

1021-1798

11/23/2011

10916



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Jeffrey Nelson  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427

NOV 23 2011

Dear Mr. Nelson:

Subject: Application for Pesticide Notification (PRN 98-10)  
Add hose-end bottle sprayer directions  
Pyrocyde Aqueous Spray 74401  
EPA Reg. No. 1021-1798  
Your submission dated October 25, 2011

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated October 25, 2011 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records. When preparing the actual label, correct the typographical error on page 4 in the "Chart (for back label)" "When To Use" block; "Can be used u to the day ..." should read "Can be used up to the day...".


Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions regarding this letter, please contact Dana Pilitt, PhD of my staff at (703) 305-7071 or via e-mail at [pilitt.dana@epa.gov](mailto:pilitt.dana@epa.gov).

Sincerely,

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

20116

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

1. Company/Product Number 1021-1798	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PYROCIDE® Aqueous Spray 74401	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 _____

**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 per PR-Notice 98-10.

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input checked="" type="checkbox"/> Metal <input 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 _____	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 4 oz to 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 checked="" 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 Jeffrey Nelson	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) (763) 593.3440
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 Jeffrey Nelson	5. Date 10/25/2011	

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October 25, 2011

Document Processing Desk (NOTIF)  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs (H7504C)  
Room S-4900, One Potomac Yard  
2777 South Crystal Dr.  
Arlington, VA 22202-4501

Via Courier

Subject: PYROCIDE® Aqueous Spray 74401  
EPA Reg. No. 1021-1798  
Notification Per PR-Notice 98-10

Dear Sir or Madam:

By Notification we are adding new directions for use for **HOSE-END BOTTLE SPRAYERS**. Enclosed, please find the following documents to support this application:

- Application for Notification (EPA Form 8570-1)
- One color, highlighted copy of the label
- One monochrome copy of the label

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulation at 40 CFR 152.46, and no other change have been made to the labeling or the confidential statement of formula for 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, 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,

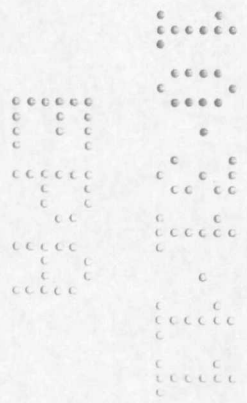
McLAUGHLIN GORMLEY KING COMPANY

Jeffrey Nelson  
Regulatory Affairs Specialist  
[jeff.nelson@mgk.com](mailto:jeff.nelson@mgk.com)  
800-645-6466 – Telephone  
763-544-6437 - FAX

Enclosures

c: Diana Hedlund, MGK

8810 Tenth Avenue North  
Minneapolis, MN 55427  
TOLL FREE 800.645.6466  
TEL 763.544.0341  
FAX 763.544.6437  
WWW.MGK.COM





# PYROCIDE® AQUEOUS SPRAY 74401

[ ] or { } Indicates alternate or optional wording

- [Contains the botanical insecticide, Pyrethrum {an extract of a Chrysanthemum flower}]
- [A micro-emulsion, water-base spray ]
- [Kills [controls] Stable Flies, Horse Flies, Face Flies, Deer Flies, House Flies and Gnats]
- [Kills Black Widow Spiders and Black Carpenter Ants]
- [Quick killing pyrethrum controls crawling and flying insects in the home, schools, hospitals and other listed areas]
- [Controls Fleas and Ticks indoors and around pet areas ]
- [Controls Deer Ticks and other Ixodid species that may carry and transmit Lyme Disease ]
- [For use in Animal Quarters, Dairies, Milk Rooms, Milking Parlors, Calving Areas, Dairy and Hog Barns ]
- [For use on Beef Cattle, Dairy Cattle, Horses, Hogs, Poultry and other listed livestock ]
- [Controls 9 Listed Species of Insects]
- [Kills Stink Bugs, Brown Marmorated Stink Bugs (BMSB), Asian lady Beetles and Boxelder Bugs]
- [32 ounces covers {5,237+} {over 5,237} square feet of Home Vegetable Gardens and Home Tree Crops]
- [Apply to cover 10 – 11 square feet per spray second]
- [Contains {Pyrethrum} {Pyrethrins} – a botanical insecticide derived from Chrysanthemum flowers]
- [Kills {over} 250 {250+} {types of} Insects {on} {Vegetables, Ornamentals, Fruits}]
- [Kills "last minute" vegetable garden pests when applied the day before harvest]
- [Use on consumable crops up to the day before harvest]
- [{May be} {Can be} used up to the day before harvest]
- [For Home Gardens and Orchards]
- [Use on Fruit Trees, Flowers, Fruits & Vegetables]
- [For use on outdoor plants, flowers, and bedding plants]
- [For Home Gardens – Vegetables, Fruit Trees, and Ornamental Plants]
- [Use on Home Garden Fruits, Roses, Vegetables & Ornamental Plants]
- [Where to Use – On {Home Garden} Fruit Trees, Fruits, Flowers, and Vegetables]
- [Where to Use – On ornamentals including Roses, Vegetables, Melons, Fruit, and Trees]
- [Broad Spectrum Insecticide and Miticide for the control of Insects and Mites on Vegetables, Fruit, Nuts, Herbs, Spices, Roses, Flowers, and Shrubs]
- [Kills aphids, mealybugs, whiteflies, mites, and other listed pests (see back panel) on foliage plants, flowers, shrubs, trees, vegetables, fruit, and nuts around homes]
- [Product Facts: Kills Insects – Beetles (including Japanese & Cucumber Beetles), Caterpillars (including Armyworm, Beet Armyworm, Cabbage Looper, Corn Earworm, Cutworm, Diamondback Moth, Fall Armyworm, Hornworm, Imported Cabbageworm, *Lepidopterous* Larvae, Lesser Peachtree Borer, Oriental Fruit Moth, Peach Twig Borer, Southern Armyworm, Tomato Fruitworm, Tomato Pinworm), Leafhoppers & other Garden Insects (and other insects as listed)]
- [Kills Aphids, Armyworms, Beetles, caterpillars, cutworms, Japanese Beetles, leafhoppers, and other garden insects. {Plus others listed!} See Back]
- [Kills Japanese Beetles, Aphids, Horn Worms, and other listed pests]
- [Optional Back Panel claims statement(s):
- [Kills Snails and Slugs by Contact]
- [Kills Beetles, Caterpillars & Bugs]
- [Kills Japanese Beetles]
- [Ready To Spray]
- [Bug Killer]
- [From the Makers of Sevin®]
- [Insecticide and Miticide]
- [Home and Garden Insecticide {and Miticide}]
- [For {home} {outdoor} residential use only]
- [Can be used in vegetable gardens]
- [For use in vegetable gardens]
- [For use on fruits and vegetables]
- [Fast Acting]
- [Kills on Contact]
- [Kills listed {insects} {pests} fast]
- [Kills listed {insects} {pests} on contact]
- [For Home {Vegetable and Flower} Gardens, Nurseries, Nome Greenhouses and Orchards]
- [Got {insert listed insert here}? Get {insert brand name here!}]
- [Convenient]
- [Easy to use]
- [Kills eggs during dormant stage]
- [Kills all accessible stages of insects and eggs]
- [Kills exposed eggs present in dormant season {and scale insects, mites, and mealy bugs on dormant shrubs (roses) Evergreens, fruit trees, and shade trees}]
- [Attach hose and spray]
- [32oz makes up to XXX gallons]
- [Squeeze and Measure – No Mess!]

**NOTIFICATION**

**NOV 23 2011**



[Tilt this direction to pour {with optional arrow illustration}]  
 [Pour this direction {with optional arrow illustration}]



50916

ACTIVE INGREDIENTS:

Pyrethrins ..... 0.30%  
\* Piperonyl butoxide, Technical ..... 3.00%

OTHER INGREDIENTS ..... 96.70%  
100.00%

\*Equivalent to min. 2.4% (butylcarbityl) (6-propylpiperonyl) ether and 0.6% related compounds  
PYROCIDE®, MGK® -registered trademarks of McLaughlin Gormley King Company

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not give <b>any</b> liquid to the person.</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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.	

Manufactured by



8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1798

EPA Est. No. 1021-MN-2

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

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin or clothing. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling. Avoid contamination of food and feedstuffs. Remove pets and birds and cover fish aquariums before spraying.

USER SAFETY PRECAUTIONS

Wash hands thoroughly after handling and before eating or smoking. Do not allow spray to drift to non-target plants or water supplies. Wash all fruits and vegetables before eating. Avoid contamination of food and feedstuffs.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsate. 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use this product in or on electrical equipment because of shock hazard.

[Pyrocide® Aqueous Spray 74401] contains the quick killing botanical insecticide, Pyrethrum, [an extract of Chrysanthemum flowers,] which provides rapid effective control of insects upon direct contact with an added benefit of flushing these insects to aid in a more complete control [kill]. This highly effective water-base formula can be used on flying and crawling insects indoors and outdoors.

[Pyrocide® Aqueous Spray 74401] can be used to control fleas and ticks hidden in carpets, rugs, upholstery, draperies, floor cracks and cabinets. Also controls Deer Ticks and other Ixodid species that may carry and transmit Lyme disease.

[Pyrocide® Aqueous Spray 74401] can be used in the home, schools, hospitals, restaurants and other listed areas to control [kill], on contact, listed crawling pests and is a fast, effective product for flying insect control. Pyrethrum has quick killing ability with no persistent residue.

[Pyrocide® Aqueous Spray 74401] can be used in food and non-food areas of food processing plants, canneries, industrial installations, bakeries, rice and wheat mills, tobacco warehouses, grain elevators, warehouses, storage sites and other listed areas to control [kill], on contact, listed crawling pests and is a fast, effective product for flying insect control.

[Pyrocide® Aqueous Spray 74401] provides rapid kill of insects without objectionable residues

FOR THE CONTROL OF INSECTS including but not limited to:

Black Fly	Ants	Cadelles	Lesser Grain Borer	Blood Sucking Lice
Deer Flies	Bedbugs	Carpet Beetles	Trogoderma Beetles	Lice
Face Flies	Black Carpenter Ants	Cereal Beetles	Almond Moths	Poultry Lice
Fannia Flies	Boxelder Bugs	Cigarette Beetles	Angoumois Grain Moths	Granary Weevils
Fruit Flies	Cockroaches	Confused Flour Beetles	Chocolate Moths	Rice Weevils
Gnats	Crickets	Darkling Beetles	Clothes Moths	Cheese Skipper
Horn Flies	Earwigs	Dermestid Beetles	Indian Meal Moths	Dark Mealworms
Hornets	Firebrat	Dried Fruit Beetles	Med. Flour Moths	Yellow Mealworms
Horse Flies	Millipedes	Drugstore Beetles	Miller Moths	Black Widow Spiders
House Flies	Palmetto Bugs	Flat Grain Beetles	Small Flying Moths	Cellar Spiders
Lesser House Flies	Pillbugs	Khapra Beetles	Tobacco Moths	Cheese Mites
	Asian Lady Beetles			
Midges	Silverfish	Merchant Grain Beetles	Cat Fleas	Grain Mites
Skipper Flies	Sowbugs	Red Flour Beetles	Dog Fleas	Hornets
Stable Flies	Waterbugs	Rice Flour Beetles	Brown Dog Ticks	Wasps
Saw-toothed Grain Beetles		Rusty Grain Beetles	Sheep Ticks	Yellow-Jackets
Brown Marmorated Stink Bugs (BMSB)		Spider Beetles	Deer Ticks	
Stink Bugs		Warehouse Beetles	Ticks that may carry and transmit Lyme Disease	

INDOOR AREAS for use in but not limited to:

Animal Areas	Credenza	Horse Stables	Movie Theaters	Storage Areas
Animal Quarter	Crematoriums	Hog Barns	Museums	Stored Products
Animal Shelters	Dairy, Livestock Barns	Horse Stables & Barns	Nursing Homes	Stored Food, bags
Animal Control Centers	Dairies	Horse Trailers	Office Buildings	Stores
Apartments	Day Care Centers	Hospices	Other Public Buildings	Sun Porch
Atriums	Delicatessens	Hospitals	Outdoor Eating	Sun Room
Attics	Dens	Hotels	Buildings	Swine Houses
Auditoriums	Department Stores	Household contents	Pantry	Taverns
Automobiles	Diners	Houses	Parking Garages	Tents
Bakeries	Dog Houses	Indoor Eating Buildings	Pet Bedding	Textile Mills,
Bars	Dog Sleeping Quarters	Industrial Installations	Pet Carriers	Warehouses
Basements	Dormitories	Industrial Plants	Pet Grooming Parlors	Theaters
Bathrooms	Draperies	Institutional Dining	Pet Sleeping Areas	Tobacco Factories
Bedding	Dressers	Areas	Pet Stores	Tobacco Warehouses
Bedrooms	Dried Fruits in Storage	Institutions	Play Houses	Tool Sheds
Beef Barns	Drive-Ins	Jails	Play Rooms	Trailers
Beverage Plants	Drugstores	Kennels	Pool Halls	Trains
Boats	Dumpsters	Kitchens	Porches	Transportation Vehicles
Bookcases	Dwellings	Laboratories	Poultry Houses	Tree Houses
Bottling Plants	Egg Processing Plants	Laundromats	Poultry Plants	Tree Nuts Storage
Breweries	Fabric Storage Areas	Lanais	Pounds	Areas
Brewery Warehouses	Factories	Lavatories	Prisons	Trucks
Building Housing	Farm Structures	Libraries	Public Storage	Truck Trailers
Animals				
Building Housing	Floors	Liquor Stores	Quonset Huts	Tunnels
Poultry				
Buses	Food Processing Plants	Livestock Barns	Rabbit Processing	Utility Rooms
Cabinets	Food Storage Areas	Livestock Hauling Equip	Plants	Utilities
Cabins	Freight Containers	Livestock Holding Areas	Railroad Cars	Vending Machines
Cafeterias	Fruit Packing Sheds	Living Rooms	Recreational Vehicles	Verandas
Calving Barns	Funeral Parlors	Loafing Shed	Research Animal	Veterinaries
Campers	Furniture	Locker Rooms	Quarters	Voids in Attics
Canneries	Garages	Marinas	Restaurants	False Ceilings
Carpets	Garbage Bins	Mattresses	Retail Stores	Warehouses
Cat Sleeping Quarters	Garbage Cans	Mausoleums	Rice Mills	Washrooms
Cattle Barns	Garbage Compactors	Meat Packing Plants	Rooms	Wheat Mills
Chests	Gas Stations	Mess Halls	Rugs	Wholesale Stores
Churches	Gazebos	Mini Storage	Schools	Wine Cellars
City Missions	Goat Holding Areas	Mobile Canteens	Seed Storage	Wineries
Circus Tents	Grain Elevators	Mobile Homes	Sheep Holding Areas	Zoos
Closed Porches	Grain Harvesting Equip	Morgues	Ships	Crawl Spaces
Closets	Grain Handling Equip	Milk Houses	Ships Holds	Homes Motels
Clothes Storage	Grain Mills	Milk Rooms	Smoke Shops	Stable Bins
Club Houses	Grain Storage	Milk Sheds	Solariums	
Commercial Buildings	Granaries	Milking Rooms	Sport Stadiums	
Condominiums	Grocery Stores	Mortuaries	Stables	

OUTDOOR AREAS for uses in and around, but not limited to:

Alleys	Circuses	Game Fields	Parks	Side Walks
Amphitheaters	Construction Sites	Garbage Dumps	Parking Lots	Stadiums

Amusement Parks	Corrals	Gazebos	Patios	Tennis Courts
Ant Hills	Courtyards	Grandstands	Playgrounds	Truck Stops
Back Yards	Curbs	Junk Yards	Ranges	Underpasses
Balconies	Decks	Kennels	Recreational Areas	Utility Room Outdoor
Baseball Fields	Drive-In Restaurants	Lanais	Rest Areas	Weigh Stations
Beaches	Drive-In Theaters	Levees	Roadsides	Wild Animal Parks
Bridges	Dumpsters	Manholes	Rooftops	Wood Piles
Carwashes	Fair Grounds	Manure Piles	Sanitary Sewers	Zoos
Campgrounds	Feedlots	Marinas	Side Yards	
Camp Sites	Front Yards	Outdoor Eating Estab.		

FOR USE ON but not limited to:

Beefalo	Chickens	Lambs	Pigs	Swine
Birds	Donkeys	Llamas	Pullets	Turkeys
Buffalo	Ducks	Mules	Quail	Exotics such as
Calves	Emus	Ostrich	Ratites	European
Cattle- Beef	Geese	Oxen	Roosters	Red Deer
Cattle- Dairy	Horses	Pheasants	Sheep	

Chart: (for back label)

PRODUCT FACTS	
Kills	Over 250 types of insects – including Ants (Excluding Pharoah and Carpenter Ants, Aphids, Beetles (including Japanese and Cucumber beetles), Caterpillars (including Armyworms, Cabbage Looper, Corn Earworm, Cutworm, Diamondback Moth, Hornworm, Imported Cabbageworm, Lesser Peachtree Borer, Oriental Fruit Moth, Peach Twig Borer, Tomato Fruitworm, Tomato Pinworm), Leafhoppers, Mites and other listed Insects
Where To Use	Vegetables, Fruits, Nut and Fruit Trees, Herbs, Spices, Roses, Flowers, Shrubs, Evergreen and Shade Trees
Amount To Use	<ul style="list-style-type: none"> <li>• 32 fl. oz covers over 5,237 sq. ft.</li> <li>• Makes up to XXX gallons</li> </ul>
When To Use	<ul style="list-style-type: none"> <li>• At the first signs of insect infestation.</li> <li>• Can be used u to the day before harvest.</li> <li>• Kills eggs during dormant stage.</li> </ul>

DIRECTIONS FOR USE

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

**General Use Restrictions**

- Do not make applications during rain.
- Aerial applications are prohibited.
- Do not water the treated area to the point of run-off.
- Do not reapply within 3 days except under extreme pest pressure.
- In case of extreme pest pressure, do not reapply within 24 hours.
- Do not apply more than 1 time per day.
- Do not apply when bees are active in the area.
- Do not apply if rain is expected within 24 hours.
- Do not apply if wind causes drift.
- [This product] is not for use on plants being grown for sale or other commercial use.
- Do not harvest until spray has dried
- Do not apply more than 10 times per season

SHAKE WELL BEFORE USING.

The product may be used outdoors as a contact spray for flying and crawling pests commonly found in and around the garden and landscaping. This product contains Pyrethrum, derived from a Chrysanthemum flower, to give fast and effective kill on contact. Pyrethrum also will "flush" hiding insects, which then allows you to spray them for immediate contact kill. This product may be used throughout the growing season; or as a pre-harvest treatment. It is acceptable for use up to the day of harvest on edible plants. [This product] must come into contact with insects in order to kill them. Coverage of the target insect is vital to achieving good performance.



Read all directions completely before use. For best results, follow directions for specific use areas. Do not use this product in or on electrical equipment due to possibility of shock hazard.

**GENERAL:**

This concentrated product may be diluted with water. When making dilutions, add concentrate to the tank and add water, agitate well while adding water and apply as directed.

0.10% Pyrethrins – add 1 part concentrate to 2 parts water

The use of this product in food processing establishments should be confined to time periods when the plant is not in operation. Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. For maximum effectiveness, follow the dilution chart. A combination of spot, surface treatment, and fogging is recommended.

**WHEN TO APPLY:** Use at first signs of insect infestation, preferably before damage and feeding occurs. Do not wait until plants are heavily infested. Spray may be applied up to and including day of harvest.

For Best Results: Apply in the twilight hours of the evening or just before sunrise to avoid possible harm to honey bees. Honey bees normally forage during the daylight hours, when the temperatures reach or exceed 55 degrees F.

**WHERE TO USE:** On [Home Garden] Vegetables, Fruit and Nut Trees, Fruits, Nuts, Roses, Flowers, Ornamentals, Herbs, Spices, Shrubs, Bushes, Evergreens, Shade Trees. Do not use on lawns or large trees. For trees taller than 10 feet, consider hiring a licensed professional.

**HOW TO APPLY:**

1. Wearing household latex or rubber gloves, shake bottle before using
2. Measure area to be sprayed. Multiply length x width measured in feet to arrive at square feet of area to be treated.
3. Calculate amount of concentrate needed to cover treatment area. Shake bottle well before use.
4. [For squeeze/measure dosing bottle only:] To use the squeeze and pour bottle, remove cap and inner seal from the calibrated dosing chamber. Then replace cap and tighten, then loosen ¼ turn.
5. [For squeeze/measure dosing bottle only:] Gently squeeze bottle to fill chamber to the appropriate dose. Tilt the bottle to the direction indicated by the arrow on the bottle.
6. [For squeeze/measure dosing bottle only:] Pour concentrate directly into sprayer and slowly add the appropriate amount of water. Replace cap.
7. Mix the specified amount of product and water (see site-specific use direction below) and apply with a pump-style tank sprayer or hose-end sprayer.
8. Hold spray nozzle about 12" from the plants.
9. Apply when insects or damage appear.
10. Apply when air is calm to avoid drift and contact with eyes and skin.
11. Start spraying at the farthest corner of the treatment area and work backward to avoid contact with wet surfaces.
12. Spray thoroughly to wet upper and lower leaf surfaces, stems, and branches.
13. Allow spray to dry in treated areas before reentering.

[Pump Style Tank Sprayers] (Optional; or similar graphic)

Best for spot spraying small areas.

1. Add appropriate amounts of water & product to sprayer tank.
  - a. 20 tsp per half-gallon of water
  - b. Spray to cover 273 square feet
2. Close sprayer, shake well and pressurize. Adjust nozzle to a coarse spray.
3. Hold tip of wand about 12" from target and spray.
4. Occasionally re-pressurize sprayer as needed to maintain a good spray pattern.

[DIAL-STYLE HOSE-END SPRAYERS] (Optional; or similar graphic)

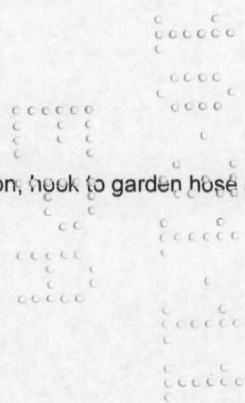
Best for spraying larger areas.

1. Fill sprayer jar with enough product for the area to be treated. **DO NOT ADD WATER.**
2. Close sprayer, set dial to apply 20 teaspoons [3.33 fluid ounces] [6.67 tablespoons] per gallon, hook to garden hose and apply.
  - a. Spray to cover 545 square feet
3. Pour any unused product back into this original container.

[For Hose-end Bottle Sprayers Only] (Optional; or similar graphic)

**How To Use:**

1. Wearing household latex or rubber gloves, shake bottle before using.
2. Attach garden hose to spray nozzle.



3. Turn on water supply.
4. Push safety tab and turn control knob to "Water" position.
5. Point nozzle toward plants and turn water control knob to "On". Product will automatically mix with water.
6. Hold spray nozzle about 12" from the plants.
7. Apply when air is calm to avoid drift and contact with eyes and skin.
8. Start spraying at the farthest corner of the treatment area and work backward to avoid contact with wet surfaces.
9. Spray upper and lower leaf surfaces thoroughly. Avoid over-saturation.
10. Allow spray to dry in treated areas before reentering

[CONCENTRATE PLUS WATER HOSE-END SPRAYERS] (Optional; or similar graphic)

Best for spraying larger areas.

1. Pour product into sprayer jar to required "Fluid Ounce" level.
2. Add the appropriate amount of water to the "Gallons" level.
3. Close sprayer, hook to garden hose, shake well & apply. To avoid contact with the treated area, begin by spraying area farthest from faucet walking backwards as you spray.

**SPACE SPRAYING:** Use with conventional mechanical or compressed air equipment to kill exposed accessible stages of, but not limited to, Flies (including Fruit Flies), Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants and the following common Stored Product Pests: Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Meal Worms, Dark Meal Worms, Grain Mites, Cadelles, Red Flour Beetles and other listed insects. Close Room and shut off air conditioning or ventilating equipment. Apply at the rate of 1 – 1-1/2 fluid ounces per 1000 cubic feet of space. Direct Spray toward upper corners of room and ceiling. Leave room closed for ½ hour and ventilate thoroughly before re-entry.

**SURFACE SPRAYING:** To kill Cockroaches, Black Carpenter Ants, Silverfish, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Saw-toothed Grain Beetles, Spiders Beetles, Cigarette Beetles Asian Lady Beetles, Boxelder Bugs, Brown Marmorated Stink Bugs (BMSB), Stink Bugs and other listed insects use a sprayer adjusted to a coarse wet spray. Mix well and apply as a coarse wet spray using approximately 1 gallon of spray mixture per 750 square feet of surface. Direct the spray first into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, walls, floors, underneath sinks, behind pipes, beneath stoves and refrigerators, around garbage cans, cabinets, along baseboards, door sills, window sills, door and window frames and floors, around and on drains, pipes, plumbing, behind bookcases, storage and other utility installation areas and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Do not allow spray to contact stored food. To kill ants, treat doors, around window frames and other areas of entry. Spray on ants whenever possible.

**CLOTHES MOTHS:** Remove any infested articles from storage, brush thoroughly and air for several hours in sunlight, if possible. Apply liberally to empty chests, closets, bureaus and other storage areas directing the spray into cracks, joints, and crevices.

**CARPET BEETLES:** Directly spray as many insects as possible. Spray all surfaces of upholstered furniture. Where possible, both top and bottom of rugs and carpets should be sprayed thoroughly. Also treat shelves, closets, areas under furniture, floors, walls, windowsills, baseboards and wherever these insects are seen or suspected.

**BEDBUGS:** Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings, floors, walls, furniture and other infested areas.

**FOR USE IN LISTED PET AREAS:** Remove, destroy or wash pet's old bedding. To reduce infestation, thoroughly spray the animal's bedding, sleeping quarters, kennel, around baseboards, window and door frames, wall cracks, local areas of floors, and other resting places until the surface is slightly moist. Treat these areas at the rate of two seconds per linear foot at the distance of 12 to 18 inches. Also spray the entire inside surface of doghouses. Put fresh bedding in pet's quarters after spray has dried. Allow treated areas to dry thoroughly before allowing pets to re-enter.

**FLEA AND TICK INFESTATION IN RUGS AND CARPETS:** Prior to use, vacuum all infested areas thoroughly and dispose of vacuum bag in outside trash. Spray rugs and carpets where fleas tend to hide, usually where animals frequent. Spray thoroughly into hiding places such as cracks and crevices. In walls and floors, along baseboards, window and door frames. Spray at the rate of one square foot per second. To kill ticks and other labeled insects, apply directly to pests. Treat pets with an EPA registered [brand name] product in conjunction with this application.

For best results, to protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick products, ([such as] flea or flea and tick collar, pet powder, pet spray, pet dip, pet shampoo, flea shampoo or flea and tick pet shampoo), in conjunction with this application.

**FOR USE IN CANNERIES:** Thoroughly clean floors, conveying equipment and walls, with special attention to cracks and crevices, prior to bringing in produce. Spray the entire space inside of the cannery including walls, ceiling and floors, paying special attention to forcing the spray into all cracks and crevices for the control of ants, cockroaches, silverfish, crickets, spiders, fruit flies, moths, house flies, cheese mites and other listed insects.

**FOR USE IN FOOD AND NONFOOD AREAS OF FOOD PROCESSING PLANTS, Industrial installations, Bakeries, Rice and Wheat Mills, Restaurants, Tobacco Warehouses, Grain Elevators and Warehouses:** Spray as directed to control listed flying and crawling insects. 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 covered or removed during treatment.

**DRIED FRUIT PRODUCTS:** In storage or being processed for control of, but not limited to, Almond Mouths, Ants, Cereal Beetles, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Earwigs, Flies, Fruit Flies, Fungus Gnats, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Saw-toothed Grain Beetles, Silverfish, Dried Fruit Beetles, Warehouse Beetles, Khapra Beetles and other listed insects. Apply as a fine mist or fog in the air above and around the trays, bins, and shelves at the rate of 1 to 10 fluid ounces per 1,000 cubic feet of space.

**TREATMENT OF STORED FOOD AREAS:** Foods in multi-walled bags, cloth bags or other packaging stored in such areas as, but not limited to, listed areas for the control of accessible adult stages of, but not limited to, Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies,



Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Khapra Beetle and other listed pests. Infested stored products should be destroyed, fumigated or treated by other effective methods using an approved product intended for this purpose. As noted above, disperse first by directing spray into cracks and crevices, corners, pallets and around stacks or packaged goods hitting as many insects as possible and then apply as a space spray at a dosage of 1 to 1-1/2 fluid ounces per 1,000 cubic feet of room space. Repeat application as necessary for insect control. Do not remain in treated area and ventilate before re-entry.

ON PEANUTS, NUTS, BEANS, SEEDS IN BULK, BAGS OR OTHER PACKAGING: For the control of accessible stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Khapra Beetle and other listed insects apply to the surface of stored or bagged products. Also spray walls, floors and other surfaces of bins, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray by directing the spray toward the ceiling and upper corners of the area and behind any obstructions.

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS: Apply with a conventional mechanical or compressed air equipment, at the rate of 1 to 1-1/2 fluid ounces per 1,000 cubic feet of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places that shelter insects. Contact as many insects as possible. Repeat as necessary. Before use, exposed food products and packaging materials must be covered or removed. After use, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water. Use as a space spray only when plant is not in operation.

FOR IN TRANSIT PROTECTION: To control accessible stages of listed insects, clean and spray truck beds, boxcars, ships holds and other listed transit equipment before loading. Thoroughly treat walls and floors and spray each layer of carton or containers lightly as stacked. Apply at the rate of 1 gallon per 750 square feet.

FOR USE IN STORAGE FACILITIES AND EQUIPMENT:

SANITATION MEASURES: This product can be used as a surface spray in warehouse bins and trucks, cargo ships, mills, bin hoppers, elevators and conveying equipment as a clean up prior to use. In mills, and elevators, all grain-infested accumulations should be removed from the bin hoppers. All storage 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 doorframes with special attention to material lodged in the cracks and crevices. All of the debris should be removed and disposed of in outside trash.

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 or treated with EPA approved products [such as] [brand name]. These cleaning operations should be done within two or three weeks before harvest.

After above sanitation measures have been employed spray as directed.

FOR USE IN ANIMAL QUARTERS, Barns, Dairies, Milking Parlors, Milking Rooms, Poultry Houses and other listed animal areas: For rapid control [kill] of Flies, Gnats and other listed flying insects, follow dilution chart and spray at the rate of 5 to 10 seconds per 1,000 cubic feet of space directing the spray toward the ceiling and upper corners and not directly towards the animals or birds. 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.

FOR USE ON LIVESTOCK this concentrate can be used undiluted or diluted at the rate of 1 part concentrate to 2 or 3 parts water, agitate well and use as directed.

To protect beef cattle, dairy cattle, horses and other livestock from attacks and to kill and repel Stable Flies, Horse Flies, Deer Flies, House Flies, Horn Flies, Lesser House Flies and Gnats, spray about 3 seconds on each side of animal being careful to spray back, withers and forelegs thoroughly.

To protect from Face Flies, spray the face and hair or spray on a cloth and rub on the face being certain to avoid contact with the eyes. Repeat treatment as necessary when flies are troublesome.

For effective control of biting and sucking lice on cattle, horses, sheep goats and hogs, spray to thoroughly wet the hair of the animal including the head and brush of the tail. Repeat treatment in 7 days to kill newly hatched lice.

To control poultry lice and exposed stages of Darkling Beetles, spray roosts, walls and nests or cages thoroughly, followed by spraying over the birds with a fine mist.

For control of bedbugs and mites on poultry and in poultry houses, 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.

To control sheep "tick" or ked, thoroughly wet all portions of the body by spraying directly into the wool. Treat at a rate to sufficiently wet the animal.

To kill fleas and ticks on livestock and to obtain protection against reinfestation, spray to wet animal.

FOR USE IN BARN, DAIRIES, MILKING PARLORS, MILKING ROOMS, POULTRY HOUSES and other listed animal housing areas: Do not use in milk rooms where raw milk may be exposed. This concentrate can be used undiluted or diluted at the rate of 1 part concentrate to 2 or 3 parts water, agitate well and use as directed.

FOR USE WITH HANDHELD MECHANICAL FOGGERS to control Houseflies, Horn Flies, Stable Flies, Horse Flies, Gnats and other listed insects. Dilute concentrate and apply as a fine mist or fog. Direct spray toward the ceiling and upper corners of the room until the area is filled with mist about 2 fluid ounces per 1,000 cubic feet of space. For best results, close doors and windows before spraying, and keep them closed for 10 to 15 minutes after spraying. Applicator should vacate the treated area and ventilate it before reoccupying.



FOR USE THROUGH AUTOMATIC SPRAYING SYSTEMS

Automatic spraying systems must not be programmed to release pesticide where food or feed is directly exposed.

To Kill Houseflies, Horn Flies, Stable Flies, Horse Flies, Gnats and other listed insects. Add concentrate to tank and add water to obtain desired dilution. Agitate well while adding water. Dispense diluted concentrate through automatic spraying system. Set nozzles to deliver one (1) fluid ounce per minute. Locate nozzles to cover a maximum of 2000 cubic feet of space per nozzle. Set timer to operate in accordance with equipment directions.

OUTDOOR USE: Follow dilution chart and apply as directed.

0.10% Pyrethrins – add 1 part concentrate to 2 parts water

Caution should be taken to avoid spraying when wind conditions could create a mist to blow back to applicator. Do not apply this product in or around bodies of water. Spray the surface areas and contact as many insects as possible.

FLIES, GNATS, SMALL FLYING MOTHS, Midge, Small flying Insects and other flying insects: Hold container 18-24 inches from shrubs, bushes, grassy areas and other areas infested with these pests. Spray with a slow sweeping motion while moving away from the treated area. To reduce annoyance from these pests, treat open porches and patios in a similar manner. Kills and repels flies, midges, gnats and when used intermittently during outdoor activities, will keep the surround areas free from these pests. Allow spray to dissipate before occupying the treated area.

ANTS (including Black Carpenter Ants): Spray ant trails, anthills and other areas of entry and infestation. Spray on ants where possible.

SPIDERS: Spray directly on spiders and webs.

SOWBUGS, MILLIPEDES, BEETLES, EARWIGS, Asian Lady Beetles, Boxelder Bugs, Brown Marmorated stink Bugs, Stink Bugs, Pillbugs, Scorpions, Cockroaches, Crickets, Waterbugs, Palmetto Bugs: Spray surfaces thoroughly and into hiding places such as cracks, crevices, moist areas, openings around pipes, spigots, storage areas, sheds and other areas where these pests tend to congregate.

Crop	Target pest (Insects [Killed][Controlled])
<p><b>Vegetable Crops</b></p>	<p><b>Insect Pests</b></p>
<p><b>Edible-podded Legume Vegetables including:</b> snap bean, wax bean, yardlong bean, jack bean, edible-pod pea, snow pea, and sugar snap pea. Dried shelled legume vegetables including: Field bean, kidney bean, lima bean, (dry), navy bean, pinto bean, adzuki bean, blackeyed pea, cowpea, mung bean, southern pea, and dry lentil.</p>	<p>Alfalfa caterpillar, Alfalfa looper, Armyworm, Bean leaf beetle, Blister beetles, Colorado potato beetle, cowpea curculio, cucumber beetles, corn earworm, cutworm, European corn borer, fall armyworm, flea beetles, grape colaspis, green cloverworm, Japanese beetles, leafhoppers, Lima bean pod borer, lygus bug, Mexican bean beetle, painted lady (thistle caterpillar), pea leaf weevil, pea weevil, saltmarsh caterpillar, stink bugs, tarnished plant bug, three cornered alfalfa hopper, thrips, velvetbean caterpillar, webworms, Western bean cutworm, woollybean caterpillar, yellowstriped armyworm.</p>
<p><b>Cole Crops including:</b> Broccoli, Brussel Sprouts, Cabbage, Chinese Cabbage, Chinese Broccoli (on gai lon, white flowering), Cauliflower, Collards, Kale, Kohlrabi, and Mustard Greens</p>	<p>Amyworms, Aster leafhopper, corn earworm, Diamond-back moth larvae, flea beetles, harlequin bugs, imported cabbageworm, leafhoppers, lygus bug, spittle bugs, stinkbugs, tarnished plant bug, and thrips</p>
<p><b>Cucurbit vegetables including:</b> Balsam Pear - bitter melong, Chinese waxgourd - Chinese preserving melong, Citron melon, cucumber, Gherkin, Edible gourds, honeyballs, honeydew mellons, mango melons, muskmelon, Persian melon, pumpkins, cantaloupe, casaba, Crenshaw, zucchini, squash, and watermelon (including hybrids)</p>	<p>Aphids, cabbage looper, Cucumber beetles, cutworm, flea beetles, leafhopper, leaf miner, melon worms, pickleworm, plant bug, and squash bug</p>







<p><b>Citrus Fruits including Oranges and Lemons</b></p>	<p>Aphids, avocado leafroller, Codling Moth, Pink Scavenger Caterpillars, citrus cutworms, fruit tree leafroller, Glassy Winged Sharpshooter, Mealybugs, mites, Navel orangeworm, orange tortix, scale, plant bugs, spider mites, western tussock moth.</p>
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**ORNAMENTAL TREES, SHRUBS AND FLOWERS**  
 (Roses, Flowers, Other Herbaceous Plants), Woody Plants and Shrubs

**USE DIRECTIONS AND LIMITATIONS: TREES AND ORNAMENTALS**

- For trees taller than 10 feet, consider hiring a licensed professional
- Do not apply more than one (1) time per day.
- Do not wet plants to point of runoff or drip

For treating ornamental trees, shrubs and flowers, apply at a rate covering 6-6.5 square feet per second.

Measure area before applying and calculate the total area in square footage. Multiply length x width measured in feet to arrive at square feet of area to be treated.

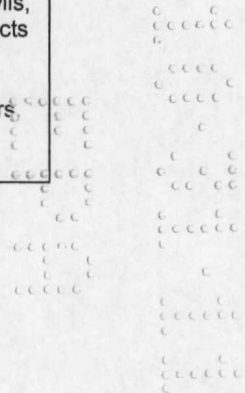
Example: Your ornamental flower garden with shrubs measures 60 feet in length and 4 feet in width. Calculate square footage by multiplying l x w, or, in this example, 60 feet by 4 feet to equal 240 square feet.

Divide 240 square feet by 6 square feet per second to arrive at 40 seconds.  
 Spray to cover the treatment area for 40 seconds.

Rule of Thumb when using this product for Ornamental Trees, Shrubs, and Flowers:  
 You will need to cover 196 square feet or more with spray per [30 seconds]. (98 square feet per 15 seconds)

This product [32 ounces] covers 3,122 up to 5,240 square feet Ornamental, Flowering and Foliage Plants

Crop	Target pest (Insects [Killed][Controlled])
<p><b>Roses and Ornamental Flowers</b></p>	
<p><b>Including:</b> African violets, Ageratum, Aster, Azalea, Begonia, Camellia, Carnation, Chrysanthemum, Coleus, Common Snowberry, Crassula, Dahlias, Delphinium, Exacum, Fuchsia, Geranium, Gladiolus, Gold Bells, Hypoestes, Marigold, Orchid, Palm, Panzy, Petunia, Phioldendron, Poinsettia, Rhododendron, Rose, Snapdragon, Stocks, Taxus Wax Plant, Wandering Jew, and Zinnias.</p>	<p>Aphids, asparagus beetle, bagworms, beet armyworm, blister beetles, boxelder bugs, cabbage looper, cankerworms, chrysanthemum leaf miners, cicadas, clover mites, corn earworms, cutworms, deer ticks, exposed thrips, fall cankerworm, fall webworm, flea beetles, fungus gnats, inchworms, Iris borer, Japanese beetle (adults), lacebugs, leafhopper, leafminer, lygus bug, mealybugs, omnivorous leafroller, periodical cicada, pillbugs, plant bugs, psyllids, red lily beetles, root weevils, rose aphids, rose slug, slugs, scale insects in the crawler stage, spider mites, stinkbugs, adult strawberry root weevil, adult obscure root weevil, tent caterpillars, thrips and whiteflies.</p>



Crop	Target pest (Insects [Killed][Controlled])
<p><b>Ornamental Trees and Shrubs</b></p> <p>Including: Alder, Ash, Arizona Cypress, Azalea, Birch, Box Elder, Boxwood, Cherry (ornamental), Common Ninebark, Conifers, Cottonwood, Crepe Myrtle, Dogwood, Douglas Fir, Elm, English Ivy, Euonymous, Fir, Grape Vines (ornamental), Hawthorn, Holly, Honeysuckle, Hydrangia, Juniper, Laurel, Lilac, Locust, Maple, Mimosa, Mock Orange, Nannyberry, Oak, Palm Pea Shrub, Pine Plum, Poplar, Spruce, Sycamore, Tulip Poplar, Weeping Fig, and Willow</p>	<p>Aphids, Asian Pine Tip Moths, Bagworms, Birch Leafminer, Black Vine Weevil, Boxelder Bugs, Boxwood Leafminer, Brown Spruce Longhorn Beetle, California Oakworm, Cankerworms, Chrysanthemum Leaf Miners, Cicadas, Clover mites, Clover Weevil, Clearwig Borer, Cone Beetles, Cone Worms, Conifer Spider Mite (Adult), Cottonwood Borer, Cottonwood Leaf Beetles, Deer Tick, Douglas Fir Midge, Douglas Fir Tussock Moth, Eastern Tent Caterpillar, Elmleaf Beetle, European Pine Shoot Moth, European Pine Tip Moth, Fall Webworm, Forest Tent Caterpillar, Fungus Gnats, Gypsy Moth (adults &amp; larvae), Japanese Beetle, Leafhoppers, Mealybugs, Mimosa Webworm, Plant Mites, Nantucket Pine Tip Moth, Pillbugs, Pine Bark Beetles, Pine Engraver, Ponderosa Pine Needle Miner, Red Gum Lerp Psyllid, Red Lily Beetles, Red Oak Borer, Root Weevils, Royal Palm Bugs, Sawflies, Seed Bugs, Southern Pine Beetles, Southern Red Mite (Adult), Spider Mites, Subtropical Pine Tip Moth, Sycamore Leaf Beetle, Spruce Mite (adult), Two-Banded Beetles, Webworms, Western Pine Tip Moth, Whiteflies</p>

**[OPTIONAL] [INSECTS [KILLED][CONTROLLED]]**

On Vegetables & Melons:

Aphids, armyworms, artichoke plume moth, asparagus beetle, cabbage looper, Colorado potato beetle, corn earworm, corn rootworm (adult), cucumber beetle (adult), cutworms, diamondback moth, European corn borer, flea beetles, hornworms, imported cabbage looper, leaf hoppers, leaf miners, melon worm, onion maggot (adult), onion thrips, pepper weevil, pickleworm, plantbugs (including lygus, squash, and stink bugs), potato psyllid, potato tuberworm, rindworm, squash vine borer, tomato fruitworm, and tomato pinworm.

On Fruit & Nut Trees:

Apple aphid, caterpillars, codling moth, filbertworm, fruit fly, green fruitworm, leafhoppers, leafrollers, lesser peach tree borer, mired bug, navel orangeworm, oriental fruit moth, peach twig borer, pear psylla, plum curculio, rose chafer, spotted tentiform leafminer, tarnished plant bug, thrips, and walnut husk fly.

[OPTIONAL]: Ornamental Trees, Shrubs, Flowers and Foliage Plants :

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.

On Ornamentals (including Roses):

Asparagus beetle, beet armyworm, cabbage looper, Japanese beetle, lygus bug, and omnivorous leafroller.

On and Around Ornamental Roses, Flowers, Evergreens, Trees, Shade Trees, Bushes and Shrubs:

Adelgids, Ants (excluding fire and Pharaoh ants), Aphids, Apple Aphids, Apple Maggots, Armyworms, Asian Cerambycid Beetles, Asian Lady Beetles, Asian Pine Tip Moths, Australian Sod Flies, Azalea Leafminers, Bagworms, Bees, Beetles, Billbugs, Birch Leafminers, Black Fungus

Beetles, Black Turfgrass Ataenius (adult), Black Turpentine Beetles, Black Vine Weevils, Blacklegged Tick Nymphs, Blister Beetles, Blow Flies, Blue Grass Billbug (adult), Boll Weevils, Boxelder Bugs, Boxwood Leafminers, Brown Dog Ticks, Brown Spider Beetles, Brown Spruce Longhorn Beetles, Browntail Moths, Budworms, Cadelles, California Oakworms, Campylomma Bugs, Cankerworms, Carrion Beetles, Catalpa Sphinx, Caterpillar Ants, Caterpillars (including Tent), Catorama beetles, Chinch Bugs, Chrysantemum Leaf Miners, Cicadas, Clearwing Borers, Climbing Cutworms, Clover Mites, Clover Weevils, Cockroaches, Codling Moths, Cone Beetles, Cone Worms, Conifer Spider Mites (adult), Corn Borers, Corn Earworms, Cottonwood Borers, Cottonwood Leaf Beetles, Crane Flies, Crickets, Cutworms (exposed), Deer Ticks, Dermisid Beetles, Diamondback Larvae, Dichondra Flea Beetles, Digger Wasps, Dingy Cutworm Adult, Douglass Fir Midge, Douglass Fir Tussock Moth, Dung Beetles, Earwigs, Eastern Tent Caterpillars, Elm Leaf Aphids, Elm Spanworms, Elmleaf Beetles, Eriophyid Mites, European Pine Shoot Moths, European Pine Tip Moths, European Red Mites, Fall Armyworms, Fall Cankerworms, Fall Webworms, Fannia Flies, Field Crickets, Firebrats, Fireworms, Flatheaded Borers, Fleas, Flea Beetles, Forest Tent Caterpillars, Fruit Flies, Fruittree Leafrollers, Fuller Rose Beetles, Fungus Beetles, Fungus Gnats, Gall Midges, Gall Wasps, German Cockroaches, Giant Root Aphids, Glassy-winged Sharpshooters, Ground Beetles, Grasshoppers, Green Apple Aphids, Green Bugs, Greenhouse Thrips, Greenhouse Whiteflies, Greenstriped Mapleworms, Grubs, Gypsy Moths (adult and larvae), Hackberry Nipplegall Makers, Hairy Fungus Beetles, Harlequin Bugs, Heliothis spp., Holly Budmoths, Holly Leafminers, Hoplia Beetles, Hornets, Hornworms, Hyperodes Weevils (adult), Inchworms, Iris Borer, Jackpine Budworms, Japanese Beetles, Jeffery Pine Needleminers, June Beetles, Katydid, Lace Bugs, Lawn Moths (Sod Webworms), Leaf Tiers, Leafhoppers, Leafminers, Leafrollers, Lesser Peach Tree Borers, Lice, Locust Borers, Loopers, Love Bugs, Lygus Bugs, Madrone Thrips, Maggots, Maple Leafcutters, McDaniel Spider Mites, Mealybugs, Millipedes, Mimosa Webworms, Plant Mites, Mole Crickets (nymphs and young adults), Moths Murchidius Beetles, Mushroom Flies, Nantucket Pine Tip Moths, Oak Leaf Skeletonizers, Oak Leafminers, Oakworm complex, Oleander Caterpillars, Olive Ash Borers, Orange Tortrix, Orangestriped Oakworms, Pacific Mites, Palmetto Bugs, Peach Twig Borer, Pear Psylla, Pear Sawflies, Pearleaf Blister Mites, Periodical Cicadas, Phorid Flies, Pillbugs, Pine Bark Beetles, Pine Engraver, Pine Sawflies, Pine Spittlebugs, Pink Scavenger Caterpillars, Pinworms, Pitch Pine Tip Moths, Plant Bugs, Plum Curculia, Poinsettia Hornworms, Ponderosa Pine Needle Miner, Psyllids, Puss Caterpillars, Raspberry Horntail, Red Gum Lerp Psyllid, Red Lilly Beetles, Red Oak Borers, Redbanded Leafrollers, Redhumped Oakworms, Rootworms, Rose Aphids, Rose Chafers, Rose Curculios, Rose Leafhoppers, Rose Slugs, Rosy Apple Aphids, Royal Palm Bugs, Saddled Prominent Caterpillar, Sawflies (exposed), Scale (Crawlers), Sciarid Flies, Seedbugs, Silverfish, Small Fruit Flies, Southern Pine Beetles, Souther Red Mite (adult), Southern Chinch Bugs, Sowbugs, Spider Beetles, Spider Mites, Spiders, Spiny Elm Caterpillars, Spittlebugs, Springtails, Spruce Budworms, Spruce Needleminers, Stalk Borers, Strawberry Mites, Subtropical Pine Tip Moths, Sweet Potato Whiteflies, Sycamore Leaf Beetle, Tarnished Plant Bug, Tent Caterpillars, Thorn Bugs, Thrips (exposed), Ticks, Trogoderma Beetles, Two-spotted Spider Mites, Viburnum Leaf Beetles, Walnut Caterpillars, Wasps, Waterbugs, Webworms (including Garden, Sod, Tropical), Weevils, Western Flower Thrips, Western Hemlock Loopers, Western Pine Tip Moth, Western Spruce Budworms, White Apple Leafhoppers, White Apple Leafrollers, White Grubs (Japanese Beetle, European Chafer, Southern Chafer), Willow Leaf Beetles, Winged Termites, Wolly Apple Aphids, Yellow Jackets, and Yellow Poplar Weevils. ]

[Storage and Disposal instructions for professional or agricultural use.]

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool, dry area. Keep container closed. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

Pesticide Disposal

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling

Nonrefillable container. Do not reuse or refill this container.

Triple rinse container (or equivalent) promptly after emptying. 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 1/4 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. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.

[Storage and Disposal instructions for residential use.]

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool, dry area. Always store pesticides in the original container. Store away from food and pet food.

Pesticide Disposal and Container Handling

Nonrefillable container. Do not reuse or refill this container.

If empty:

Place in trash or offer for recycling if available.

If partly filled:

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