

1021-2560

04-05-2011

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Thomas A. Lennan  
Regulatory Affairs Specialist  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4319

APR - 5 2011

Subject: Application for Pesticide Notification  
EPA Registration Number: 1021-2560  
Date of Submission: March 25, 2011

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration (PRN) 98-10 dated March 25, 2011, for the abovementioned product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records. This label also supersedes the draft label previously submitted as a fast-track amendment, in the application dated March 4, 2011 (EPA Dec # 447047).


If you have any questions regarding this letter, please contact Clayton Myers at (703) 347-8874 or by email at [myers.clayton@epa.gov](mailto:myers.clayton@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Richard Gebken".

for Richard Gebken  
Product Manager  
Insecticide Branch  
Registration Division (7505P)

Enclosures: Copy of Label Stamped "Notification"

	United States Environmental Protection Agency Washington, DC 20460	Registration Amendment Other	OPP Identifier Number
		X	
	<b>Application for Pesticide Reregistration - Section I</b>		

1. Company/Product Number 1021-2560	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) EVERGREEN® Pyrethrum Concentrate	PM# 10	
5. Name and Address of Applicant (Include Zip Code) McLAUGHLIN GORMLEY KING COMPANY 8810 TENTH AVENUE NORTH MINNEAPOLIS, MN 55427  <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____

NOTIFICATION  
 APR / 5 2011

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

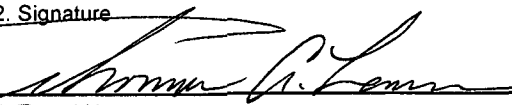
**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification to add bee hazard warning statement to label per phone conversation with Richard Gebken on 03/25/2011

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
*Certification must be submitted If "Yes" Unit Packaging wgt.    No. per container 6x1 Pint    1x55 Gallon		If "Yes" Package wgt.    No. per container			
3. Location of Net Contents information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 Pint 55 Gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Thomas A. Lennan	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) (763) 544-0341
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 	3. Title Regulatory Affairs Specialist	
4. Typed Name Thomas A. Lennan	5. Date 3/25/2011	



McLAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North • Minneapolis, MN 55427-4319 U.S.A.  
763-544-0341 • 800-645-6466 • Fax 763-544-6437 • www.mgk.com

**NOTIFICATION**

**APR / 5 2011**

March 25, 2011

Document Processing Desk (**NOTIF**) (**PM TEAM 10**)  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs (H7504P)  
Room S-4900, One Potomac Yard  
2777 South Crystal Dr.  
Arlington, VA 22202-4501

Via Courier

Subject: EVERGREEN® Pyrethrum Concentrate  
EPA Reg. No. 1021-2560  
Notification to add Bee hazard warning statement to label.

Dear Sir or Madam:

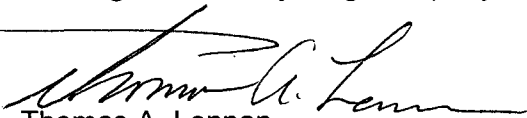
By Notification, we are adding the Bee hazard warning statement to the label per our phone conversation with Mr. Richard Gebken on March 25, 2011.

Enclosed are two (2) copies of the label, one (1) copy with changes highlighted.

This Notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, then this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If there are any questions or you need anything further, please contact this office.

Sincerely,  
McLaughlin Gormley King Company

  
Thomas A. Lennan  
Regulatory Affairs Specialist

Enclosure



**McLaughlin  
Gormley King  
Company**

EVERGREEN® Pyrethrum Concentrate

**NOTIFICATION**

**APR / 5 2011**



8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4319 U.S.A.

TELEPHONE (763-544-0341)

Kills Biting Flies	Fast Acting	Non-flammable	
Kills Fleas	Effective ULV Spray	Low odor	For use in Barns, Dairies and Poultry Houses
Kill Brown Dog Ticks	Contact Spray	Non-corrosive to spray equipment	
Kills Spiders (excluding Brown Recluse Spiders)	Space Spray		Contains pyrethrins – a botanical insecticide derived from chrysanthemums
Kills Stored Products	Area Spray In Poultry Houses	One gallon treats up to 28 acres	
Pests	On Poultry		
Kills Listed Flying Insects	Provides rapid knockdown & kill of plant pests	For Indoor and Outdoor production	
Kills Listed Crawling Insects	Kills more than 140 insects		Can be tank mixed with other insect control products
Kills Cockoroaches	For use in food handling, processing and storage areas	For use in food handling, processing and storage areas	
Kills Ants (excluding fire and Pharaoh ants)			
Quick Knockdown			For use in Restaurants

**ACTIVE INGREDIENT:**

Pyrethrins, a botanical insecticide..... 5.00%

OTHER INGREDIENTS..... 95.00%

100.00%

EVERGREEN® - Registered trademark of McLaughlin Gormley King Company

KEEP OUT OF REACH OF CHILDREN

**CAUTION PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail).

**FIRST AID**

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Immediately call a poison control center or doctor.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-740-8712 for emergency medical treatment information.	

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

**CAUTION**

Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants; chemical-resistant gloves, such as, Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton; shoes plus socks.

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

**User Safety Recommendations:**

**Users should:**

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic organisms, including fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water when disposing of equivalent wash-waters.

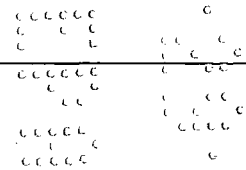
This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

**DIRECTIONS FOR USE**

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

**USE RESTRICTIONS**

- . Apply this product only as specified on this label.
- . Do not contaminate food or feedstuffs.
- . Do not use product directly on domestic (companion) animals (dogs, cats, puppies or kittens).
- . Not for use in outdoor residential misting systems.
- . Do not make applications during rain.
- . Do not use in aircraft cabins.
- . Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- . Do not enter or allow others to enter until sprays have dried.
- . Do not enter or allow to enter until vapors, and mists, and/or aerosols have dispersed, and the treated area has been thoroughly ventilated.
- . Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- . When used indoors as a crack-and-crevice, surface, or space spray applications. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment and food preparation surfaces or wash them before use.
- . When used in indoor food handling/ processing facilities. Do not make space spray applications when the facility is in operation. Prior to space spray applications, cover or remove exposed food. Prior to space spray applications, cover food processing surfaces or clean after treatment and before use.
- . When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- . When applying as an outdoor surface and space spray application. All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: (1) Treatment to soil or vegetation around structures; (2) Applications to lawns, turf, and other vegetation; and (3) Applications to building foundations, up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications only.
- . Do not wet plants to the point of run-off or drip.
- . Remove pets, birds and cover fish aquarium before application.



For any requirements specific to your State or Tribe, consult the agency for pesticide regulation.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR, Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

Wear protective clothing when using or handling this product to help avoid exposure to eyes and skin. Eye protection, gloves, a long-sleeved shirt and long pants are recommended.

Allow spray to dry before allowing adults, children or pets on treated areas.  
For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

INDOOR AREAS for use in and around:

Aircraft (not aircraft cabins)	Dairies Dairy Stalls and holding areas	Laboratories	Restaurants Retail Stores
Animal Areas and Quarters	Day Care Centers	Laundromats	Rice Mills
Animal Shelters	Delicatessens	Lavatories	Schools
Animal Control Centers	Department Stores	Libraries	Seed production facilities Seed warehouses
Apartment	Diners	Liquor Stores	Ships
Arcades	Dog Houses	Livestock Barns	Ship Holds
Assisted Living Facilities	Storage or Processing Areas that contain Dried Fruit Products	Livestock Hauling Equipment	Smoke Shops
Attics	Drugstores	Loafing Sheds	Spice plants Spice production facilities
Auditoriums	Dumpsters	Locker Rooms	Sports Stadiums
Bakeries	Dwellings	Milk Rooms	Stables
Beverage Plants	Egg Processing Plants	Mills	Storage Bins (areas)
Barns	Factories	Mausoleums	Stores
Bars	False-Ceilings	Meat Packing Plants	Supermarkets
Basements	Food Processing Plants	Mess Halls	Swine Houses
Bathrooms	Food Storage Areas	Milking Parlors	Taverns
Boats	Freight containers	Mini Storage	Textile Mills and Warehouses
Bottling Plants	Frozen food plants	Mobile Canteens	Theaters
Breweries	Fruit Packing Sheds	Mobile Homes	Tobacco Factories
Brewery Warehouses	Funeral parlors	Mobile Canteens	Tobacco Warehouses
Buildings	Garbage Bins	Mobile Homes	Tool Sheds
Buses	Garbage Cans	Morgues	Trains
Cabins	Garbage Compactors	Mortuaries	Transportation Equipment
Cabinets	Garbage Trucks	Motels	Trucks
Cafeterias	Gas Stations	Movie Theaters	Truck Trailers
Campers	Grain Elevators	Museums	Tunnels
Canneries	Grain Harvesting and Handling Equipment	Mushroom Processing Areas	Universities
Casinos	Garages	Nursing Homes	USDA Inspected Facilities
Cattle Barns	Grain Mills	Office buildings	Utilities
Cattle Stalls	Granaries	Other Public Buildings	Utility Rooms
Churches	Grocery Stores	Parking Garages	Vending Machines
City Missions	Health Care Facilities	Passenger Railroad Cars	Veterinary Hospitals
Circus Tents	Herb drying and processing facilities Herb warehouses	Peanut Warehouses	Wall and Equipment voids
Classrooms	Homes	Pool Halls	Warehouses
Closets	Horse Stables and Barns	Poultry Houses	Washrooms
Club Houses	Horse Trailers	Poultry Plants	Wheat Mills
Coffee Shops	Hospices	Pounds	Wholesale Stores
Colleges	Hospitals	Prisons	Wine Cellars
Commercial Buildings	Hotels	Public Storages	Wineries
Communication Centers	Indoor Eating Establishments	Rabbit Processing Plants	Zoos
Condominiums	Industrial Installations	Railroad Cars	
Concession Stands	Institution Dining Areas	Recreational Vehicles	
Court Houses	Institutions	Research Animal Quarters	
Crawl Spaces	Jails		
Crematoriums	Kennels		

OUTDOOR AREAS for use in and around:

Alleys	Drive-In theaters	Manure Piles	Side Walks
Amphitheaters	Dumpsters	Nurseries	Stadiums
Amusement parks	Exterior of Homes and other Buildings	Outdoor Eating Establishments	Tennis Courts
Athletic Fields (baseball, football, soccer)	Fair Grounds	Outdoor Growing Crops	Trees, Shrubs, Flowers and Foliage Plants
Back yards	Feedlots	Parks	Truck Stops
Balconies	Front Yards	Parking Lots	Urban Areas
Baseball Fields	Game Fields	Patios	Underpasses
Bleachers	Garbage Dumps	Playgrounds	Utility Rooms Outdoor
Bridges	Gardens	Racetracks	Weigh Stations
Car Washes	Gazebos	Ranges	Wild Animal Parks
Campgrounds	Golf Courses	Recreation Areas	Wood Piles
Circuses	Grandstands	Rest Areas	Zoos and other similar areas
Construction Sites	Greenhouses	Roadsides	
Corrals	Junk Yards	Rooftops	
Courtyards	Kennels	Sanitary Sewers (Manholes)	

Curbs  
Drive-In Restaurants

Levees  
Livestock Pasture

School Yards  
Side yards

**FOR USE ON**

Beefalo  
Birds  
Buffalo  
Calves  
Cattle – beef and milking  
Chickens  
Donkeys  
Ducks

Elk  
Emus  
Exotics  
Geese  
Goats  
Hogs  
Horses  
Lambs

Livestock  
Llamas  
Mules  
Ostrich  
Oxen  
Pheasants  
Ponies  
Poultry

Pullets  
Quail  
Ratites  
Roosters  
Sheep  
Swine  
Turkeys

**TO KILL THE FOLLOWING INSECTS:**

Ants (excluding fire and Pharaoh ants)

Dark Mealworms

Lace Bugs

Sharpshooters

Angoumois Grain Moths

Darkling Beetles (lesser meal worm)

Leaf-footed plant bugs

Sheep "Tick" or Ked

Aphids

Diamondback Larvae and Moths

Leafhoppers

Shore flies

Apple Maggots

Dried Fruit Beetles

Leafminers

Shot hole borers

Armored Scales

Drugstore Beetles

Leafrollers

Silverfish

Armyworms

Earwigs

Leaf tiers

Skippers

Artichoke Plume Moths

Eastern Tent Caterpillars

Lice

Small Flying Moths

Asparagus Beetles

Elm Leaf Beetles

Loopers

Soft Scales

Beet Armyworms

Eriophyd Mites

Lygus

Southern chinch bugs

Bagworms

European Pine Tip Moths

Maggots

Sow bugs

Bean Beetles

Fire worms

Mealy Bugs

Spiders (excluding Brown Recluse Spiders)

Beetles

Fleas

Mediterranean Flour Moths

Spider Beetles

Bermudagrass Mirids

Flea Beetles

Mexican Bean Beetles

Springtails

Billbugs

Forest Tent Caterpillars

Midges

Squash bugs

Blister Beetles

Fruit Flies

Millipedes

Stable Flies

Blow Flies

Fruit tree Leaf rollers

Mites

Stink Bugs

Boll Weevils

Fruitworms

Mole crickets

Tobacco Moths

Boxelder Bugs

Fungus Gnats

Moths

Tarnished Plant Bugs

Branch and Twig Borers

Garden Symphylan

Mushroom Flies

Thrips

Brown Dog Ticks

Glassy Winged Sharpshooters

Navel Orangeworms

Tomato budworms

Cabbage Loopers

Gnats

Olive Fruit Flies

Tomato bugs

Cabbage Maggots

Grain Mites

Onion Maggots

Tomato Fruit worms

Cadellles

Grape Leafhoppers

Orange Tortrix

Tomato Hornworms

Cankerworms

Grape Leaf Skeletonizers

Pacific flatheaded borers

Tomato pinworms

Carrot Weevils

Grape Mealy bugs

Pear Psyllids

Tomato Russet Mite

Caterpillars

Grasshoppers

Pepper Weevils

Tussock moths

Chalcids

Green bugs

Pink bollworms

Vinegar Flies

Cheese Skippers

Greenhouse Thrips

Potato Leafhoppers

Vine mealy bugs

Cherry Fruit Flies

Green Fruit Worms

Potato Tuberworms

Webworms

Cigarette Beetles

Green Peach Aphids

Poultry Lice

Weevils

Clover Mites

Gypsy Moths (adults & larvae)

Proba bugs

Western Yellow-striped armyworms

Clover Weevils

Harlequin Bugs

Psyllids

Whiteflies

Cockroaches

Heliopsis spp.

Red Flour Beetles

Yellow Mealworms

12-spotted Cucumber Beetles

Horn Flies

Rice Weevils

Codling Moths

Hornworms

Saltmarsh caterpillars

Colorado Potato Beetles

House Flies

Saw Toothed Grain Beetles

Confused Flour Beetles

Imported Cabbageworms

Scales

Corn Earworms

Indian Meal Moths

Crickets

Japanese Beetles

Crane Flies

Katydid

Cross-striped Cabbageworms

Cucumber Beetles

**IMPORTANT NOTE:** It is recommended that the final spray mix be buffered to a pH of 5.5-7.0. Outside of this range pyrethrins can degrade and the product will lose effectiveness.

To avoid possible harm to honey bees and other beneficial insects, it is advisable to apply when the non-target insects are least active.

Pyrethrins degrade rapidly in sunlight. To ensure the best performance, coverage is key. Use spray equipment that will provide the best coverage and direct contact with as many insects as possible.

**TANK MIX:** This product may be tank mixed with other insecticides, acaricides, fungicides, adjuvants, and wetting agents. This application should conform to accepted use precautions and directions for both products. Tank mix applications must be made in accordance with the more restrictive of

label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing.

Prior to tank mixing, a compatibility test should be conducted using the proper proportions of products and water to ensure the physical compatibility of the mixture.

**PHYTOTOXICITY NOTE:** Plant safety is an important consideration when using insecticides in a greenhouse. However, it is not possible to evaluate the phytotoxicity of EVERGREEN Pyrethrum Concentrate on numerous plant varieties that may react differently to insecticides in different growth stages or under varying environmental conditions. Before making widespread applications of EVERGREEN Pyrethrum Concentrate or tank mix combinations, treat a limited number of plants and observe for phytotoxicity over a 10-day period.

**GROWING CROPS IN GREENHOUSES AND NURSERIES:**

Apply 4.5 to 18 fluid ounces per acre (333 ml to 1,331 ml/Ha) by ground equipment in sufficient water for thorough coverage. This product may be applied by air at the rate of 4.5 to 18 fluid ounces per acre (333 ml to 1,331 ml/Ha) in a minimum of 20 gallons (75.6L) of water. Mix only enough for immediate use. Spraying should begin when insects first appear. Do not wait until plants are heavily infested. Do not apply more than 1 time per day.

**ORNAMENTALS:** Including: African Violet, Ageratum, Aster, Azalea, Begonia, Calceolaria, Calendula, Calla, Camellia, Carnation, Ceanothus, Cineraria, Chrysanthemum, Coleum, Cyclamen, Cypress, Daffodil, Dahlia, Delphinium, Dogwood, Elm, Eucalyptus, Fern, Ficus, Foliage Plants, Fuchsia, Gardenia, Geranium, Gladiolus, Gloxinia, Gypsophila, Holly, Hyacinth, Hydrangea, Iris, Lily, Maidenhair Fern, Marigold, Narcissus, Palm, Pansy, Peony, Pelargonium, Petunia, Philodendron, Phlox, Pine, Pyracantha, Rhododendron, Roses, Rubber Plant, Snapdragon, Sweet Pea, Tulips, Viburnum, Wandering Jew, Yew, Zinnia and Andromeda, Arborvitae, Ash, Beech, Birch, Boxwood, Cotoneaster, Crabapple, Euonymus, Fir, Firethorn, Forsythia, Hawthorn, Hemlock, Hickory, Honey Locust, Horse Chestnut, Juniper, Larch, Laurel, Lilac, Linden, Mimosa, Myrtle, Oak, Pine, Privet, Tulip Tree, Viburnum, Willow.

**USE ON GREENHOUSE FRUIT, VEGETABLE, FLOWER AND FOLIAGE PLANTS:** Combine 16 to 32 fluid ounces with 100 gallons (1.25 ml to 2.50 ml/L) of water for applications with conventional sprayers or 7 to 15 ml (1/4 - 1/2 of a fluid ounce) per gallon (2 ml to 4 ml/L) of water for applications with handheld or backpack sprayers.

**FOR USE OUTDOORS ON TREES, SHRUBS, FLOWERS AND FOLIAGE PLANTS:** Combine 16 to 32 fluid ounces of EVERGREEN Pyrethrum Concentrate with 100 gallons (1.25 ml to 2.50 ml/L) of water for applications with conventional sprayers or 16 to 32 fluid ounces of EVERGREEN Pyrethrum Concentrate with 10 gallons (12.5 ml to 25.0 ml/L) of water for applications with low volume mist blowers or 7 to 15 ml (1/4 - 1/2 of a fluid ounce) per gallon (2 ml to 4 ml/L) water for applications with handheld or backpack sprayers.

**FOR USE ON AND AROUND LISTED OUTDOOR AREAS:** To kill insects on Turf, Ornamental Plants, Gardens, Landscaping, Foundation Walls and Perimeters mix 7 to 15 ml (1/4 to 1/2 of a fluid ounce) of EVERGREEN Pyrethrum Concentrate per gallon (2 ml to 4 ml/L) of water for applications with compressed air sprayers or pump driven sprayers.

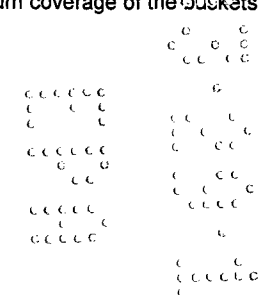
**FOR USE IN VEGETABLE AND TRUCK GARDENS:** For commercial production of listed crops to kill listed insects dilute 1/4 to 1/2 oz. of EVERGREEN Pyrethrum Concentrate per gallon of water (2 ml/ Liter of water to 4 ml/L of water). Apply diluted solution with all types of agricultural sprayers, including compressed air sprayers or pump driven sprayers.

**USE INDOORS ON TREES, SHRUBS, FLOWERS AND FOLIAGE PLANTS:** Combine 16 to 32 fluid ounces of EVERGREEN Pyrethrum Concentrate with 100 gallons (1.25 ml to 2.50 ml/L) of water for applications with conventional sprayers or 7 to 15 ml (1/4 to 1/2 of a fluid ounce) of EVERGREEN Pyrethrum Concentrate per gallon (2 ml to 4 ml/L) of water for applications with handheld or backpack sprayers.

**FOR USE ON HARVESTED FRUITS AND VEGETABLES:** Apples, Blackberries, Blueberries, Boysenberries, Cherries, Crabapples, Currants, Dewberries, Figs, Gooseberries, Grapes, Guavas, Loganberries, Mangoes, Muskmelons, Oranges, Peaches, Pears, Peas, Pineapples, Plums, Raspberries, Tomatoes.

**DIRECT SPRAY TO FRUITS IN BASKETS, ON TRUCKS OR IN PROCESSING PLANTS:** To kill *Drosophila* spp., *Tephritid* spp., Fruit Flies, Vinegar Flies and other nuisance pests, dilute this concentrate at the rate of 1 part with 900 parts water (1 pint (0.5L) with 125 gallons (472.5L) of water or 5 ml with 10 pints (4.7L) of water). Thoroughly mix the emulsion in the spray tank and treat as follows:

- 1) Apply liberally to fruits and vegetables in baskets, on trucks and in plants. Use sprayers at a high pressure for applying at the rate of five or six pints (2.4L to 2.9L) of diluted spray to a 2-ton load of produce. Direct the spray for maximum coverage of the baskets or hampers. It is important to spray between and beneath the containers.
- 2) Spray the raw stock stacked in the yard.
- 3) Dip baskets in the diluted spray, after dumping the produce to kill adhering larvae and pupae.



**USE DIRECTIONS FOR INDOOR APPLICATIONS:**

Remove pets and birds and cover fish aquariums before spraying.

Kills only at time of application. Listed insect pests must be directly contacted to be effective.

Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm. Patients should be removed prior to treatment. If application is done as a surface spray, patients may re-enter once the spray has dried. If application is done as a space spray, patients should be thoroughly ventilated for 2 hours following spraying, and before returning patients to treated areas.

Do not apply in institutions (including libraries, schools, sports facilities etc.) in the immediate area where occupants are present. Do not apply to classrooms while in use. Vacate rooms prior to treatment. If application is done as a surface spray, rooms should be thoroughly ventilated for 2 hours following spraying, and before re-entering treated areas.

**FOOD AREA USE:** Avoid contamination of food or feedstuffs. Do not apply directly to food. In the home all food processing surfaces, dishes and utensils should be covered during treatment or thoroughly washed before use.



**SURFACE SPRAY:**

**FOR USE AS A SURFACE SPRAY IN LISTED INDOOR AREAS:** to kill accessible, exposed stages of listed crawling insects, dilute 1 – 3 fluid ounces of concentrate with one gallon (8 ml to 24 ml/L) of water, mix well and apply as a coarse wetting spray at the rate of 1 gallon of spray mixture per 750 square feet (54 ml/m<sup>2</sup>) of surface. To ensure maximum kill of listed crawling insects, spray thoroughly into all cracks, moldings, crevices, walls, floors and surfaces of bins, storage and handling areas. Particular attention should be paid to areas where moisture collects such as drains, sinks, and water pipes and around the base of heavy machinery and equipment, contacting as many insects as possible. To kill ANTS (excluding fire and Pharaoh ants), spray directly into nests, along trails, and directly on all ants observed.

**Dilution Table for Surface Spray**

Fluid ounces of Concentrate Per Gallon of Solution	Pounds of Pyrethrum Per Gallon of Solution	Percent Pyrethrins in Solution
1	0.0032 (0.38g/L)	0.039%
2	0.0064 (0.77g/L)	0.078%
3	0.0096 (1.15 g/L)	0.118%
4	0.0128 (1.53 g/L)	0.159%
5	0.0160 (1.92 g/L)	0.200%
6	0.0192 (2.30 g/L)	0.242%
7	0.0224 (2.68 g/L)	0.284%
8	0.0256 (3.07 g/L)	0.328%
12	0.038 (4.56 g/L)	0.508%
16	0.051 (6.12 g/L)	0.702%
22	0.070 (8.4 g/L)	1.020%

**FOR USE IN MEAT AND POULTRY PROCESSING FACILITIES:** To kill accessible, exposed stages of listed crawling insects, dilute 9 fluid ounces with one gallon (71.4 ml/L) of water and apply at the rate of 1 gallon to 750 square feet (54 ml/m<sup>2</sup>), paying special attention to force the spray into all cracks and crevices.

**SPACE SPRAY IN FOOD AND NONFOOD AREAS OF LISTED INDOOR AREAS:** For use in mechanical fogging or spraying equipment to kill accessible stages of listed FLYING AND CRAWLING INSECTS. Close room and shut off all air conditioners or ventilating equipment. Dilute at the rate of 1 part concentrate into 1-8 parts water (see table below) and mix well. Apply at the rate of 1 fluid ounce of diluted solution per 1000 cubic feet (1.04 ml/m<sup>3</sup>) of space, filling the room with mist. Direct the space treatment upward and whenever practical, keep doors and windows closed for at least 30 minutes after application. Vacate treated area and thoroughly ventilate before re-entry.

This concentrate may also be diluted with oil. If the product is used in a certified organic facility, check with certification regulations regarding allowed oils. Any oil should also meet Federal Food Additive Regulation requirements as defined by CFR Title 21. Conduct a small jar compatibility test by mixing a small amount of oil and concentrate and observe the physical compatibility of the mixture. Dilute at the rate of 1 part of concentrate with up to 8 parts oil. Apply at the rate of 1 fluid ounce of diluted solution per 1000 cubic feet (1.04 ml/m<sup>3</sup>) of space.

When this product is applied as a space spray in food processing or food handling establishment applications should be confined to time periods when the plant is not in operation.

**Dilution Table for ULV Foggers**

Dilution Ratio:		Ratio of Concentrate to solution by volume.	Ratio of water to solution by volume.	Pounds of Pyrethrum Per 1,000 cu. ft. when applied at 1 fl oz per 1000 cu. ft.	Percent Pyrethrins in Solution
Concentrate	Water				
Undiluted		1.00	0.00	0.0032 (0.051 g/m <sup>3</sup> )	5.00%
1	1	0.50	0.50	0.0016 (0.025 g/m <sup>3</sup> )	2.47%
1	2	0.33	0.67	0.0011 (0.018 g/m <sup>3</sup> )	1.65%
1	3	0.25	0.75	0.00101 (0.016 g/m <sup>3</sup> )	1.23%
1	4	0.20	0.80	0.00064 (0.010g/m <sup>3</sup> )	0.99%
1	8	0.11	0.89	0.00035 (0.0056 g/m <sup>3</sup> )	0.547%

**FOR USE ON SWEET POTATOES IN STORAGE:** To kill Fruit Flies and Vinegar Flies, dilute this concentrate at 1 part to 24 parts water (9 fluid ounces with one gallon of water (71.37 ml/L)). Apply as a space fog with a mechanical fogger capable of producing particles of aerosol size at the rate of 1 gallon diluted spray per 100,000 cubic feet of space (40 ml/L). Apply only when flying insects are present. Several applications may be necessary during periods of heavy infestation, but do not make more than 10 applications.

**FOR USE ON STORED PRODUCTS:** The product can be used to kill accessible stages of listed insects on the following stored commodities: Almond Nutmeat and Shells, Barley, Beans, Birdseed, Buckwheat, Cocoa Beans, Corn, Cottonseed, Dried Apricots, Dried Fruit, Dried Prunes, Figs, Flax, Grain Nuts, Oats, Peanut, Pistachio, Raisins, Rice, Rye, Sorghum, Tobacco, Wheat, and Walnut Nutmeat and Shells held in storage.

**DRIED FRUIT PRODUCTS IN STORAGE OR BEING PROCESSED:** To kill the following stored product pests: Dried Fruit Beetle and Saw-Toothed Grain Beetle. Remove and destroy infested products. Dilute concentrate at the rate of 1 part concentrate to 8 parts water and mix well. Disperse the solution as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. If the solution is applied as a space spray, use one ounce diluted spray per 1000 cubic feet of space (1 ml diluted spray / m<sup>3</sup> of space). Immediately following application, leave the room closed off for 1 hour. Thoroughly ventilate the treated area before re-entry. Do not apply more than 1 time per day. Sweep up and destroy fallen insects.

**ON ALMONDS, PEANUTS, PISTACIOS AND WALNUTS IN BULK OR IN BAGS:** To kill the following stored product insects: Almond Moths, Angoumois Grain Moths, Ants(excluding fire and Pharaoh ants), Cadelles, Cigarette Beetles, Confused Flour Beetles, Drugstore Beetles, Flat Grain

Beetles, Granary Weevils, Indian Meal Moths, Lesser Grain Borers, Maize Weevils, Mediterranean Flour Moths, Merchant Grain Beetles, Red Flour Beetles, Rice Weevils, Rusty Grain Beetles, Saw-toothed Grain Beetles and Square-necked Grain Beetles, dilute 2.0 fluid ounces of EVERGREEN Pyrethrum Concentrate per gallon (15.86 ml/L) of water and apply as a coarse wet spray over the top of stored nuts or the outside surface of stacked bagged nuts at the rate of 4 gallons per 1000 square feet (165 ml/m<sup>2</sup>). Apply at weekly intervals for about 6 weeks and then at 15-day intervals. The first two applications should be applied at the rate of 4 gallons per 1000 square feet (165 ml/m<sup>2</sup>). and subsequent treatments should be applied at the rate of 2 gallons per 1000 square feet (80 ml/m<sup>2</sup>)..

**TREATMENT OF STORED GRAIN AND SEED AREAS:** For best results to kill stored product pests in grain and seed storage areas and stored grain and seed, treat the area when it is empty of product, as a protectant applied as commodity is put into storage, and as a surface spray once it is in storage.

**FOR USE IN STORAGE SITES:** This concentrate can be used to treat grain and seed in warehouse bins and trucks; cargo ships, mills, bin hoppers, elevators and conveying equipment as a clean up prior to using them for storage. In mills and elevators, all grain-infested accumulations should be removed from the bin hoppers. All storage areas and conveying equipment should be thoroughly cleaned by sweeping out the waste grain, cobwebs and other debris from the walls and rafters as well as on the floor and door frames with special attention to material lodged in the cracks and crevices. All debris should be removed and burned to kill eggs and insects that might be present.

For farms, particular attention should be given to cleaning up around the used feed and grain bags, grain residues from wagons, harvesting equipment and feed troughs. Newly harvested grain should not be placed in the same bin with carry-over grain, and all carry-over grain stocks that are not treated with grain protectant should be fumigated. These cleaning operations should be done within two or three weeks before harvest.

After above sanitation measures have been employed, spray all areas prior to use for storage with 1 part to 22 parts water (6 fluid ounces with one gallon of water) up to 1 part to 8 parts (1 pint (0.5 L) with one gallon (3.78L) of water). Apply at the rate of one gallon per 750 square feet (54 ml/m<sup>2</sup>) on walls, floors, ceilings and partition boards of bins, paying particular attention to forcing the spray into all cracks and crevices.

**FOR USE AS A GRAIN PROTECTANT:** This concentrate when diluted with water and sprayed directly on grains will effectively protect the grain against grain storage insects for a full season or approximately 8 months. Dilute at the rate of 1 part to 22 parts water (6 fluid ounces with one gallon (48 ml/L) of water). Thoroughly mix the emulsion and apply at the rate of 5 gallons (18.9L) per 1000 bushels of grain as it is carried along a belt or as it enters the auger or elevator. This concentrate may be used in combination with a registered fumigant for use on heavily infested stored products

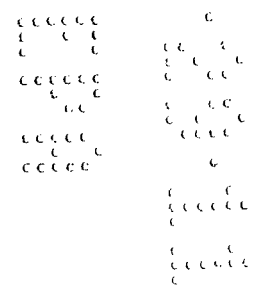
Monthly inspections should be made. If the top 2 or 3 inches (0.6 -0.9 m) are infested, re-treat applying at the rate of 2 gallons (7.56 L) of diluted material per 1000 bushels of stored product

**SURFACE TREATMENT OF STORED GRAIN AND SEED:** To kill Indian Meal Moths, Angoumois Grain Moths and Mediterranean Flour Moths, monthly inspections should be made after the grain is placed in storage. If the top two or three inches are infested, dilute 1 part EVERGREEN Pyrethrum Concentrate with 14 parts of water and apply at the rate of 2 gallons per 1000 square feet (80ml/m<sup>2</sup>) of grain. Rake the mixture into the grain to a depth of 4 inches (1.2 m) .

**FOR USE ON LISTED ANIMALS:**

- 1) To kill poultry lice, using a dilution of 2.5 to 4 fluid ounces of concentrate per gallon (20 ml to 32 ml/L) of water. Spray roosts, walls and nests or cages thoroughly. It is not necessary to remove poultry from the housing unit during treatment. This should be followed by spraying over the birds with a fine mist.
- 2) To kill mites on poultry and in poultry houses, dilute at the rate of 2.5 to 4 fluid ounces per gallon (20 ml to 32 ml/L) of water and spray crevices of roost poles, cracks in walls and cracks in nests where the mites hide. This should be followed by spraying over the birds with a fine mist.
- 3) To kill adult darkling beetle (lesser meal worm) in poultry houses, dilute 2.0 – 5.0 teaspoons (10 – 25 ml) of EVERGREEN Pyrethrum Concentrate per gallon of water. Using a power or proportioner-type sprayer, apply a uniform spray until wet at pressures of 80 to 100 pounds per square inch to surfaces such as interior walls, roosting posts, structural support pillars, and other surfaces where adult beetles are observed. One gallon of spray mixture covers 250 – 500 square feet (23 m<sup>2</sup> – 46 m<sup>2</sup>) . Do not contaminate food/feed or water. For maximum effectiveness, treatments should coincide with each grow out or sanitation procedure. Indoor control can be enhanced by making perimeter treatments around the outside of buildings. To prevent immigrating adult beetles, apply a uniform band of spray 2 feet (0.6 m) up and 1-4 feet (0.3 – 1.2 m) out from the foundation.

**FOR USE IN BARN, DAIRIES, MILKING PARLORS, MILKING ROOMS AND POULTRY HOUSES:** To kill the following flying insects : Fruit Flies, Gnats and Small Flying Moths, dilute at the rate of 2.5 fluid ounces per gallon (19.82 ml/L) of water. Apply as a fog or fine mist (at approximately 2 fluid ounces per 1000 cubic feet of space (2.08 ml/m<sup>3</sup>), directing the nozzle for maximum coverage and above livestock and poultry toward the ceiling and upper corners of the area being treated. For best results, close doors and windows before spraying, and keep them closed for 15 minutes immediately following application. Applicator should exit the treated area immediately, and thoroughly ventilate it before re-entry. Sweep up and destroy fallen insects.



## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep this product in its tightly closed original container, when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

**PESTICIDE DISPOSAL:**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

[For containers with capacities equal to or less than 5 Gallons (18.9 L)]:

Triple Rinse as follows Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pressure rinse as follows [for containers greater than 5 Gallons (18.9L) too large to shake]: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Net Contents \_\_\_\_\_

Manufactured by:

Mc LAUGHLIN GORMLEY KING COMPANY

8810 Tenth Avenue North

Minneapolis, MN 55427

EPA Reg. No. 1021-2560

EPA Est. No. 1021-MN-2

