


1021-2566

10-25-2011

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 <p align="center">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p>	<p>EPA Registration No. 1021-2566</p>	<p>Date of Issuance: OCT 25 2011</p>
<p align="center">NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</p>	<p>Term of Issuance: Conditional</p>	
	<p>Name of Pesticide Product: MGK® Formula 29401</p>	
<p>Name and Address of Registrant (include ZIP Code): Steven K. Ditto, Regulatory Affairs Specialist McLaughlin Gormley King Company 8810 Tenth Avenue North Minneapolis, MN 55427-4319</p>		
<p>Note: 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.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(a) provided that you:</p> <p align="center">(See comments on pages 2-3)</p> <p>A copy of your label stamped "Accepted with Comments" is enclosed for your records.</p>		
<p>Signature of Approving Official: Refer to Page 3 Richard J. Gebken, Product Manager Registration Division, Insecticide Branch</p>	<p>Date: OCT 25 2011</p>	

EPA Form 8570-6

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable subject to the comments listed below.

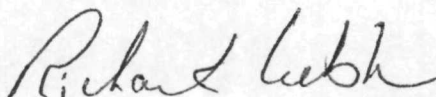
1. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 1021-2566"
 - b. Per the Agency's Product Performance/Efficacy Review (copy attached), you must delete all the statements and claims on the label that are marked with ~~strickethrough~~ text, and also make all revisions listed as follows:
 - i. The minimum label application rate must be increased to four ounces of product per 500 square feet (0.156 gram esfenvalerate or 0.004%), equivalent to 0.03 lbs a.i./acre, based on the cited data and other EPA registered MGK labels in order to include the labeled pests except as noted below. All calculations on the label must also be changed where appropriate to reflect this rate.
 - ii. Remove all "Repels" claims from the label. Repellent data were not cited.
 - iii. Remove all claims of residual efficacy of 7 days against mosquitoes.
 - iv. Remove all claims against carpenter bees.
 - v. On page 5, for lawn treatments, change "6 tsp (1 ounce) treats 167 square feet to 6 tsp (1 ounce) treats 125 feet". 24 ounces should be used to treat the 3000 square feet area may be retained as it is now correct.
 - vi. On page 7, for outdoor surfaces, change to read "8 ounces per gallon of water for 1000 square feet of outside surfaces". Change "Set dial" from "6 ounces" to "8 ounces". Bullets 3 and 4 may be retained as they are now correct.
 - vii. On page 7, change "32 oz treats 5,300 square feet" to "32 ounces treats 4,000 square feet".
 - viii. On page 7 change "6 oz treat 1,000 square feet" to read "8 ounces treats 1000 square feet". Change "2 oz treats 500 square feet" to read "4 ounces treats 500 square feet".
 - ix. On page 7 change "32 oz to treat 1,060 linear feet in a five foot wide band of product" to read "32 oz to treat 800 linear feet in a five foot wide band of product".
 - x. On page 1 of the label, the amount treated with 16 oz should be changed to 2000 square feet and the amount to be covered with 32 oz should be changed to 4000 square feet. Change "dilute 3 fluid ounces per gallon to 4 fluid ounces per gallon."
 - xi. Remove all claims against centipedes from the label.
2. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit data.
3. Within sixteen (16) months of the date on this Notice of Registration, provide to the Agency acceptable data packages for Guideline Studies as follows:
 - a. OPPTS 830.6317, (Storage Stability) and OPPTS 830.6320 (Corrosion Characteristics). If acceptable data is not submitted within 16 months of this NOR,

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this registration will expire on February 25, 2013.

Two copies of the finished labeling must be submitted prior to releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. If you have any questions, you may contact Clayton Myers, at (703) 347-8874, or via email at myers.clayton@epa.gov.

Sincerely,



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

Enclosures

Stamped Label
Agency Acute Toxicity Review
Agency Product Chemistry Review
Agency Product Performance/Efficacy Review

MGK®

McLAUGHLIN
GORMLEY
KING COMPANY

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

[] = optional language

For Use On: Lawns, Ground Covers, Patios, Wooden Structures, and Foundations Around Homes

READY TO SPRAY

CONCENTRATE

KILLS INSECTS

Flower & Garden Insect Killer

Mosquito & Flying Insect Killer

Carpenter Ant Killer [Concentrate]

Tree, Shrub, and Lawn Spray

Stops Bugs in Your Lawns, Trees, Shrubs & Flowers

Kills [Controls] Mosquitoes, Fleas & Ticks

[Also] Kills Japanese Beetles, Mosquitoes, Fire Ants, Asian Lady Beetles,

Boxelder Beetles (Bugs), Stink Bugs and many other insects

For Use Around Residential [Home] Areas Only

For Use on Residential Lawns, Gardens, Patios and Home Picnic Areas

Only

[Also] Stop(s) bugs in Your [Also Use on] Lawns [Trees and Shrubs] [Roses

& Flowers] [Fruits & Nuts] [Vegetables] [Gardens]

No Mixing Required

Water Based

Kills ~~and Repels~~

Connect to Hose & Spray

Hose End Use - Always Shake Well Before Using

Kills 60+ Insects

Spray Around Yard Perimeter

Kills Troublesome and Damaging Insects as Listed

Kills Wood Infesting Insects

Kills ~~Carpenter Bees~~ and Beetles

Kills [Deer] Ticks that [which] may Carry Lyme Disease

Treat Outside Surfaces of Buildings, Porches, Wooden Decks, Patios,

Fences, Foundations, Wood Piles and Tree Stumps

Kills Carpenter Ants, ~~Carpenter Bees~~, Powderpost Beetles and Other Listed Insects

Contains Esfenvalerate, a residual contact control insecticide that controls [kills] many hard-to-kill sucking and chewing insects

Kills Insects: Fleas, ticks, cockroaches, ants, crickets, ~~centipedes~~, sowbugs (pillbugs) and spiders.

Kills Wood Destroying Pests: ~~Carpenter Bees~~, Carpenter Ants, Old House

Borers, Powder Post Beetles, Furniture Beetles, Round-Headed House

Borers, and Deathwatch Beetles.

Outdoor Building Perimeter Treatment.

Kills *Ixodes dammini* tick (deer tick), which transmits lyme disease

Kills Foraging Fire Ants

Kills and ~~Repels~~ Mosquitoes ^{Up to 7 days}

Kills Insects: Fleas, Ticks

Yard & Kennel Spray

[1 pint] 16 oz Treats Up to ⁰⁰⁰ 2,050 square feet

[1 quart] 32 oz Treats Up to ⁴⁰⁰⁰ 5,300 square feet

[Coverage:]

[1 quart] 32 oz Treats Up to ⁴⁰⁰⁰ 5,300 square feet of lawn

[1 pint] 16 oz Treats Up to ⁴⁰⁰⁰ 2,650 square feet of lawn

Dilute ~~3~~ fluid ounces per gallon of water to treat 500 square feet

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ACTIVE INGREDIENT:

Esfenvalerate

0.133%

OTHER INGREDIENTS

99.867%

100.000%

ACCEPTED
With COMMENTS
In EPA Letter Dated:

OCT 25 2011

Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:

1021-2566

MGK® - Registered trademark of McLaughlin Gormley King Company

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF SWALLOWED:

- Call a 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 a 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 information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

Net Contents _____

Manufactured by:

McLAUGHLIN GORMLEY KING COMPANY

8810 Tenth Avenue North

Minneapolis, MN 55427

EPA Reg. No. 1021-XXXX

EPA Est. No. 1021-MN-2

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish. 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

PRODUCT USAGE [FACTS][QUICK FACTS]

Kills: [Ants,] Aphids, Beetles, [Chinch Bugs, Crickets, Japanese Beetles,][Cutworms,][Earwigs,][Fleas,][Japanese Beetle Grubs,] Mealybugs, [Mites,][Mole Crickets,][Mosquitoes,][Sod Webworms,] Spider Mites, [Tent Caterpillars,][Ticks,] Whiteflies and many other[s][garden [nuisance] pests][more insects] as listed. [Also kills wood-infesting insects including Carpenter Ants.]

USE ON [WHERE TO USE]: Fruits [Fruit Trees], Vegetables, Roses, Flowers, Lawns, Trees and Shrubs, [Flowers][and as a [short term] residual spray to outside surfaces of buildings, foundations, porches, patios, window frames, and other areas where pests congregate.][Outdoors around the home]

AMOUNT TO USE: See detailed instructions inside label. [Roses, Trees, Shrubs, Fruits, Vegetables: 1-3 fl. Oz. Per gallon of water][Lawns: ~~8~~ 26 fl.oz. per 1,000 sq.ft.][Nuisance pests: 16 fl.oz. per ~~640~~ 400 linear ft. by 5 foot spray band][See directions for specific application rates] ~~3~~

(Optional text below in *Italics* can be used for final printed labels with wood infesting insects directions)

[PRODUCT USAGE [QUICK FACTS]]

KILLS: Carpenter Ants, ~~Carpenter Bees~~, Powder post Beetles, and other wood infesting pests.

USE ON: Outside surfaces of buildings, porches, wooden decks and patios, wooden fences, window frames, doorways, foundations, eaves, patios, garages, wood piles, tree stumps, and other areas where you may find these pests.

AMOUNT TO USE: Mix 12 fl. Oz. With one quart of water to treat 250 square feet.

(Optional text below in *Italics* used when packaged in hose-end applicator containers only.)

PRODUCT USAGE [QUICK FACTS]

KILLS: Ants, Chinch Bugs, Crickets, Japanese Beetles, Mosquitoes, Ticks, Whiteflies, and many other insects as listed [other listed insects].

USE ON: Lawns, Trees, Shrubs, Roses, Flowers, and as a residual spray to outside surfaces of buildings porches, patios, window frames, and other areas where pests congregate.

AMOUNT TO USE: No mixing required. Connect to hose and spray. [Ready to use Hose-End Spray]

(Optional text below in *Italics* used when packaged in certain 32 fl. Oz hose-end applicator containers only.)

Kills: Kills troublesome and damaging insects as listed.

Use On: Lawn and other outdoor areas where pests congregate. 4,000

Amount to Use: NO MIXING. Connect to hose and spray. Treats up to ~~5,000~~ sq. ft. [of lawn]

DIRECTIONS FOR USE

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

MGK® Formula 29401 [product name] is an effective formulation, which kills crawling insects fast.

This product kills troublesome outdoor insects which destroy lawns, roses, flowers, trees and shrubs: Ants, Bagworms, Aphids, Borers, Armyworms, Chinch Bugs, Inchworms, Spider mites, Green fruitworms, Beetles, Fleas, Cicadas, Thrips, Leafhoppers, Cutworms, Sod webworms, Leafrollers, Whiteflies, Moths, Weevils.

Also kills Alfalfa loopers, Brown dog ticks, Budworms, Cabbageworms, Citrus black flies, Cluster flies, Codling moths, Corn earworms, Crickets, Earwigs, Elm spanworms, Fall cankerworms, Gnats, Grasshoppers, House flies, Japanese beetles, Leafminers, Lone star ticks, Lygus bugs, Mealybugs, Millipedes, Mole crickets, Mosquitoes, Navy orangeworms, Scales, Sowbugs (pillbugs), Spring cankerworms, Tent caterpillars, Ticks including Deer tick (which may carry Lyme disease), Tobacco budworms, and many others.

READ ENTIRE LABEL BEFORE USE

Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of feedstuffs, food, or food handling surfaces.

PRECAUTIONS:

Do not water the treated area to the point of run-off.

Do not make applications during rain.

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.

People and pets should not be allowed in treated areas until spray has dried. Do not use this product on pets.

Avoid contamination of food and feedstuffs. Avoid contamination of food or food handling surfaces.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

GENERAL: Use [this product] to control on contact fleas, ticks, cockroaches, ants, crickets, centipedes, sowbugs (pillbugs) and spiders. Do not spray near fish ponds or other bodies of water. Avoid soaking young or flowering plants.

BUILDING PERIMETER TREATMENT: To help prevent infestation of buildings by listed pests, treat a 12-18 inch band of soil or other substrate adjacent to building foundation to a height of 2 to 3 feet where the pests are active and may find entrance. Spray outside surfaces of buildings, porches, patios, garages, and other areas where these pests have been seen or found.

HOW TO APPLY

Outdoor Perimeter Treatment Application

To keep fleas and cockroaches from entering the house:

-Spray a 1 to 1.5 foot band on the soil around the house next to the foundation. Spray a 2 to 3 foot band from the ground up the side of the house [using the illustration as an example].

[Illustration]

400 800

-This package [16 fluid ounces][32 fluid ounces] will treat up to ~~500~~⁴⁰⁰~~1,000~~⁸⁰⁰ linear feet with a 5 foot band of product. Apply product at a rate of approximately 1 linear foot for every 2 seconds.

-In addition to the foundation, this product can also be used around window frames and doorways, on porches and patios, along eaves and exterior siding.

WHEN TO REAPPLY

Repeat application is necessary only if there are signs of renewed insect activity. Repeat application should be limited to no more than once every seven days.

WOOD-INFESTING INSECTS: For Beetles (Furniture, Deathwatch, False Powderpost, Longhorned, Powderpost), Carpenter ants (and other wood-infesting ants), and Carpenter bees):

Treat outside surfaces of building, porches, wooden decks and patios, wooden fences, window frames, doorways, foundations, eaves, patios, garages, garage areas and other areas where you may find these pests.

Mix 12 fl.oz. with 1 quart of water to treat 250 sq.ft. Spray infested surfaces until thoroughly wet, avoiding dripping and runoff. Apply evenly on wood surfaces. To treat small areas, apply by brushing or spraying the diluted spray. For large areas, use a coarse, low-pressure spray. Repeat treatment as needed to maintain effectiveness. Do not spray into electrical outlets or utilities.

Spray infested areas and areas likely to be infested, such as wood surfaces, voids and channels in damaged wood and foundations where infestation is likely to occur, also around fenceposts, wood piles (do not use on firewood) and tree stumps.

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended. Do not permit contact with treated surfaces until spray has dried. Treated confined areas such as detached garages, under porches and decks, should be ventilated during and immediately following application before the areas are re-occupied.

For carpenter ants, spray around doors and windows and other places where ants may enter or crawl and hide. Also treat cracks and crevices or openings into wall voids or other areas where these ants may be present.

For carpenter bees, spray or inject into holes and tunnels already made by the bees with a tank sprayer, and spray areas where they are beginning to build tunnels into the wood.

TO KILL FLEAS AND TICKS HARBORING IN LAWNS AND BACKYARDS: For best results: Lawn should be mowed a day or two before spraying. Spray using a slow, even sweeping motion, being sure to cover the entire lawn surface where the pests will normally frequent. Spray under ornamentals and trees, but avoid soaking young or flowering plants. Repeat treatments may be necessary at 7 to 14 day intervals.

Kills on contact:

Ixodes dammini tick (deer tick), which transmits Lyme disease.

Foraging fire ants. A registered fire ant mound treatment [such as...] should also be used in conjunction with this product.

Keep pets and children out of the treatment area until after the spray has dried. Do not spray animals. Dogs, cats, their kennels or bedding area should be treated with a registered flea control product in conjunction with this application.

LAWN FLEA AND TICK CONTROL:

To kill fleas and ticks harboring in lawns and backyards, use this concentrate in a hose-end sprayer. For best results, lawn should be mowed a day or two before spraying. Spray using a slow, even sweeping motion, being sure to cover the entire lawn surface where the pets will normally frequent. Spray under ornamentals and trees, but avoid soaking young flowering plants. Kills on contact the *Ixodes scapularis* tick (deer tick), which may carry lyme disease.

Keep pets and children out of treated areas until after the spray has dried. Do not spray animals. Dogs, cats their kennel or bedding area should also be treated with a registered flea and tick control product in conjunction with the application.

DIRECTIONS FOR HOSE-END SPRAYER

The enclosed hose-end sprayer is calibrated to deliver the correct amount of product in accordance with label directions. Use this sprayer ONLY with the accompanying bottle in accordance with the label directions.

1. Make certain the valve is in the OFF position.
2. Screw the sprayer attachment onto the garden hose
3. Remove the cap from the bottle and carefully screw the bottle counter-clockwise into the sprayer attachment until tight.
4. Turn on water at faucet while aiming the sprayer toward the lawn and turn the control knob of the sprayer attachment to the ON position to begin spraying.
5. When finished spraying, turn the control knob to the OFF Position. Discharge residual water pressure by turning Water supply OFF and re-open the control knob.]

[Optional Sprayer Information]

For Dial-Style Hose-End Sprayers

- Step 1: Fill sprayer jar with enough concentrate to cover area to be treated
- Step 2: Attach sprayer top and set dial to appropriate dilution rate
- Step 3: Attach sprayer to hose and apply
- Step 4: Begin by spraying area farthest from faucet, walking backwards as you apply to avoid contact with the treated area.

For Concentrate Plus Water Hose-End Sprayers

- Step 1: Pour concentrate into sprayer jar to the required fluid ounce level
- Step 2: Add the appropriate amount of water to the gallons level.
- Step 3: Replace sprayer top and shake well before applying.
- Step 4: Begin by spraying area farthest from faucet, walking backwards as you apply to avoid contact with the treat area.]

FOR DIAL-STYLE Hose-End Sprayers:

Dilution rate: 3 fluid ounce per gallon (6 tablespoons = 3 fluid ounces) Coverage = Apply up to 500 square feet

FOR CONCENTRATE-PLUS-WATER Hose-End Sprayers:

Dilution rate: 3 fluid ounce per gallon (6 tablespoons = 3 fluid ounces) Coverage = Apply up to 500 square feet

IN GARDENS

**MIXING INSTRUCTIONS
In Gardens**

Amount to Use: 3 fl oz (6 Tbs) per gal of water for hose-end or tank sprayer

[DNS icon] When using [product name]

1. Set dial to 3 oz.
2. Pour product into sprayer to fill jar one-quarter to one-half full. **DO NOT** add water.
3. After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

HOW TO APPLY

[Use a Tank, [product name], or Hose-End Sprayer] Spray plant to wet the upper and lower leaf surfaces until dripping.

WHEN TO APPLY

Apply as necessary to maintain control waiting at least 7 days between each application.

PLANTS

Ornamental Plants including: Roses, Flowers, Shrubs and [&] Shade Trees

Vegetables: See list in following table.

PESTS [BUGS] [INSECTS] CONTROLLED [KILLED]

On Ornamental Plants

Aphid, Armyworm, Balsam Woolly Adelgid, Buckhorn Aphid, Cabbage Looper, Cucumber Beetle (adults) - spotted and [&] striped, Cutworm, European Pine Sawfly, Fall Webworm, Flea Beetle, Grasshopper, Gypsy Moth, Imported Cabbageworm, Japanese Beetle, Leafhopper, Looper, Northern Pine Weevil, Pine Chafer, Pine Coreid Bug, Red Pine Sawfly, Redheaded Pine Sawfly, Saltmarsh Caterpillar, Spittlebugs, Tent Caterpillar and [&] Whitefly

INSECTS CONTROLLED

On Ornamental Plants (including: roses, flowers & shrubs)

Aphid, armyworm, balsam woolly adelgid, buckhorn aphid, cabbage looper, cucumber beetle (adults) - spotted and striped, cutworm, European pine sawfly, fall webworm, flea beetle, grasshopper, gypsy moth, imported cabbageworm, Japanese beetle, leafhopper, looper, northern pine weevil, pine chafer, pine coreid bug red pine sawfly, redheaded pine sawfly, saltmarsh caterpillar, spittlebugs, tent caterpillar and whitefly

On Vegetables & Melons

Alfalfa caterpillar, alfalfa looper, aphid, armyworm, artichoke plume moth, beet armyworm, buckhorn aphid, cabbage looper, carrot weevil, celery looper, chinch bug, Colorado potato beetle, corn earworm, corn rootworm (adults), cowpea curculio, cucumber beetle (adults) - spotted and striped, cutworm, diamondback moth, European corn borer, flea beetle, grasshopper, green cloverworm, imported cabbageworm, leafhopper, looper, lygus bug, Mexican bean beetle, painted lady caterpillar, pea aphid, pea weevil, pepper weevil, pickleworm, potato leafhopper, potato psyllid, potato tuberworm, rindworm, saltmarsh caterpillar, sap beetle

southwestern corn borer, squash bug, squash vine borer, stalk borer, stink bug, tarnished plant bug, tobacco hornworm, tomato fruitworm, tomato hornworm, tomato pinworm, vegetable leafminer, velvetbean caterpillar, western bean cutworm and whitefly.

On Berries, Fruit and [&] Nut Trees

Apple Aphid, Black Cherry Aphid, Blueberry Spanworm, Cherry Fruitworm, Cranberry Fruitworm, Cranberry Weevil, Grasshoppers, Leafhoppers, Red Striped Fireworm, Codling Moth, Leafrollers, Leafhoppers, Green Fruit Worm, Plant Bugs, Oblique Banded Leafroller, Variegated Leafroller, Tentiform Leaf Miner, San Jose Scale (on fruit only), Tufted Apple Budmoth, Plum Curculio, Oriental Fruit Moth, Apple Maggot, Red-Banded Leafroller, Lesser Appleworm, Rosey Apple Aphid, Periodical Cicada, Pear Psylla, Pear Slug, Naval Orangeworm, Peach Twig Borer, Filbert Worm, Peach Tree Borer, Lesser Peach Tree Borer, Cherry Fruit Fly, American Plum Borer, Pecan Weevil, Hickory Shuckworm, Pecan Nut Casebearer, Pecan Aphids, Pecan Spittlebug, Pecan Stem Phylloxera, Pecan Leaf Phylloxera, Walnut Aphid and [&] Walnut Husk Fly

HOW TO APPLY

Spray plant to wet the upper and lower leaf surfaces until dripping.

WHEN TO APPLY [optional icon]

Apply as necessary to maintain control waiting at least 7 days between each application.

VEGETABLES	DAYS TO WAIT TO HARVEST	VEGETABLES	DAYS TO WAIT TO HARVEST
Artichoke	7	Green Peas	3
Broccoli	3	Peppers	7
Cabbage	3	Potatoes	7
Carrots	7	Pumpkin	3
Cauliflower	3	Radishes	7
Collards	7	Snap Beans	3
Cucumbers	3	Squash	3
Dry Beans	21	Sweet Corn	1
Dry Peas	21	Tomatoes	1
Eggplant	7		
MELONS	DAYS TO WAIT TO HARVEST		3

Fruits and [&] Nut Trees	Days to Harvest	Fruits and [&] Nut Trees	Days to Harvest
Almond	21	Peaches	14
Apple	21	Pecans	21
Apricot	14	Pears	28
Blueberry	14	Plums	14
Caneberries (Blackberries, Loganberries, Red Raspberries and [&] Black Raspberries)	21	Prunes	14
Cherries	14	Walnuts	21
Elderberries	21		
Gooseberries	21		
Filberts	21		
Melons	3		
Nectarines	14		

ON LAWNS [HOME LAWNS]

BUGS [INSECTS] [PESTS] CONTROLLED [KILLED]

Fleas and [&] Ticks (including ticks [which (that) may carry Lyme disease])

Also kills foraging fire ants upon direct contact.

Other Lawn pests: Armyworms, Brown dog ticks, Chiggers, Chinch bugs, Crickets, Cutworms, Grasshoppers, Japanese beetle grubs, Mole crickets, Mosquitoes, Sod webworms.

MIXING INSTRUCTIONS

125 On Lawns

Amount to Use: 6 tsp per gal of water for each 107 sq ft for hose-end sprayers

[DINS icon] When using [product name]

1. Set dial to 6 tsp.
2. Add 24 fl oz to sprayer jar. **DO NOT** add water.
3. Spray evenly over 3,000 sq ft (50' x 60')

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

HOW TO APPLY

[Use a Tank, [product name], or Hose-End Sprayer].

*Measure lawn. Calculate square feet by multiplying length times width. [walking man icon]

*Spray evenly over measured area. Treat entire lawn. Also spray under trees and shrubs.

*[Treat fire ant mounds with [Brand] Fire ant Killer.]

Important: Do not spray animals. Dogs, cats, their kennels or bedding areas should also be treated with a registered flea and tick control product [such as (product name)] in conjunction with this application.

WHEN TO MOW LAWN

For best results, mow a day or two before spraying.

[reentry icon] People and pets may enter treated area after spray has dried.

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ON OTHER OUTDOOR SURFACES [NUISANCE PESTS IN OUTDOOR AREAS]

BUGS [INSECTS] [PESTS] CONTROLLED [KILLED]

Ants (including foraging fire ants), Asian Lady Beetles, Boxelder bugs, Chiggers, Cicadas, Clover mites, Cluster flies, Cockroaches (including German and Asian Cockroaches), Crickets, Earwigs, Fleas, Flying moths, Gnats, Lone star ticks, Millipedes, Mosquitoes, Palmetto Bugs, Sowbugs, Pillbugs, Spiders, Tent caterpillars, and Ticks (including Deer tick which may carry Lyme disease).

MIXING INSTRUCTIONS

On Other Outdoor Surfaces [NUISANCE PESTS IN OUTDOOR AREAS]

Amount to Use: 6 fluid ounces per gallon of water for 1,000 square feet of outside surfaces [in a hose-end or tank sprayer].

[When using product name]

1. Set dial to 6 ounces
2. Add 24 fluid ounces to sprayer jar. **DO NOT** add water.
3. Spray evenly over 3,000 sq ft (50' x 60')

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

HOW TO APPLY

[Use a Tank, (product name) or Hose-End Sprayer]. Spray outdoor surfaces of buildings, porches, patios, garages and [&] other areas where these bugs [insects] [pests] have been seen or are found.

For treatment of localized infestations of these insects in areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly.

For ANTS, thoroughly wet hills and runways.

For TENT CATERPILLARS, Application should be made when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening when caterpillars have returned to their tents. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent, however, they should die within several hours.

Repeat application as reinfestation occurs.

Do not spray in or near fishponds or other bodies of water.

HOW TO APPLY

Spray outdoor surfaces of buildings, porches, patios, garages and other areas where these insects have been seen or are found. Do not spray in or near fishponds or other bodies of water.

(6 fl.oz. treats 1,000 sq. ft.)/[2fl. Oz. treats 500 sq. ft.)]

HOSE END SPRAYER: Easy to Use. For Application to Lawns, Outdoor Ornamentals, and Other Outdoor Residential areas.

32 oz. Treats Up to ~~5,000~~⁴⁰⁰⁰ Square Feet

1. Make sure knob Control lever is in the OFF position. Shake well and attach to hose.
2. Turn water on at faucet, aim nozzle toward lawn and turn knob Control lever to ON to begin spraying
3. When finished turn Control lever to OFF position. Turn faucet to OFF Position. Discharge residual water pressure by turning ON and OFF again. Store out of reach of children.

THREE EASY STEPS TO MIX AND APPLY:

Step #1: For vegetables, measure the area to be sprayed. Calculate square feet by multiplying length by width. For all other applications, apply as a thorough cover spray.

Step #2: Use a clean sprayer. Carefully measure and mix the amount of concentrate and water as directed.

Step #3: Spray as directed. Thorough coverage is important. Flush sprayer with clean water after each use. **Make applications when insects first appear.**

Repeat applications as directed. See directions for complete insect list.

IMPORTANT

[reentry icon] People and pets may enter treated area after spray has dried.

Do not spray animals [with this product]. [Dogs, cats, their kennels or bedding areas should also be treated with a registered flea and tick control product in conjunction with this application].

[For complete flea control, it is also important to control fleas indoors and on pets. Use a product registered for use on dogs and cats, such as [product name].

For indoors on carpets or pet resting areas, use a product such as [product name].]

Barrier Spray For Nuisance Pests: Such as Ants, Clover mites, Cluster flies, Crickets, Earwigs, Fleas, Flying moths, Gnats, House flies, Millipedes, Mosquitoes, Sowbugs (pillbugs), Spiders, Tent caterpillars, Ticks (Brown dog, Deer, Lone Star)

General Directions: ⁸⁰⁰

Use 32 fl oz. to treat ~~4,000~~⁸⁰⁰ linear feet with a 5 foot band of product. Apply product at a rate of approximately 1 linear foot for every 2 seconds.

To help prevent infestations of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of building, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

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OTHER OUTSIDE AREAS

Pests: Ants, Crickets, Earwigs, Fleas, Spiders, Ticks, (Brown dog, Deer, Lone star)	How to Use: For treatment of localized infestations of these insects in areas where there are weeds, shrubs or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat [as necessary] application as reinfestations occur.
Pests: Cluster flies, Flying moths, Gnats, House flies, Mosquitoes	How to Use: For use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, under patio furniture, in garages and other places where these insects alight or congregate. Repeat as necessary.
Pest: Tent caterpillars	How to Use: Application should be made when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent, however, they should die within several hours..

Outside Surfaces of Buildings	Pests: Ants, Clover mites, Crickets, Earwigs, Millipedes, Sowbugs (pillbugs).	How to Use: To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, picnic areas, garages, refuse piles, and other areas where these pests congregate or have been seen. Hold sprayer two (2) to three (3) feet from surface to be treated. Spray to slightly moisten the surface. [To maintain effectiveness, reapply as reinfestation occurs.] [Repeat as needed to maintain effectiveness.]
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USE ON LAWNS

Kentucky bluegrass, Bent, Bermuda, bluegrass, dichondra, fescue, Irish moss, Merion and St. Augustine	Pests: Ants Armyworms, Brown dog ticks, Chinch bugs, Crickets, Cutworms, Deer ticks, Fleas, Grasshoppers, Japanese beetles grubs, Mole crickets and Sod webworms.	How to Use: Thoroughly wet down grass a few hours before applying. Home[Residential] lawns should be no taller than 3 inches at time of application. Slightly more water may be used as long as the amount of product per area is as listed below. For heavy infestations, repeat application after 1 week. ⁴⁰⁰⁰ For listed insects 32 fl oz. treats 5,000 sq. ft.
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USE ON TREES & SHRUBS

Arizona Cypress, Azalea, Birch, Non-Bearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mock-Orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip, Poplar, Rhododendron, Taxus

Pests: Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Inchworms, Leafminers, Mealybugs, Spider mites, Whiteflies. Fall webworms on Cherry and Honeysuckle, Budworms on Conifer, Elm leaf beetles, Elm spanworms and Fall webworms on Elms, Tussock moths on Douglas and Grand Firs, Citrus black flies on Non-Bearing Citrus, Oakworms on Oaks, Pine beetles, Pine moths, Pine needleminers, and Needle scales on Pines.

How to Use: Apply as a thorough spray, wetting leaves and branches but do not let runoff occur. Try to penetrate dense foliage. Spray in the late afternoon or evening, when the temperature ranges from 50 to 75 F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary; use intervals of 4-8 days.

USE ON ROSES & FLOWERS

Ageratum, Aster, Azalea, Begonia, Coleus, Common Ninebark and Snowberry, Exacum, Gladiolus, Gold Bells, Hypoestes, Ivy, Lilac, Marigold, Mock-Orange, Nannyberry, Orchid, Pansy, Pea Shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia.

Pests: Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Fall webworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, and Whiteflies.

How to Use: Apply as a thorough spray, wetting the plants thoroughly, but do not let runoff occur. Try to hit underside of leaves and penetrate dense foliage. Spray in the later afternoon or evening, when the temperature ranges from 50 to 75 F and when there is little or no wind. Spray at the first sign of insects. To maintain effectiveness; spray as reinfestation occurs but use intervals of 7-10 days.

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.