

 <p style="text-align: center;"><b>U S ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Registration Division (7504P) 1200 Pennsylvania Ave N W Washington D C 20460 0001</p> <p style="text-align: center;"><b>NOTICE OF PESTICIDE</b> <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA as amended)</p>	<b>EPA Reg Number</b>	<b>Date of Issuance</b>
	<b>1021-2588</b>	<b>AUG 22 2012</b>
	<b>Term of Issuance</b> <b>Unconditional</b>	
<b>Name of Pesticide Product</b> <b>MGK® 74721</b>		
<b>Name and Address of Registrant (include ZIP Code)</b> McLaughlin Gormley King Company 8810 Tenth Avenue North Minneapolis, MN 55427-4319		
<b>Note</b> Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce In any correspondence on this product always refer to the above EPA registration number		
On the basis of information furnished by the registrant the above named pesticide is hereby registered/reregistered under the Federal Insecticide Fungicide and Rodenticide Act		
Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency In order to protect health and the environment the Administrator on his motion may at any time suspend or cancel the registration of a pesticide in accordance with the Act The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others		
This product is unconditionally registered in accordance with section 3(c)(5) of FIFRA provided that you		
1 Submit and/or cite all data required for registration of your product under section 3(c)(5) of FIFRA when the Agency requires all registrants of similar products to submit such data and submit acceptable responses required for reregistration of your product under section 4 of FIFRA		
(continued on page 2)		
<b>Signature of Approving Official</b>	<b>Date</b>	
See page #2	<b>AUG 22 2012</b>	
Richard J Gebken Product Manager (10) Insecticide Branch Registration Division (7504P)		

2 Make the following change(s) to the label

- a Change the product registration number to 'EPA Reg No 1021 2588
- b Make the following label revision(s)

General Comment

1 Delete all text throughout the subject label marked with ~~striethrough~~

National Organic Program (NOP) Labeling Review comment(s)

2 Based upon completion of the NOP labeling review for the proposed product including the review of the accepted basic CSF (dated January 30 2012) and the subject label, you must revise the 6<sup>th</sup> bulleted use restriction within the 'USE RESTRICTIONS' subsection on page 3 of 10 to read

All outdoor applications must be limited to spot treatments only except for the following permitted uses (1) Treatment to soil or vegetation around structures and (2) Applications to lawn turf and other vegetations

The deleted uses that have been marked with ~~striethrough~~ are not recognized under the Organic Gardening Standard and must be deleted from the subject label

Directions for Use section comment(s)

3 Within the 2<sup>nd</sup> and 3<sup>rd</sup> sentences of the text grouping at the top of page 4 of 10 replace the word Pvrethrum with the word Pyrethrins

4 At the top of page 8 of 10 revise the subsection heading **USE DIRECTIONS AND LIMITATIONS TREES AND ORNAMENTALS** to read **USE DIRECTIONS AND RESTRICTIONS TREES AND ORNAMENTALS**

Conditional Data Requirements

5 Within one (1) year from the date of this registration MGK Company must submit a One Year Storage Stability (830 6317) study and a Corrosion Characteristics (830 6320) study on this product in support of this registration MGK Company must conduct these studies in commercial containers and it is recommended that the observations be made at 0, 6 9 and 12 month intervals

3 You must submit two (2) copies of the revised 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 section 6(e) of FIFRA Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions

A copy of your label stamped 'Accepted with Comments' is enclosed for your records along with hard copies of the acute toxicity product chemistry and NOP labeling reviews completed for this product 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 (7504P)

Enclosures

*Label stamped 'Accepted with Comments'  
Acute Toxicity Review dated July 25 2012  
Product Chemistry Review dated July 5 2012  
NOP Labeling Review dated August 16 2012*

001021 02588 D460757

# MGK® 74721

ACTIVE INGREDIENT

Pyrethrins (a botanical insecticide)

0.173%

OTHER INGREDIENTS

99.827%

100.000%

(Contains **0.0144 pounds** Pyrethrins Per Gallon)

KEEP OUT OF REACH OF CHILDREN

## CAUTION

Net Contents \_\_\_ Fl Oz

Manufactured by



8810 Tenth Ave N  
Minneapolis MN 55427

**ACCEPTED  
With COMMENTS  
In EPA Letter Dated  
August 22, 2012**  
**Under the Federal Insecticide, Fungicide  
and Rodenticide Act, As amended, for the  
pesticide Registered under EPA Reg. No:  
1021-2588**

EPA Reg No 1021 XXXX

EPA Est No 1021 MN 2

FIRST AID	
IF SWALLOWED	Call poison control center or doctor immediately for treatment advice Have person sip a glass of water if able to swallow Do not induce vomiting unless told to do so by the poison control center or doctor Do not give anything by mouth to an unconscious person
IF IN EYES	Hold eye open and rinse slowly and gently with water for 15-20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing eye Call a poison control center or doctor for treatment advice
IF ON SKIN OR CLOTHING	Take off contaminated clothing Rinse skin immediately with plenty of water for 15-20 minutes Call a poison control center or doctor for treatment advice
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 concerns) you may call 1-888-740-8712.	

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

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.

{ } OR [ ] indicates alternate or optional wording

[For organic gardening]  
 32 ounces covers [1 500+] [over 1 500] square feet of Home Vegetable Gardens and Home Orchard Tree Crops  
 Apply to cover 10 11 square feet per spray second  
 Contains Pyrethrins – a botanical insecticide derived from Chrysanthemum flowers  
 Kills [over] 250 [250+] [types of] Insects [on] [Vegetables Ornamentals and 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 until 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 & [Flowers] Ornamental Plants]  
 [Where to Use – On [Home Garden] Fruit Trees Fruits Roses Flowers and Vegetables]  
 [Where to Use – On ornamentals including Roses vegetables melons fruit and nut trees]  
 [Broad Spectrum Insecticide and Miticide to kill Insects and Mites on Vegetables Fruits 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 fruits 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 Use Spray  
 Bug Killer  
 For [home] [outdoor] residential use only  
~~Naturally derived from Chrysanthemum flowers~~  
 Insecticide and Miticide  
 Home and Garden Insecticide [and Miticide]  
 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 Home Greenhouses and Orchards  
~~Natural based [insecticide] [and] [miticide]~~  
 Botanical [water based] insecticide  
 Got [insert listed insert here]? Get [insert brand name here]!  
 Convenient  
 Easy To Use  
 Attach hose and spray  
 32oz makes up to 1 9 gallons  
 Squeeze and Measure – No Mess!  
 Tilt this direction to pour [with optional arrow illustration]  
 Pour this direction [with optional arrow illustration]

**Chart (for back label)**

<b>PRODUCT FACTS</b>	
<b>Kills</b>	Over 250 types of insects – including Ants (Excluding Fire Harvester 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 & other listed Insects
<b>Where To Use</b>	Vegetables Fruits Nut and Fruit Trees Herbs Spices Roses Flowers Shrubs Evergreen and Shade Trees
<b>Amount To Use</b>	<ul style="list-style-type: none"> <li>• 32 fl oz covers over 1 800 sq ft</li> <li>• Makes up to 1 9 gallons</li> </ul>
<b>When to Use</b>	<ul style="list-style-type: none"> <li>• At the first signs of insect infestation</li> <li>• Can be used up to day before harvest</li> <li>• Kills eggs during dormant stage</li> </ul>

*Read complete instructions in booklet before using this product*

**DIRECTIONS FOR USE**

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

Read entire label before using this product

**SHAKE WELL BEFORE USING**

**Use Restrictions**

- Apply this product only as specified on this label
- Do not contaminate food or feedstuffs
- Do not allow adults children or pets to enter the treated area until sprays have dried
- Do not apply this product in a way that will contact adults children or pets either directly or through drift
- Do not make applications during rain
- Do not wet plants to point of runoff or drip
- Do not water the treated area to the point of run off
- All outdoor applications must be limited to spot ~~or crack and crevice~~ treatments only except for the following permitted uses
  - (1) Treatment to soil or vegetation around structures
  - (2) Applications to lawns turf and other vegetation
  - ~~(3) Applications to building foundations up to a maximum height of 3 feet~~
- ~~Other than applications to building foundations all outdoor applications to impervious surfaces such as sidewalks driveways patios porches and structural surfaces (such as windows doors and eaves) are limited to spot and crack and crevice applications, only.~~
- Not for use in outdoor residential misting systems
- Aerial applications are prohibited
- 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
- Do not apply directly into sewers or drains or to any area like a gutter where drainage to storm sewers water bodies or aquatic habitat can occur Do not allow the product to enter any drain during or after application
- Remove pets birds and cover fish aquariums before application
- [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

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. [This product] provides rapid kill of insects without objectionable residues. 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.

**HOSE END SPRAYER INSTRUCTIONS  
HOW TO APPLY**

Best for spraying larger areas

- 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

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

Best for spot spraying small areas

Add appropriate amounts of water & product to sprayer tank  
[9 tsp per half gallon of water]  
Spray to cover 73.5 square feet  
Close sprayer, shake well and pressurized. Adjust nozzle to a coarse spray.  
Hold tip of wand about 12" from target and spray.  
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

Fill sprayer jar with enough product for the area to be treated. **DO NOT ADD WATER**  
Close sprayer, set dial to apply 18 teaspoons [3 fluid ounces] [6 tablespoons] per gallon. hook to garden hose and apply.  
Spray to cover 147 square feet  
Pour any unused product back into this original container.

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.

**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

**Crop** **Target pest (Insects [Killed][Controlled])**

<u>Vegetable Crops</u>	<u>Insect Pests</u>
<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	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 wollybean caterpillar yellowstriped armyworm
<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	Armyworms 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
<b>Cucurbit vegetables including</b> Balsam Pear bitter melon Chinese waxgourd Chinese preserving melon Citron melon cucumber Gherkin Edible gourds honeyballs honeydew mellons mango melons muskmelon Persian melon pumpkins cantelope casaba crenshaw zucchini squash and watermelon (including hybrids)	Aphids cabbage looper Cucumber beetles cutworm flea beetles leafhopper leafminer melonworms pickleworm plant bug and squash bug
<b>Fruiting Vegetables (except Cucurbits) including</b> Eggplants Tomatoes and Bell Peppers (including green peppers)	Aphid beet armyworm cabbage looper Colorado potato beetle corn earworm cutworms European corn borer fall armyworm flea beetles granulate cutworm hornworm lace bugs leafhoppers pepper weevil stink bugs thrips tomato fruitworm tomato hornworms tomato pinworm and vegetable leafminer

<p><b>Leafy Vegetables (except brassica) including</b> Amaranth Arugula celery chervil corn salad Chrysanthemum (edible leaved and garland) Cress (garden and upland) Dandelion Dock Endive Fennel lettuce parsley purslane (garden and winter) radicchio rhubarb spinach and Swiss chard</p>	<p>Alfalfa looper aphid aster leafhopper beet armyworm cabbage looper corn earworm cutworm European corn borer fall armyworm flea beetles green cloverworm harlequin bugs imported cabbageworm lygus bugs Southern armyworm spittlebugs stink bugs tarnished plant bug tobacco budworm (Heliothis spp) and vegetable leafminer</p>
<p><b>Onions (dry bulb and garlic)</b></p>	<p>Bulb mites leafminers lesser bulb fly onion fly onion maggots onion thrips seed corn maggots stink bugs thrips and Western flower thrips</p>
<p><b>Corn (sweet and pop) and Rice</b></p>	<p>Armyworm Chinch bugs Corn earworm corn rootworm (adult) Cutworms European corn borer Fall armyworm Flea beetles grape colaspis grasshoppers hop vine borer leafhopper Japanese beetles plant hoppers rice water weevil Sap beetles Southern armyworm Southwestern corn borer stalk borer stem borers stink bugs and Western bean cutworm</p>
<p><b>Root and Tuber Vegetables including</b> Sweet potatoes Artichokes Carrots garden beets horseradish parsnips potatoes radishes rutabagas salsify and turnips</p>	<p>Armyworm artichoke plume moth aster leafhopper beet armyworm cabbage looper carrot weevil Colorado potato beetle corn earworm cucumber beetles cutworm Diamond back moth larvae European corn borer Fall armyworm flea beetles harlequin bug imported cabbageworm lace bugs leafhoppers leafminer lygus bugs potato aphid potato flea beetle potato leafhopper potato psyllid potato tuberworm spittlebugs stink bugs Sweet potato hornworm sweet potato weevil tarnished plant bugs tortoise beetles whitefringed beetle and yellowstriped armyworm</p>
<p><b>Asparagus Cranberry Okra Grapes Sunflowers and Strawberries</b></p>	<p>Apache cicada Asparagus beetle cranberry fireworm cranberry fruitworm cranberry twig girdler cutworm grape berry moths grape leaf folder grape leafhopper grape leafroller grape leaf skeletonizer Japanese beetle June beetle meadow spittlebug omnivorous leaf tier red banded leafroller rose chafer snowy tree cricket spaganothus worm strawberry bud weevil strawberry clipper strawberry fruitworm strawberry leafroller strawberry weevil and western grapeleaf skeletonizer</p>
<p><b>Berries including</b> Blackberries blueberries boysenberries loganberries dewberries and raspberries (Black and Red)</p>	<p>Blueberry maggot cherry fruitworms cranberry fruitworms elm spanworms European fruit lecanium European raspberry aphid Flea beetles Japanese beetles leafhoppers leafrollers meadow spittlebug orange tortrix raspberry aphid raspberry fruitworm raspberry sawfly rose chafer snowy tree cricket and</p>



e	spaganothus worm
<b>Herbs and Spices including</b> Basil Chives Clove Cilantro Dill Fennel Ginger Mint Nutmeg Oregano Parsley Rosemary Saffron Sage Savory Tarragon and Thyme	Aphids cabbage loopers caterpillars flea beetles leafminer slugs spider mites and tomato hornworms

**Crop Target pest (Insects [Killed][Controlled])**

<u>Fruit and Nut Trees</u>	
<b>Apples and Pears</b>	Apple aphids Apple Maggot Bagworms Codling Moth European apple sawfly eyespotted bug moth Green Fruitworm Gypsy moth Japanese Beetle Leafhoppers Lesser appleworm Mealybugs mites Oriental Fruit Moth Pear Psylla Pear Sawfly Periodical Cicada Plant Bug Plum Curculio Redbanded Leafroller San Jose Scale Spotted Tentiform Leafminer Tarnished Plantbug Tent Caterpillars Tufted Apple Budworm white apple leafhopper white apple leafrollers and yellowheaded fireworm
<b>Cherries</b>	Clearwing Borer Mealybugs Cherry Fruit Fly Cherry fruitworm Codling moth Eastern Tent Caterpillar Japanese Beetle June Beetle Leafhoppers Black Cherry Aphids Stink Bugs Plant Bugs Green fruitworm lesser peachtree borer plum curculio redbanded leafroller rose chafer and tarnished plant bug
<b>Peaches Apricots Nectarine and Plums</b>	American Plum Borer Clearwing Borer Codling moth Japanese Beetle June Beetle Leafhoppers Mealybugs Green fruitworm lesser peach tree borer oriental fruit moth peach twig borer Periodical Cicada plum curculio rose chafer Stink Bugs Tent Caterpillar and tarnished plant bug
<b>Almonds Chestnuts Filberts Pecans and Walnuts</b>	Codling moth Navel orangeworm walnut husk fly walnut Aphids European earwig Stink bug hickory shuckworm filbert aphid filbert leafroller filbertworm peach twig borer Plant Bug fall webworm leafrollers Chestnut weevil Pecan Casebearer Pecan Weevil Pecan Aphid Pecan Spittlebug Pecan Phylloxera

<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>
--	--

**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)  
 32 fluid ounces [This product] covers up to 3 600 square feet of Ornamental Flowering and Foliage Plants

**Crop** **Target pest (Insects [Killed][Controlled])**

<p><u>Roses and Ornamental Flowers</u></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 exposed thrips fall cankerworm fall webworm flea beetles fungus gnats inchworms Iris borer Japanese beetle (adults) lacebugs leafhopper leafminer lygus bug mealybugs omnivorous leafroller penodical 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><u>Ornamental Trees and Shrubs</u></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 Clearwing Borer Cone Beetles Cone Worms Conifer Spider Mite (Adult) Cottonwood Borer Cottonwood Leaf Beetles 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]]~~

SMALL FLYING MOTHS 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 flying insects and when used intermittently during outdoor activities will keep the surrounding areas free from these pests Allow spray to dissipate before occupying the treated area

ANTS (Excluding Fire Harvester Pharoah and Carpenter Ants) Spray ant trails anthills and other areas of entry and infestation Spray on ants where possible

SOWBUGS MILLIPEDES BEETLES EARWIGS Asian Lady Beetles Boxelder Bugs Brown Marmorated stink Bugs Stink Bugs Pillbugs Cnckets 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

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 homworms 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 nndworm 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 onental 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 Ins Lily Maidenhair Fern Mangold 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 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 Carpenter Fire Harvester 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 Beetles Billbugs Birch Leafminers Black Fungus Beetles Black Turfgrass Ataenius (adult) Black Turpentine Beetles Black Vine Weevils Blister Beetles Blue Grass Billbug (adult) Boll Weevils Boxelder Bugs Boxwood Leafminers Brown Spider Beetles Brown Spruce Longhorn Beetles Browntail Moths Budworms Cadelles California Oakworms Campyloomma Bugs Cankerworms Carnon Beetles Catalpa Sphinx Caterpillar Ants Caterpillars (including Tent) Catorama beetles Chinch Bugs Chrysanthemum Leaf Miners Cicadas Clearwing Borers Climbing Cutworms Clover Mites Clover Weevils Codling Moths Cone Beetles Cone Worms Conifer Spider Mites (adult) Corn Borers Corn Earworms Cottonwood Borers Cottonwood Leaf Beetles Crane Flies Crickets Cutworms (exposed) Dermestid Beetles Diamondback Larvae Dichondra Flea Beetles Dingy Cutworm Adult Douglass Fir Midge Douglass Fir Tussock Moth Dung Beetles Earwigs Eastern Tent Caterpillars Elm Leaf Aphids Elm Spanworms Elmleaf Beetles Eriophyd 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 Flea Beetles Forest Tent Caterpillars Fruit Flies Fruittree Leafrollers Fuller Rose Beetles Fungus Beetles Fungus Gnats Gall Midges Giant Root Aphids Glassy winged Sharpshooters Ground Beetles Grasshoppers Green Apple Aphids Green Bugs Greenhouse Thnps 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 Hornworms Hyperodes Weevils (adult) Inchworms Ins Borer Jackpine Budworms Japanese Beetles Jeffery Pine Needleminers June Beetles Katydids Lace Bugs Lawn Moths (Sod Webworms) Leaf Tiers Leafhoppers Leafminers Leafrollers Lesser Peach Tree Borers Locust Borers Loopers Love Bugs Lygus Bugs Madrone Thnps Maggots Maple Leafcutters McDaniel Spider Mites Mealybugs Millipedes Mimosa Webworms Plant Mites Mole Crickets (nymphs and young adults) Moths Murmidius Beetles Mushroom Flies Nantucket Pine Tip Moths Oak Leaf Skeletonizers Oak Leafminers Oakworm complex Oleander Caterpillars Olive Ash Borers Orange Tortnx Orangestriped Oakworms Pacific Mites Peach Twig Borer Pear Psylla Pear Sawflies Pearleaf Blister Mites Periodical Cicadas Phond 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) Sciand Flies Seedbugs Silverfish Small Fruit Flies Southern Pine Beetles Souther Red Mite (adult) Southern Chinch Bugs Sowbugs Spider Beetles Spider Mites Spiny Elm Caterpillars Spittlebugs Springtails Spruce Budworms Spruce Needleminers Stalk Borers Strawberry Mites Subtropical Pine Tip Moths Sweet Potato Whiteflies Sycamore Leaf Beetle Tamished Plant Bug Tent Caterpillars Thorn Bugs Thnps (exposed) Trogoderma Beetles Two spotted Spider Mites Viburnum Leaf Beetles Walnut Caterpillars Webworms (including Garden Sod Tropical) Weevils Western Flower Thnps 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 and Yellow Poplar Weevils ]

**STORAGE AND DISPOSAL**

Do not contaminate water food or feed by storage and disposal

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

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

**Container Handling and Disposal** 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