to control ants. Apply broadcast, spot or crack and crevice treatments of NYLAR 10EC [OR BRAND NAME] at the rate of 12 mL diluted in water per 1,500 square feet to interior areas where ants are actively foraging and traveling. May be used in conjunction with baits and/or residual treatments. If application is being made in food areas, read and follow the "FOOD HANDLING ESTABLISHMENT APPLICATIONS" instructions in this label.

Outdoor Application: Apply as an outdoor surface application (Including Broadcast, Spot and Crack & Crevice) at the rate of 12 mL of concentrate in one gallon of water (or sufficient volume of water to get adequate coverage) to treat 1,500 square feet. Alternate mixing directions for outdoor power spraying are to use 56 mL of concentrate per 50 gallons of water. For building perimeter applications, apply in a band 2-6 feet adjacent to and around the structure and apply to a height of 2-3 feet on the foundation where ants may travel or find entrance. Apply directly to known or suspected ant forage, trails and forage sites. Treat ant mounds or nests directly, with a wetting spray. NYLAR 10EC [OR BRAND NAME] may be used in a program with baits or in a tank mix combination with adulticide insecticide.

FOR 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). If application is being made in food areas, read and follow the "FOOD HANDLING ESTABLISHMENT APPLICATIONS" instructions in this label.

General Surface Application (Including Broadcast, Spot and Crack & Crevice): Apply as a surface application at the rate of 8 mL in one gallon of water to treat 1,500 square feet. Use up to 12 mL per 1,500 square feet for insect populations that are difficult to control or in conditions that make it difficult to get control target pests. Apply diluted spray as a spot treatment, surface application and crack and crevice spray. Treat all areas where target insects are known or suspected to travel, rest, hide or harbor such as cracks and crevices in walls and floors, under and between pallets, areas at the base of machinery and equipment, under furniture, in mop and equipment closets, behind cabinets, behind and under refrigerators, sinks, stoves, drawers under shelves and racks, around pipes and openings in floors and walls, along baseboards, in wall voids, and other areas where insects seek harborage. Since NYLAR 10EC [or brand name] is stable and not volatile, spot, and/or crack and crevice treatment may be used while a food processing facility is in operation, provided exposed food is covered or removed from the area being treated prior to application. Tank mix with an adulticide to provide immediate control of adult stages. Contact as many insects as possible. Repeat application in 6 months, or more frequently if necessary.

Space Spray, Void Injection, ULV and Fog Application: Read and Follow the "ULV AND FOGGING APPLICATION INSTRUCTIONS, INCLUDING SPACE SPRAY AND VOID INJECTION" in the General Application Instructions section of this label. To achieve uniform coverage apply NYLAR 10EC [or brand name] as a ULV or fogging treatment, alone or tank mixed with an adulticide. Apply at the rate of 1 mL of concentrate per 1,000 cu. ft. of space to be treated. Direct application to areas where insects are known to travel, rest, hide or harbor.

Use in Livestock, Poultry and Animal Production

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

NYLAR 10EC [OR BRAND NAME] may be used by pest control professionals and livestock producers (including poultry) in, on and around animal housing and facilities to control listed insect pests. NYLAR 10EC [or brand name] mimics naturally occurring insect growth hormones, disrupting the reproductive processes of listed insects, resulting in reduced egg production, reduced egg hatch rates, disruption or inhibition of normal molting processes, deformity, sterile adults and death. NYLAR 10EC [or brand name] effectively breaks the cycle of insect reproduction. It is an important component in an IPM program, and is a means to prevent or manage known resistant insect populations, such as Tempo resistant flies. Used as directed, NYLAR 10EC [or brand name] will not harm beneficial insects such as predatory wasps.

Apply as a spot treatment; general surface broadcast treatment, ULV/ fog, spot or crack and crevice application to interior and exterior areas where insect pests collect, travel, rest, hide, harbor or breed. Apply when animals are not in the immediate area being treated. Animals may reenter treated area once spray solution has dried. Do not contaminate food, feed, potable water or watering equipment.

RATES TO CONTROL FLIES, MOSQUITOES AND OTHER FLYING INSECTS:

NYLAR 10EC [OR BRAND NAME] effects on both adult and juvenile insect stages. It decreases the number of eggs laid by treated adults and reduces hatch rates. Larvae (maggots) show physiological and functional defects leading to the inability to develop into normal adults. When used alone treatment will result in a reduction in adult fly populations after 3-4 weeks, when previously hatched adult flies have died naturally. For faster results, NYLAR 10EC [or brand name] may be tank mixed with an adulticide. Apply alone or tank mixed with an adulticide at the rate of 4 mL per 1,500 square feet of surface area in sufficient volume of water to thoroughly wet the surface, although not to the point that runoff occurs. Use up to 12 mL of concentrate per 1,500 square feet of surface for insect populations that are difficult to control or in conditions that make it difficult to achieve desired results. ~~Alternate mixing directions for power spraying are to use 18 to 56 mL of concentrate per 50 gallons of water.~~

RATES TO CONTROL LISTED CRAWLING INSECTS:

Apply NYLAR 10EC [OR BRAND NAME] alone or tank mixed with an adulticide at the rate of 4 mL per 1,500 square feet of surface in sufficient volume of water to thoroughly wet the surface, although not to the point that runoff occurs. Use up to 12 mL of concentrate per 1,500 square feet of surface for insect populations that are difficult to control or in conditions that make it difficult to achieve desired results. ~~Alternate mixing directions for power spraying are to use 18 to 56 mL of concentrate per 50 gallons of water.~~

Space Spray, Void Injection, ULV and Fog Application: Read and Follow the "ULV AND FOGGING APPLICATION INSTRUCTIONS, INCLUDING SPACE SPRAY AND VOID INJECTION" in the General Application Instructions section of this label. NYLAR 10EC [or brand name] may be applied with a ULV generator or fogger at a rate of 1 mil per 1,000 cubic feet. If used alone, dilute concentrate with water at the rate of 1 mil of concentrate with one fl. oz. of water, and fog solution at a rate of 1 fl. oz. per 1,000 cubic feet. When tank mixing with a pyrethrum fogging concentrate, mix NYLAR 10EC [or brand name] directly with the pyrethrum fogging concentrate solution. Do not remain in treated area after fogging. Keep facility closed for 1 hour, ventilate prior to reentry.

INTERIOR AND PERIMETER APPLICATION DIRECTIONS:

Inspect and identify harborage and breeding areas. Treat all interior areas where crawling insects may collect, travel, rest, hide, harbor 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. Control will be enhanced when facilities are cleaned and interior applications are supplemented with exterior perimeter treatments. Apply solution to exterior perimeter of facility in a uniform band at least 1 foot up and 6 to 10 feet out from foundation. Apply around the exterior surfaces of doors and windows, overhead areas and other

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potential points of harborage or entry. If there are raised floors with soil or debris beneath them, be sure to treat the area beneath the floor.

EXTERIOR AND OUTDOOR APPLICATION DIRECTIONS:

Inspect and identify known or suspected harborage and breeding areas. Treat known or potential exterior breeding sites such as garbage bins 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 target insect populations return to economic threshold levels.

FOR CONTROL OF LITTER BEETLES (Such as Darkling, Hide and Carrion Beetles):

NYLAR 10EC [OR BRAND NAME] can be applied to litter, such as in poultry houses infested with litter beetles, to break the lifecycle of these insect pests. When used as directed, NYLAR 10EC [OR BRAND NAME] will not harm beneficial insects in animal litter or bedding, such as predatory wasps. Make uniform application of NYLAR 10EC [OR BRAND NAME] to litter at the rate of 4 mL of NYLAR 10EC [OR BRAND NAME] per 1,500 square feet of surface in sufficient volume of water to thoroughly wet the surface, although not to the point that runoff occurs. Use up to 12 mL of concentrate per 1,500 square feet of surface for insect populations that are difficult to control or in conditions that make it difficult to achieve desired results. ~~Alternate mixing directions for power spraying are to use 18 to 56 mL of concentrate per 50 gallons of water.~~

For effective prevention of beetle larvae in litter, remove animals from immediate treatment area and old litter. 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 Onslaught Microencapsulated Insecticide. 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 NYLAR 10EC [OR BRAND NAME] uniformly to floor area and to walls, posts, and cage framing (birds grown in cages only). Application should also be made into cracks and crevices around insulation. Reapply after each grow-out or sanitization procedure. Indoor control can be enhanced by making perimeter treatments around the outside of building foundations to prevent immigrating adult beetles. Apply NYLAR 10EC [OR BRAND NAME] or adulticide insecticides, or both, in a uniform band at least 1 foot up and 6 to 10 feet out from foundation. Maintaining a year-round treatment program will prevent background populations from reaching problem levels.

TREATMENTS TO LIVESTOCK WASTE LAGOONS AND MANURE PITS:

NYLAR 10EC [or brand name] adsorbs to organic matter and effectively prevents immature stages of *Culex quinquefasciatus* mosquitoes from becoming adults for up to 60 days. Apply NYLAR 10EC [or brand name] to dairy and livestock wastewater lagoons and manure pits to reduce infestations of water breeding insects, such as *Culicoides* midges, Syrphid flies (rat-tailed maggots) and mosquitoes.

Apply NYLAR 10EC [or brand name] at the rate of 9 ml (0.3 fl oz) of concentrate per 1000 square feet of lagoon surface area; 90 ml (3 fl. oz) concentrate per 10,000 square feet of lagoon surface area or 385 ml (13 fl oz) of concentrate per acre of surface area. Mix concentrate with 1 to 10 gallons of water and apply to surface of lagoon using a hand-held sprayer or other means of distributing solution. Monitor insect emergence and re-apply every 30 to 60 days.

As an added measure of control, treat the first 10 feet of the berm immediately surrounding the lagoon surface. Apply 4-8 mL concentrate per 1,500 sq. ft. of surface area, diluted in a sufficient amount of water to get good coverage.

USE AS A MOSQUITO LARVICIDE

Not For Use in Natural Holding Waters or Active Waterways.

Not for wide area mosquito use. Do not apply using truck mounted sprayers or aerial application equipment.

Active only on the immature life stages of mosquitoes. Tank mix or use with an adulticide for immediate kill of biting (adult) mosquitoes.

WASTEWATER SITES AND HOLDING AREAS (including wastewater treatment and settling ponds, evisceration ponds, sewage lagoons, cesspools, septic tanks, holding ponds, clarifiers, paper or food processing waste ponds, dredging spoil sites, sludge drying beds, abandoned swimming pools, manmade fish farm ponds, large manmade ornamental ponds and pools, stagnant or standing water in manmade ditches and depressions, rainwater holding ponds and construction sites):

Apply NYLAR 10EC [or brand name] at the Following rates based on surface area of water or moist mosquito breeding grounds to be treated.

| Rate of NYLAR 10EC [or brand name] | Surface Area | Dimension |
|------------------------------------|----------------|-----------------------------------|
| 9 mL (0.3 fl oz) | 1,000 sq. ft. | 20 feet x 50 feet |
| 90 ml (3 fl. oz) | 10,000 sq. ft. | 100 feet x 100 feet |
| 385 ml (13 fl oz) | One Acre | 209 feet x 209 feet (approximate) |

Mix concentrate with 1 to 10 gallons of water and apply to surface of lagoon using a hand-held sprayer or other means of distributing solution. Monitor insect emergence and re-apply every 28 days, or when insect populations reach treatment threshold levels.

For sites surrounded by a berm, as an added measure of control, treat the berm immediately surrounding the water or surface. Apply to the first 10 feet of the berm surrounding the water at the rate of 4 - 8 mL NYLAR 10EC [or brand name] per 1,500 sq. ft. of surface area, diluted in a sufficient amount of water to get good coverage.

WATER-HOLDING CONTAINERS

Potted plants, French drains, cemetery urns, gutters, holding tanks, birdbaths, rain barrels, rainwater storage tanks, window wells, sump holes, buckets, flooded crypts, transformer vaults, spill protection dikes, tree holes, small ornamental pools and fountains and other sites where water collects and mosquitoes breed. Mix 4 - 8 mL NYLAR 10EC [or brand name] per gallon of water in a hand-held or backpack sprayer. Completely treat the surface area of water, potting soil, or water-holding area. Treat cemetery urns and similar small water holding containers w/ a one-second burst from sprayer. Monitor insect emergence and re-apply every 28 days, when insect populations reach treatment threshold levels.

INTERMITTENT DRAINAGE SITES OR NATURAL HARBORAGE SITES:

NYLAR 10EC [or brand name] may be applied to rainwater drainage or retention ponds, natural depressions where rainwater collects, tall vegetation, under decks or other moist areas where mosquitoes breed or harbor. Application may be made to drainage sites before or after flooding. Apply to surface of drainage or harborage site at the rate of 4 - 8 mL NYLAR 10EC [or brand name] per 1,500 sq. ft. in sufficient amount of water to get good coverage. Use up to 12 mL per 1,500 square feet for insect populations that are difficult to control or in conditions that make it difficult to get control target pests. Tank mix NYLAR 10EC [or brand name] with an adulticide to get immediate control of the biting adult stages, while inhibiting successful development of immature stages. Monitor insect emergence and re-apply every 28 days, or when insect populations reach treatment threshold levels.

TIRE PILES, SCRAP YARDS, RECYCLING CENTERS AND OTHER AREAS WHERE MOSQUITOES BREED:

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~~Apply using a backpack sprayer, ULV cold fogger, compressed air sprayer, or hand-held sprayer at a rate of 12 mL NYLAR 10EC [or brand name] to 12,000 cubic feet of water-entrapping refuse. Dilute concentrate in sufficient amount of water to get coverage of entrapped stagnant water. Surface applications may be made at the rate of 4 - 8 mL of NYLAR 10EC [or brand name] per 1,500 sq. ft. in sufficient amount of water to get good coverage. Use up to 12 mL per 1,500 square feet for insect populations that are difficult to control or in conditions that make it difficult to get control target pests. Tank mix NYLAR 10EC [or brand name] with an adulticide to get immediate control of the biting adult stages, while inhibiting successful development of immature stages. Monitor insect emergence and re-apply every 28 days, or when insect populations reach treatment threshold levels.~~

RESIDENTIAL AND COMMERCIAL SITES:

Apply using a backpack sprayer, ULV cold fogger, compressed air sprayer, ~~power sprayer or~~ hand-held sprayer at a rate of 4- 8 mL of NYLAR 10EC [or brand name] per 1,500 sq. ft. in sufficient amount of water to get good coverage of target site. Use up to 12 mL per 1,500 square feet for insect populations that are difficult to control or in conditions that make it difficult to get control target pests. ~~Alternate mixing instructions are 16 - 48 mL of concentrate per 50 gallons of water.~~ Treat moist, shady areas where mosquitoes rest, harbor or breed, such as 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. Tank mix NYLAR 10EC [or brand name] with an adulticide to get immediate control of the biting adult stages, while inhibiting successful development of immature stages. Monitor insect emergence and re-apply every 28 days, or when insect populations reach treatment threshold levels.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry place. Keep container closed.

DISPOSAL: Do not reuse empty container. Wrap container in several layers of newspaper and discard in garbage.

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