

1021-1770

10/23/2008

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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

October 23, 2008

Mr. Daniel J. Barringer, Registration Specialist  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4319

**Subject: Amended Labeling & Revised Basic CSF  
EVERGREEN® Crop Protection EC 60-6, EPA Reg. No. 1021-1770  
Your Submission Dated June 3, 2008**

Dear Mr. Barringer:

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."

First Aid Statement section comment(s):

2. To facilitate inclusion of revised language from the acute toxicity review completed for this product, replace this section with:

<b>FIRST AID</b>	
IF SWALLOWED:	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</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 a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING:	<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>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-740-8712.	

Precautionary Statements, Hazards to Humans and Domestic Animals subsection comment(s):

3. To facilitate inclusion of revised language from the acute toxicity review completed for this product, replace this section with: "Harmful if swallowed. Avoid contact with skin 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 (such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton, Selection Category E). Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse."<sup>1</sup>

<sup>1</sup> For more detailed information, please refer to page 3 of 20 of the acute toxicity review for this product

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Precautionary Statements, Personal Protection Equipment (PPE) subsection comment(s):

- 4. To facilitate inclusion of language from the REDs for pyrethrins and piperonyl butoxide, add the following text immediately following the 2<sup>nd</sup> paragraph in this subsection as follows:

"In addition to the above PPE, applicators using hand-held foggers in an enclosed area must wear a half-face, full-face or hood-style NIOSH-approved respirator with:

- A dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C), or
- A canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- A cartridge or canister with any R, P or HE filter.

See engineering controls for additional requirements."

- 5. Replace the existing 3<sup>rd</sup> and 4<sup>th</sup> paragraphs in the PPE subsection with:

"USER SAFETY REQUIREMENTS

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

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers."

Environmental Hazards section comment(s):

- 6. To facilitate inclusion of language from the REDs for pyrethrins and piperonyl butoxide, replace this section with:

"ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and run-off may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through run-off. This product has a potential for run-off for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce run-off that contains this product.

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.

Except as specified in the directions for use, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate. **See separate directions and precautions for mosquito control applications."**

**ENVIRONMENTAL HAZARDS FOR WIDE-AREA MOSQUITO ADULTICIDE APPLICATIONS**

This pesticide is toxic to aquatic organisms, including fish and invertebrates. Run-off from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates.

When applying as a wide-area mosquito adulticide, before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist."

Environmental Hazards section comment(s), continued:

"This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply when bees are visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the bases of documented evidence of disease agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

When applying as a wide-area mosquito adulticide, do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body."

Physical and Chemical Hazards section comment(s):

- 7. To facilitate inclusion of revised language from the product chemistry review completed for this product, as specified in 40 CFR §156.78(c), revise this section to read: "**Combustible**. Do not use or store near heat or open flame."<sup>2</sup>

Directions for Use section comment(s):

- 8. To facilitate inclusion of language from the REDs for pyrethrins and piperonyl butoxide, add the following new subsection in its own text box immediately following the statement "It is a violation of ..." as follows:

<p><b>GENERAL PRECAUTIONS &amp; USE RESTRICTIONS</b></p> <ul style="list-style-type: none"> <li>• Apply this product only as specified on this label.</li> <li>• See separate directions and precautions for mosquito control applications.</li> <li>• Do not contaminate of food or feedstuffs.</li> <li>• Except when (insert application method or site that allows people to be present), do not enter or allow others to enter until vapors, mists and aerosols have dispersed, and the area has been thoroughly ventilated.</li> <li>• Except when (insert application method or site that allows people to be present), do not apply this product in a way that will contact workers or other persons, either directly or through drift.</li> <li>• Except when (insert application method or site that allows people to be present), only protected handlers may be in the area during application.</li> <li>• Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.</li> <li>• Remove or cover exposed food and drinking water before application.</li> <li>• Remove or cover dishes, utensils, food processing equipment and food preparation surfaces, or wash them before use.</li> <li>• For direct application to non-domestic animals/livestock: Do not apply more than 1 time per day.</li> <li>• 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.</li> <li>• When used in indoor food handling/processing facilities: Do not make space spray applications when facility is in operation. During space spray applications, cover or remove exposed food. During space spray applications, cover food processing surfaces or clean after treatment with a suitable detergent, rinse with potable water before use. Do not apply more than 1 time per day.</li> <li>• For food crops growing outdoors or in greenhouses in agricultural settings: Do not apply more than 10 times per season. Do not re-apply within 3 days except under extreme pest pressure. In case of extreme pest pressure, do not re-apply within 24 hours. Do not harvest until spray has dried. Do not apply to cotton within 14 days of seed harvest.</li> <li>• For post-harvest applications to vegetables, fruits, nuts and other commodities: Do not re-apply within 7 days. Do not apply more than 10 times to sweet potatoes.</li> <li>• For post-harvest applications to stored grains and seed: Do not re-apply within 30 days.</li> <li>• For greenhouse grown ornamental, flowering and foliage plants: Do not apply more than 1 time per day.</li> <li>• Remove pets, birds and cover fish aquariums before application.</li> </ul>
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<sup>2</sup> For more detailed information, please refer to page 2 of 3 of the product chemistry review for this product

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Storage and Disposal Statement section comment(s):

9. To facilitate inclusion of language from PR Notice 2007-1, replace this section with:

**STORAGE & DISPOSAL**

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

**Pesticide Storage:** Keep this product in a tightly closed container, when not in use. Store in a cool, dry, well-ventilated area.

**Pesticide Disposal:** Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Conditional Data Gaps:

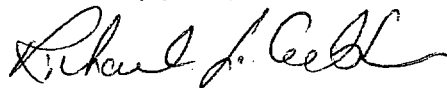
10. Within one (1) year from the date of approval of this label amendment, McLaughlin Gormley King Company is obligated to submit a One Year Storage Stability (830.6317) study and a Corrosion Characteristics (830.6320) study on this product in support of this registration.<sup>3</sup>

McLaughlin Gormley King Company should note that a notice of availability of EPA's RED for products containing pyrethrins was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42387-42389). In addition, EPA's RED for products containing piperonyl butoxide was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42385-42386). As a result, additional data and/or labeling changes may be required for products containing pyrethrins and/or piperonyl butoxide.

A copy of your label stamped "Accepted with Comments" along with copies of the acute toxicity and product chemistry reviews are 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.

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

Sincerely yours,



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

*Enclosures: Copy of label stamped "Accepted with Comments"*  
*Copy of product chemistry review, dated September 16, 2008*  
*Copy of acute toxicity review, dated September 24, 2008*

001021-01770 D394739

<sup>3</sup> For more detailed information, please refer to page 2 of 3 of the product chemistry review for this product

**MGK**<sup>®</sup>McLAUGHLIN  
GORMLEY  
KING COMPANYEVERGREEN<sup>®</sup> Crop Protection EC 60-6

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

**Multi-purpose Insecticide**

For use on growing crops, ornamentals, stored products, livestock and fruit fly control on harvested fruits and vegetables

Used alone as a clean-up spray or a pre-harvest spray

**ACTIVE INGREDIENTS:**

Pyrethrins .....	6.00%
* Piperonyl butoxide, Technical .....	60.00%
OTHER INGREDIENTS .....	34.00%
	100.00%

\* Equivalent to 48.00% (butylcarbityl) (6-propylpiperonyl) ether and 12.00% related compounds

EVERGREEN<sup>®</sup> - Registered trademark of McLaughlin Gormley King Company  
Contains 8.46 lbs/gal (Contains 0.51 lbs/gal of Pyrethrin, 5.1 lbs/gal of Piperonyl Butoxide)**KEEP OUT OF REACH OF CHILDREN****CAUTION**

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> <li>Immediately call a poison control center or doctor.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give any liquid to the person.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
IF IN EYES:	<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>
IF ON SKIN OR CLOTHING:	<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>
For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-740-8712.	

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

Manufactured by:

Mc LAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1770

EPA Est. No. 1021-MN-2

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated***October 23, 2008*  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.1021-1770**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before reuse. Avoid contamination of food and feedstuffs. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE) [Professional]**

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 who may be exposed to the dilute and/or concentrate through application or other tasks must wear:

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton;
- Shoes plus socks; and
- Protective eyewear.

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

When handlers use aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240 (d) (4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations:**

Users should:

- Wash hands 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.

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### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment wash waters. 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.

See separate directions and precautions for mosquito control applications.

### ENVIRONMENTAL HAZARDS FOR MOSQUITO CONTROL APPLICATIONS

This pesticide is highly toxic to fish. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow drift when bees are actively visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes, or the occurrence of mosquito-borne disease in animal or human population, or if specifically approved by the state or tribe during a natural disaster recovery effort.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

### DIRECTIONS FOR USE

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

~~Except when applying this product as a wide-area mosquito adulticide, do not enter or allow others to enter until sprays have dried. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.~~

See separate directions and precautions for mosquito control applications.

~~Do not apply space-spray while food-processing is underway. Cover or remove all 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 cleaning compound followed by a potable water-rinse to remove all traces of contamination.~~

~~Remove pets and birds and cover fish aquariums before spraying.~~

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR, Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water, is:

- Coveralls;
- Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton;
- Shoes plus socks; and
- Protective eyewear.

### 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.

USED ALONE: This concentrate can be used also as a clean up or a pre-harvest spray where other materials cannot be used because of residue restrictions. Contains natural pyrethrins.

USED IN COMBINATION WITH OTHER INSECTICIDES: Evergreen® Crop Protection EC 60-6 may be combined with other insecticides and acaricides where resistance may be a problem and to provide a flushing of insects from hiding and into contact with other spray residues for quicker and more complete control. The application must conform to the accepted use precautions and directions for both products.

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

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.

Apply 2 to 16 ounces per acre and repeat if required to maintain effective control. Use in sufficient water for thorough coverage of upper and lower leaf surfaces unless otherwise noted. This product may be applied by air in no less than 2 gallons of water per acre and by ground in no less than 10 gallons of water per acre. It is recommended that the final spray mix be buffered to a pH of 5.5-7.0.

This concentrate is relatively non-toxic to honey bees. To avoid possible harm to honey bees, it is advisable to apply in the early morning or late evening hours.

USE THROUGH IRRIGATION SYSTEMS (CHEMIGATION): Refer to supplemental labeling entitled "DIRECTIONS FOR APPLICATION THROUGH IRRIGATION SYSTEMS" (available through your distributor) for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on the chemigation is followed.

## GROWING CROPS (OUTDOORS AND IN GREENHOUSES):

Evergreen® Crop Protection EC 60-6 may be used on most crops because its active ingredients are exempt from tolerances when applied to growing crops. The crop-grouping scheme used on this label was devised by the Environmental Protection Agency to expedite minor use pesticide registration. Each crop grouping on this label contains the phrase "including, but not limited to," and then lists a number of crops in each group. This wording allows the use of Evergreen® Crop Protection EC 60-6 on crops that may not be specifically listed on this label (providing that the group to which the crop belongs is listed).

ROOT AND TUBER VEGETABLES: ~~Including (but not limited to)~~ Arracacha, Arrowroot, Purple Arrowroot, Japanese Artichoke, Jerusalem Artichoke, Garden Beets, Sugar Beets, Edible Burdock, Edible Cannas, Carrots, Cassava (bitter or sweet), Celeriac (celery root), Chayote, Chervil (turnip rooted), Chicory, Chufa, Dasheen, Ginger, Ginseng, Horseradish, Leren, Parsley (turnip rooted), Parsnip, Potato, Radish, Japanese Radish (Daikon), Rutabaga, Salsify, Black Salsify, Spanish Salsify, Skirret, Sweet Potato, Tanier, Turmeric, Turnip, Yam (true), Yam Bean.

LEAVES OF ROOT AND TUBER VEGETABLES: ~~Including (but not limited to)~~ Garden Beet, Sugar Beet, Edible Burdock, Carrot, Cassava (bitter or sweet), Celeriac (celery root), Chervil (Turnip Rooted), Chicory, Dasheen (taro), Parsnip, Radish, Japanese Radish (Daikon), Rutabaga, Black Salsify, Sweet Potato, Tanier, Turnip, Yam (true).

BULB VEGETABLES: (Allium spp.): ~~Including (but not limited to)~~ Garlic, Great-headed Garlic, Leek, Onion (dry bulb and green), Onion, Welsh, Shallot.

LEAFY VEGETABLES: ~~Including (but not limited to)~~ Amaranth (Leafy Amaranth, Chinese Spinach, Tampala), Arrugula, Cardoon, Celery, Chinese Celery, Celluce, Chervil, Cilantro, Corn Salad, Chrysanthemum (edible leaved), Chrysanthemum (garland), Cress (garden, water), Upland Cress (yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Fennel (Florence), Lettuce (head and leafy), Orach, Parsley, Purslane (garden & winter), Radicchio, Rhubarb, Spinach, Vine Spinach (Malabar, Indian), Spinach (New Zealand), Swiss Chard.

BRASSICA (COLE) LEAFY VEGETABLES: ~~Including (but not limited to)~~ Broccoli, Chinese Broccoli (Gai Lan), Broccoli raab (Rapini), Brussels Sprouts, Cabbage, Chinese Cabbage (Bok Choy), Chinese Cabbage (Napa), Chinese Mustard Cabbage (Gai Choy), Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens.

LEGUME VEGETABLES (SUCCULENT OR DRIED): ~~Including (but not limited to)~~ Adzuki Beans, Field Beans, Kidney Beans, Lima Beans, Moth Beans, Mung Beans, Navy Beans, Pinto Beans, Rice Beans, Runner Beans, Snap Beans, Tepary Beans, Urd Beans, Wax Beans, Asparagus Beans, Black-eyed Peas, Catjang, Chinese Longbeans, Cowpeas, Crowder Peas, Southern Peas, Yardlong Beans, Broad Beans (Fava Beans), Chick Peas (Garbanzo Beans), Guar, Jackbean (Sword Bean), Lablab Bean (Hyacinth Bean), Lentils, Peas (Edible Pod Pea, Garden Peas, Field Peas, Sugar Snap Peas, English Pea, Snow Pea), Pigeon Peas, Soybeans, Sweet Lupin Beans, White Lupin Beans, White Sweet Lupin, Sword Bean.

FOLIAGE OF LEGUME VEGETABLES: ~~Including (but not limited to)~~ Plant parts of any legume vegetable included in the legume vegetable group that will be used as animal feed including any variety of Beans, Field Peas, Soybeans.

FRUITING VEGETABLES: ~~Including (but not limited to)~~ Eggplant, Ground Cherry, Okra, Pepino, Pepper (Bell Pepper, Chili Peppers, Cooking Peppers, Pimentos, Sweet Peppers), Tomatillo, Tomato.

CUCURBIT VEGETABLES: ~~Including (but not limited to)~~ Balsam Apple, Balsam Pear (Bitter Melon), Chayote, Chinese Waxgourd (Chinese preserving melon), Chinese Cucumber, Citron Melon, Cucumber, Gherkin, Edible Gourds, Muskmelons (including hybrids, Cantaloupe, Casaba, Crenshaw, Golden Pershaw Melon, Honeydew Melons, Honey Balls, Mango Melon,

Muskmelon, Persian Melon, Pineapple Melon, Santa Claus Melon, Snake Melon), Pumpkin, Squash (summer & winter), Watermelon (including hybrids).

CITRUS FRUITS: ~~Including (but not limited to)~~ Calamondin, Citrus, Citron, Citrus Hybrids, Grapefruit, Kumquats, Lemons, Limes, Mandarin (Tangerine), Orange (sweet & sour), Pummelo, Satsuma Mandarin, (Citrus spp. Includes Chironja, Tangelos, Tangelo's).

POME FRUITS: ~~Including (but not limited to)~~ Apple, Crabapple, Loquat, Mayhaw, Pear, Oriental Pear, Quince.

STONE FRUITS: ~~Including (but not limited to)~~ Apricot, Cherry (sweet & sour), Nectarine, Peach, Plum, Prune, Chickasaw Plum, Damson Plum, Japanese Plum, Plumcot.

SMALL FRUITS AND BERRIES: ~~Including (but not limited to)~~ Blackberry, Blueberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Grape, Huckleberry, Loganberry, Olallie Berry, Raspberry (black & red), Strawberry, Youngberry.

TREE NUTS: ~~Including (but not limited to)~~ Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia Nut (Bush Nut), Pecan, Pistachio, Walnut, Black and English (Persian).

ORIENTAL VEGETABLES: ~~Including (but not limited to)~~ Acerola, Atemoya, Balsam Pear (bitter melon), Carambola, Japanese Artichoke, Chinese Broccoli (Gai Lan), Chinese Cabbage (Bok Choy, Napa), Chinese Mustard Cabbage (Gai Choy), Dasheen, Ginger, Ginseng, Chinese Longbeans, Mung Beans, Citron Melon, Balsam Pear (Bitter Melon), Japanese Radish (Daikon), Chinese Spinach, Chinese Waxgourd, Cilantro, Citron Melon, Rambutan, Water Chestnuts.

SUBTROPICAL FRUITS: Avocado, Banana, Carob, Barbados Cherry, Cherimoya, Dates, Durian (Jackfruit), Feijoa, Figs, Guava, Kiwifruit, Lychee, Mango, Papaya, Passion Fruit, Paw Paw, Persimmon, Pineapple, Pomegranate.

ADDITIONAL CROPS: ~~Including~~ Artichoke, Asparagus, Avocado, Coffee, Cotton, Hops, Jojoba, Mushroom, Okra, Peanuts, Pineapple, Safflowers, Sesame, Sugar Cane, Sunflowers, Tea.

CEREAL GRAINS: ~~Including (but not limited to)~~ Barley, Buckwheat, Corn (sweet and field), Millet, Proso, Oats, Millet, Pearl, Popcorn, Rice, Rye, Sorghum (Milo), Teosine, Triticale, Wheat, Wild Rice.

FORAGE, FODDER AND STRAW OF CEREAL GRAINS: ~~Including (but not limited to)~~ barley; buckwheat; corn (sweet and field); millet; proso; oats; pearl; popcorn; rice; rye; sorghum (milo); teosine; triticale; wheat; wild rice.

GRASSES FOR SEED, FORAGE, FODDER AND HAY: ~~Including (but not limited to)~~ any grass (Gramineal family, (green or cured), except sugarcane and those listed in the cereal grains group) that will be fed to or grazed by livestock, all pasture and range grasses and grasses grown for hay or silage, Bermuda Grass, Bluegrass, Bromegrass, Fescue.

NON-GRASS ANIMAL FEEDS: ~~Including (but not limited to)~~ Alfalfa, Velvet Bean, Clover, Kudzu, Lespedeza, Lupin, Sainfoin, Trefoil, Crown Vetch, Milk Vetch.

HERBS AND SPICES: ~~Including (but not limited to)~~ Allspice, Angelica, Anise (Anise seed), Annatto, Balm, Basil, Borage, Burnet, Camomile, Capers Buds, Caraway, Black Caraway, Cardamon, Cassia bark, Cassia buds, Catnip, Celery Seed, Chervil dried, Chives, Chinese Chive, Clary, Clove Buds, Coriander (cilantro or Chinese parsley leaf), Coriander (cilantro seed), Costmary, Cilantro, Cumin, Curry Leaf, Dill (dill weed), Dill (seed), Fennel (Italian and Sweet), Fenugreek, Grains of Paradise, Horehound, Hyssop, Juniper berry, Lavender, Lemongrass, Lovage (leaf & seed), Mace, Marigold, Sweet Marjoram, Wild Marjoram, Mustard (seed), Nasturtium, Nutmeg, Parsley, Oregano, Mint, Paprika, Parsley, Pennyroyal, Pepper (black &

white), Poppy seed, Rosemary, Rue, Saffron, Sage, Savory, Summer and Winter Savory, Sweet Bay (Bay Leaf), Tansy, Tarragon, Thyme, Vanilla, Wintergreen, Woodruff, Wormwood.

ORNAMENTALS: Including (but not limited to): African Violet, Ageratum, Aster, Azalea, Begonia, Cacti, Calceolaria, Calendula, Calla, Camellia, Carnation, Ceanothus, Cineraria, Chrysanthemum, Coleus, Cyclamen, Cypress, Daffodil, Dahlia, Delphinium, Dogwood, Fern, Ficus, Foliage Plants, Fuschia, Gardenia, Geranium, Gladiolus, Gloxinia, Gypsophila, Holly, Hyacinth, Hydrangea, Iris, Lilies, Maidenhair Fern, Marigold, Juniper, Narcissus, Palm, Pansy, Pelargonium, Peony, Petunia, Philodendron, Phlox, Pine, Pyracantha, Rhododendron, Roses, Rubber Plant, Snapdragon, Stock, Sweet Pea, Tulips, Viburnum, Wandering Jew, Yew, Zinnia and Andromeda, Arborvitae, Ash, Beech, Birch, Boxwood, Cotoneaster, Crabapple, Dogwood, Elm, Euonymus, Fir, Firethorn, Forsythia, Hawthorn, Hemlock, Hickory, Holly, Honey Locust, Horse Chestnut, Juniper, Larch, Laurel, Lilac, Linden, Mimosa (Silk Tree), Myrtle, Oak, Pine, Privet, Tulip Tree, Viburnum, Willow, Yew.

FOR THE CONTROL OF INSECTS: Such as Ants, Aphids, Apple Maggot, Armyworms, Artichoke Plume Moth, Asparagus Beetle, Beet Armyworm, Bagworm, Bean Beetles, Blister Beetles, Blow Flies, Biting Flies, Boll Weevil, Cabbage Looper, Cankerworms, Carrot Weevil, Caterpillars, Clover Mite, Clover Weevil, Cockroaches, 12-spotted Cucumber Beetle, Codling Moth, Colorado Potato Beetles, Corn Earworm, Crickets, Crane Flies, Cross-striped Cabbageworm, Cucumber Beetles, Deer Fly, Deer Tick, Earwigs, Diamondback Moth Larvae, Eastern Tent Caterpillar, Elm Leaf Beetle, European Corn Borer, European Pine Tip Moth, Face Fly, Fall Webworm, Fire Ants, Firebrats, Fireworms, Flea Beetles, Flies, Forest Tent Caterpillar, Fungus Gnats, Fruit Flies, Fruittree Leafroller, Grape Leafhopper, Grape Leaf Skeletonizer, Grasshoppers, Green Fruit Worm, Green Peach Aphids, Greenhouse Thrips, Gypsy Moth (adults & larvae), Harlequin Bug, Heliothis sp., Hornets, Horn Fly, Hornworm, Horse Fly, House Fly, Imported Cabbageworm, Indian Meal Moth, Imported Cabbageworm, Japanese Beetle, Katydid, Lace Bugs, Leafhopper, Leafrollers, Leaf-tiers, Lice, Loopers, Lygus, Mealy Bugs, Mediterranean Flour Moth, Mexican Bean Beetle, Midge, Millipedes, Mosquitoes, Mushroom Flies, Navel Orangeworm, Onion Maggot, Pear Psylla, Potato Leafhopper, Psyllids, Rice Weevil, Saw Toothed Grain Beetle, Silverfish, Skippers, Sowbugs, Stable Fly, Stink Bugs, Spiders, Tabanidae, Tarnished Plant Bug, Thrips, Tomato Hornworm, Vinegar Flies, Wasps, Webworms, Whiteflies and Yellow jackets.

USE ON GREENHOUSE FRUIT, VEGETABLE, FLOWER AND FOLIAGE PLANTS:

Used alone: Combine 12 to 24 ounces of Evergreen® Crop Protection EC 60-6 with 100 gallons of water for applications with conventional hydraulic sprayers or 1 to 2 teaspoons per gallon of water for applications with compressed air sprayers.

USED IN COMBINATION WITH OTHER INSECTICIDES: To provide quick knockdown of insects when used with a residual insecticide, tank-mix 1 to 4 ounces of Evergreen® Crop Protection EC 60-6 with the proper amount of companion insecticide, tank mix 1 to 4 ounces of Evergreen® Crop Protection EC 60-6 with the proper amount of companion insecticide in 100 gallons of water and apply with a conventional hydraulic sprayer.

Applications must be made in accordance with the more restrictive 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.

**IMPORTANT NOTE:** Plant safety is an important consideration when using insecticides in a greenhouse. However, it is not possible to evaluate the phytotoxicity of Evergreen® Crop Protection EC 60-6 towards numerous plant varieties that may react differently to insecticides in different growth stages or under varying environmental conditions. Before making widespread applications of Evergreen® Crop Protection EC 60-6, treat a limited number of plants and observe for phytotoxicity over a 10 day period.

FOR USE OUTDOORS ON TREES, SHRUBS, FLOWERS AND FOLIAGE PLANTS:

Used alone: Combine 12 to 24 ounces of Evergreen® Crop Protection EC 60-6 with 100 gallons of water for applications with conventional hydraulic and air blast sprayers or 12 to 24 ounces of Evergreen® Crop Protection EC 60-6 with 10 gallons of water for applications with low volume mist blowers or 1 to 2 teaspoons per gallon water for applications with compressed air sprayers.

USED IN COMBINATION WITH OTHER INSECTICIDES: To provide quick knockdown of insects when used with a residual insecticide, tank mix 1 to 4 ounces of Evergreen® Crop Protection EC 60-6 with the proper amount of companion insecticide in 100 gallons of water (10 gallons of water for low volume application with mist blowers) and apply with conventional hydraulic or air blast sprayers.

Applications must be made in accordance with the more restrictive 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.

FOR CONTROL OF GYPSY MOTH CATERPILLARS AND ADULTS: Combine 8 to 12 ounce of Evergreen® Crop Protection EC 60-6 with 100 gallons of water for applications with conventional hydraulic sprayers or 8 to 12 ounces of Evergreen® Crop Protection EC 60-6 with 10 gallons of water for applications with air blast sprayers. To provide quick knockdown or gypsy moth caterpillars when used with a residual insecticide, tank-mix 1 to 4 ounces of Evergreen® Crop Protection EC 60-6 with the proper amount of companion insecticide in 100 gallons of water (10 gallons of water for air blast sprayers) and apply with a conventional hydraulic sprayer.

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.

USE INDOORS ON TREES, SHRUBS, FLOWERS AND FOLIAGE PLANTS:

USED ALONE: Combine 12 to 24 ounces of Evergreen® Crop Protection EC 60-6 with 100 gallons of water for applications with conventional hydraulic sprayers or 1 to 2 teaspoons of Evergreen® Crop Protection EC 60-6 per gallon of water for applications with compressed air sprayers.

USED IN COMBINATION WITH OTHER INSECTICIDES: To provide quick knockdown of insects when used with a residual insecticide, tank-mix 1 to 4 ounces of Evergreen® Crop Protection EC 60-6 with the proper amount of companion insecticide in 100 gallons of water and apply with a conventional hydraulic sprayer. 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.

USE WITH HYDROPONICALLY GROWN VEGETABLES

AS A WATER SYSTEM TREATMENT: To control aquatic diptera larvae, apply Evergreen® Crop Protection EC 60-6 to the water at the rates outlined in the following table:

<u>Pyrethrins Concentration</u>	<u>ml of Evergreen® EC 60-6</u>	<u>Gallons of Water</u>
0.1 ppm	64.6	10,000
0.01 ppm	6.46	10,000
0.001 ppm	0.646	10,000

FOR USE AROUND HOMES AND OTHER BUILDINGS: In grassy undeveloped areas use this concentrate at 1 part to 59 parts water to control foraging fire ants. Also spray grassy areas around yard borders liberally to control ticks that may carry Lyme Disease.

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FOR USE ON HARVESTED FRUITS AND VEGETABLES: Including 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 control *Drosophila* spp., *Tephritid* spp. fruit flies, Vinegar Flies and other nuisance pests dilute this concentrate at the rate of 1 part with 1,200 parts water (1 pint per 150 gallons or 1 teaspoon per 12.5 pints 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 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. It not only kills the flies, but the emulsion loosens any dead flies so they are readily washed from the fruit.
- 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.

FOR USE IN CANNERIES: The entire space inside of the cannery should be sprayed after washing and cleaning up and just before bringing produce into it, with this product diluted 1 part to 29 parts of water (1 quart with 7.5 gallons water) up to 1 part to 11 parts of water (1 quart with 3 gallons water). Use 1 gallon of the spray per 750 square feet, directing it on walls, ceiling, and floors paying special attention to forcing the spray into all cracks and crevices for the control of ants, roaches, silverfish, crickets, spiders and cheese mites. This same dilution used as a space spray will give excellent control of fruit flies, houseflies, hornets, grain moths, gnats, mosquitoes, and skipper flies. Use one ounce diluted spray per 1000 cubic feet of space. Do not spray while the plant is in operation as dead flies may fall into containers or the products being processed.

AS A SPACE SPRAY IN FOOD AND NONFOOD AREAS OF FOOD PROCESSING PLANTS, INDUSTRIAL INSTALLATION, BAKERIES, RICE AND WHEAT MILLS, RESTAURANTS, TOBACCO WAREHOUSE, GRAIN ELEVATORS, HOMES, AND WAREHOUSES: To kill flying insects such as fruit flies, house flies, hornets, wasps, grain moths, gnats, mosquitoes and skipper flies, dilute this concentrate at the rate of 1 part with 29 parts water (1 quart with 7.5 gallons water) up to 1 part to 11 parts water (1 quart with 3 gallons water). Use at the rate of 1/2 to 1 ounce of diluted spray per 1000 cubic feet of space. Direct the space treatment upward and whenever practical, keep doors and windows closed for at least 10 minutes after application. The use of this product in food processing or food handling establishments should be confined to time periods when the plant is not in operation. Food should be removed or covered during treatments. All food processing surfaces should be covered during treatment or thoroughly cleaned before use.

Where oil residues are not undesirable, this product can be diluted at the rate of 1 part to 29 parts up to 1 part to 11 parts in deodorized base oil instead of water and applied as a space spray with any good type applicator such as mechanical or ULV fogger capable of producing particles of aerosol size.

CRAWLING AND FLYING INSECTS: For control of accessible, exposed stages of CRAWLING INSECTS including but not limited to, Ants, Cockroaches, Cadelles, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Dried Fruit Beetles, Drugstore Beetles, Grain Mites, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Spider Beetles, Yellow Mealworms and FLYING INSECTS including, but not limited to, Angoumois Grain Moths, Cheese Skippers, Fruit Flies, Fungus Gnats, Gnats, House Flies, Indian Meal Moths,

Mosquitoes, Mediterranean Flour Moths, Small Flying Moths, Tobacco Moths, dilute 1 part of Evergreen® Crop Protection EC 60-6 with 11 parts of water or oil (10.67 ounces per gallon) and apply at the rate of 1 ounce per 1,000 cubic feet of space. Direct the spray towards the ceiling and upper corners of the area and behind obstructions. Vacate the treated area and keep the area closed for at least 30 minutes after treatment. Ventilate the area before reoccupying. Repeat treatment as necessary.

USE AS A SURFACE SPRAY IN HOMES, RESTAURANTS, FOOD PROCESSING PLANTS, INDUSTRIAL INSTALLATIONS AND WAREHOUSES: to control accessible, exposed stages of crawling insects including, but not limited to, Ants, Cockroaches, Cadelles, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Dried Fruit Beetles, Drugstore Beetles, Grain Mites, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Spider Beetles, Yellow Mealworms, dilute 1 part Evergreen® Crop Protection EC 60-6 with 59 parts water and apply at the rate of 1 gallon to 750 square feet, paying special attention to force the spray into all cracks and crevices.

Except in Federally inspected meat and poultry plants, food processing operations may continue when this product is applied as a surface spray with care and in accordance with the directions and precautions given above.

To control accessible, exposed stages of crawling insects including, but not limited to, ants, cockroaches, cadelles, cigarette beetles, confused flour beetles, dark mealworms, dried fruit beetles, drugstore beetles, grain mites, red flour beetles, rice weevils, saw-toothed grain beetles, spider beetles, yellow mealworms, dilute 1 part Evergreen® Crop Protection EC 60-6 with 19 parts of water and apply at the rate of 1 gallon to 750 square feet, paying special attention to force the spray into all cracks and crevices.

FOR USE ON SWEET POTATOES IN STORAGE: For control of Fruit Flies and Vinegar Flies dilute this concentrate at 1 part to 19 parts water (6.4 fluid ounces per gallon). 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. Apply only when flying insects are present. Several applications may be necessary during period of heavy infestation, but do not make more than 10 applications

FOR USE ON STORED PRODUCTS: This concentrate can be used at the rate of 1 part to 29 parts up to 1 part to 11 parts water or deodorized base oil can be used on rice, barley, beans, birdseed, buckwheat, cocoa beans, corn, cottonseed, flax, oats, grain nuts, dried fruit, almond nutmeat and shells, walnut nutmeat and shells, pistachio, dried prunes, dried apricots, raisins, figs, wheat, rye, sorghum, tobacco and peanuts held in storage for control of the accessible stages of Almond Moths, Angoumois Grain Moths, Cadelles Beetles, Cigarette Beetle, Confused Flour Beetles, Flat Grain Beetles, Granary Weevils, Indian Meal Moths, Red Flour Beetles, Rice Weevils, Rusty Grain Beetles, Saw-toothed Grain Beetles, Square Necked Grain Beetles, and Tobacco Moths.

SURFACE TREATMENT OF STORED GRAIN AND SEED: To control Indian Meal Moths, Angoumois Grain Moths and Mediterranean Flour Moth, 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® Crop Protection EC 60-6 with 19 parts of water and apply at the rate of 1 to 2 gallons per 1,000 square feet of grain. Rake the mixture into the grain to a depth of 4 inches.

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 29 parts water (1 quart with 7.5 gallons water). Thoroughly mix the emulsion and apply at the rate of 4 to 5 gallons 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

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ON ALMONDS, PEANUTS AND WALNUTS IN BULK OR IN BAGS: To control stored product insects such as, Almond Moths, Angoumois Grain Moths, 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 1.5 ounces of Evergreen® Crop Protection EC 60-6 per gallon 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 1,000 square feet. 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 1,000 square feet and subsequent treatments should be applied at the rate of 2 gallons per 1,000 square feet.

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 infested accumulations of grain 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 of the 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 29 parts water (1 quart with 7.5 gallons water) up to 1 part to 11 parts (1 quart with 3 gallons water). Apply at the rate of one gallon per 750 square feet on walls, floors, ceilings and partition boards of bins, paying particular attention to forcing the spray into all cracks and crevices.

Monthly inspections should be made. If the top 2 or 3 inches are found to be infested, re-treat applying at the rate of 1 to 2 gallons of diluted material per 1000 bushels of stored product.

#### FOR USE AS A LIVESTOCK AND POULTRY SPRAY:

- 1) To kill and repel horn flies, houseflies, mosquitoes and gnats, dilute at the rate of 1 to 2 fluid ounces per gallon of water and apply to wet the hair thoroughly with particular attention to topline, underline, flanks, withers and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.
- 2) To kill and repel stable flies, horse flies, and deer flies, dilute at the rate of 2 to 3 fluid ounces per gallon of water and apply at a quart per adult animal to wet the hair thoroughly with particular attention to the legs, flanks, barrel, topline and other body areas commonly attacked by these flies. Repeat treatment each week as needed.
- 3) To kill and repel face flies dilute at the rate of 2 fluid ounces per gallon of water and apply using spray which produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1-1/2 ounces per animal. Repeat daily as needed.
- 4) For effective control of biting and sucking lice on cattle, horses, sheep, goats and hogs, dilute at the rate of 1 quart with 75 gallons of water (1 fluid ounce with 2 gallons) and spray to thoroughly wet the hair of the animal including the head and brush of the tail. Repeat treatment in 10 days to kill newly hatched lice.

5) To control poultry lice, using a dilution of 2 to 3 ounces of concentrate per gallon 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.

6) For control of bedbugs and mites on poultry and in poultry houses, dilute at the rate of 2 to 3 fluid ounces per gallon of water and spray crevices of roost poles, cracks in walls and cracks in nests where the bedbugs and mites hide, followed by spraying over the birds with a fine mist.

7) To control sheep "tick" or ked, dilute at the rate of 1 to 2 fluid ounces per 4 gallons of water and thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

8) To kill fleas and ticks on livestock and pets, and to obtain protection against reinfestation, dilute at the rate of 2 fluid ounces per gallon of water and wet the animal by dipping or spraying. For best results against fleas and ticks on dogs and cats the kennels and/or animal quarters and bedding should be treated.

#### FOR USE IN BARN, DAIRIES, MILKING PARLORS, MILKING ROOMS AND POULTRY

HOUSES: To control flying insects including, but not limited to, Flies, Fruit Flies, Mosquitoes, Gnats, Wasps, Hornets and Small flying Moths, dilute at the rate of 2 fluid ounces per gallon of water. Apply as a fog or fine mist (at approximately 2 ounces per 1000 cubic feet of space), 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 10 to 15 minutes. Applicator should vacate the treated area and ventilate it prior to returning. Repeat application as necessary.

#### WIDE-AREA ADULT MOSQUITO CONTROL APPLICATION:

For use only by federal, state, tribal or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

#### HOW TO APPLY:

Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

Evergreen® Crop Protection EC 60-6 may be used for mosquito control programs involving residential, industrial, recreational and agricultural areas as well as swamps, marshes, overgrown waste areas, roadsides and pastures where adult mosquitoes occur. Evergreen® Crop Protection EC 60-6 may be used over agricultural crops. For best results, apply when meteorological conditions create a temperature inversion and wind speed does not exceed 5 miles per hour. The application should be made so the wind will carry the insecticidal fog into the area being treated. Do not apply more than 0.2 lbs pyrethrin per acre/year and 2 lbs piperonyl butoxide per acre/year in any treated area. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal, or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

**SPRAY DROPLET SIZE DETERMINATION:**

Contact manufacturer of this product for spread factor of various diluting oils with this product.

**Ground-Based Equipment:** Spray equipment must be adjusted so that the volume median diameter (VMD) is 5 to 30 microns ( $5 \mu\text{m} \leq D_v \leq 30 \mu\text{m}$ ) and that 90% of the spray is contained in droplets smaller than 40 microns ( $D_v \leq 40 \mu\text{m}$ ). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

When used in cold aerosol generators that produce a fog with the majority of droplets in the 5 – 30 micron range, Evergreen® Crop Protection EC 60-6 should be diluted with light mineral oil (specific gravity of approximately 0.8 at 60F; boiling point: 500 – 840F). An N.F. grade oil is preferred.

**Aerial Application:** Spray equipment must be adjusted so that the volume mean diameter produced is less than 60 ( $D_v < 60 \mu\text{m}$ ) and that 90% of the spray is contained in droplets smaller than 100 microns ( $D_v < 100 \mu\text{m}$ ). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated. Apply using a nozzle height of no less than 100 feet above ground or canopy in a fixed wing aircraft or a height of no less than 75 feet above the ground or canopy for a rotary wing aircraft.

**GROUND APPLICATION:** To control adult mosquitoes and biting flies, apply up to 0.0025 pounds of pyrethrins and up to 0.025 pounds of piperonyl butoxide per acre (use a 300 foot swath width for acreage calculations).

**TRUCK-MOUNTED ULV APPLICATION:** Dilute 5 parts of Evergreen® Crop Protection EC 60-6 with 1 part of oil and apply at the rate of 2 to 2.25 ounces per minute while the machine is traveling 5 miles per hour. The nozzle should be positioned approximately 30 degrees above the horizontal off the side of the truck bed. The delivery rate and truck speed may be varied as long as the application rate is 0.002 to 0.0025 pounds of pyrethrins and up to 0.025 pounds of piperonyl butoxide per acre (use a 300 foot swath width for acreage calculations).

**BACKPACK SPRAYER APPLICATION:** Apply 0.002 to 0.0025 pounds and 0.025 pounds of piperonyl butoxide of pyrethrins per acre. Dilute 1 part Evergreen® Crop Protection EC 60-6 with 12 parts of oil and apply at the rate of 7 ounces per acre (based on a 50 foot swath, 7 ounces should be applied while walking 870 feet).

**AERIAL APPLICATION (FIXED WING AND HELICOPTER):** To control adult mosquitoes and biting flies, apply up to 0.0025 pounds of pyrethrins and up to 0.025 pounds of piperonyl butoxide per acre with equipment designed and operated to produce a ULV spray application.

**STORAGE AND DISPOSAL**

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

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

**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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by State and Local authorities.

**EVERGREEN® CROP PROTECTION EC 60-6**

**LABEL SUPPLEMENT**

**DIRECTIONS FOR APPLICATION THROUGH IRRIGATION SYSTEMS**

Apply this product only through sprinkler (including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move) irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for the operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the pump motor stops. The irrigation line or water pump must include a functional pressure valve that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must be a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Constant agitation must be maintained in the chemical supply tank during the entire period of insecticide application. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of more dilute suspension per unit of time.

EPA Reg. No. 1021-1770

**McLaughlin Gormley King Company**  
**8810 Tenth Avenue North**  
**Minneapolis, MN 55427-4372**