



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 19, 2026

Kresti Lyddon  
Senior Regulatory Affairs Specialist  
McLaughlin Gormley King Company D/B/A MGK  
7325 Aspen Lane North  
Minneapolis, MN 55428

Subject: Label Amendment - Registration Review Mitigation for Esfenvalerate and Pyriproxyfen  
Product Name: MGK 30901  
EPA Registration Number: 1021-2785  
Case Number: 481103, 483445  
Application Dates: January 17, 2020, November 11, 2020

Dear Kresti Lyddon:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Esfenvalerate and Pyriproxyfen Interim Decisions, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Nick Barnett by phone at 513-569-7643, or via email at [Barnett.nicholas@epa.gov](mailto:Barnett.nicholas@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Julie R. Javier". The signature is written in a cursive style with a horizontal line through the middle.

Julie Javier, Team Leader  
Risk Mitigation and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

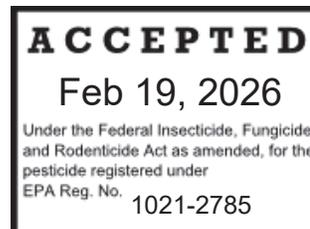
# MGK® 30901

PYRIPROXYFEN	GROUP	7C	INSECTICIDE
ESFENVALERATE	GROUP	3A	INSECTICIDE

**NOTE: Bold, Italicized text is information for the reader and is not part of the label.** Information in [brackets] or (parentheses) is optional text. Text separated by “/” denotes and/or options.

**ACTIVE INGREDIENT:**

Esfenvalerate .....	0.133%
Nylar.....	0.066%
OTHER INGREDIENTS .....	99.801%
	100.000%



MGK®, Nylar® - Registered trademarks of McLaughlin Gormley King Company

See inside booklet for [First Aid,] [Precautionary Statements,] Directions for Use and Storage and Disposal.

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
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 for  
  
 7325 Aspen Lane North  
 Minneapolis MN 55428

EPA Reg. No. 1021-2785

EPA Est. No. 1021-MN-2

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

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. 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 runoff 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 runoff 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 (excluding fire ants, harvester ants, carpenter ants and pharaoh ants),] Aphids, Beetles, [Chinch Bugs, Crickets, Japanese Beetles,] [Cutworms,] [Earwigs,] [Fleas,] [Japanese Beetle Grubs], Mealybugs, [Mites,] [Mole Crickets,] [Sod Webworms,] Spider Mites, [Tent Caterpillars,] Whiteflies and many other[s] [garden [nuisance] pests] [more insects] as listed. [Also kills wood-infesting insects].

USE ON [WHERE TO USE]: 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 400 linear ft. by 5 foot spray band.] [See directions for specific application rates.]

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

*[PRODUCT USAGE [QUICK FACTS]]*

*KILLS: 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 sq. ft..

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

**PRODUCT USAGE [QUICK FACTS]**

**KILLS:** *Ants (excluding fire ants, harvester ants, carpenter ants and pharaoh ants), Chinch Bugs, Crickets, Japanese Beetles, 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.*

**Amount to Use:** *NO MIXING. Connect to hose and spray. Treats up to 4,000 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.

**READ ENTIRE LABEL BEFORE USE**

For both indoor and outdoor use

**PESTICIDE RESISTANCE MANAGEMENT**

MGK® 30901 [or brand name] contains a Group 7C and 3A insecticide. Any insect population may contain individuals naturally resistant to MGK® 30901 and other Group 7C and 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same use sites. Appropriate resistance management strategies should be followed.

To delay insecticide resistance consider:

- Avoiding the consecutive use of MGK® 30901 [or brand name] or other Group 7A or 3C insecticides that have a similar target site of action, on the same insect species.
- Basing insecticide use on a comprehensive IPM program.
- Monitoring treated insect population for loss of field efficacy.
- Contacting your manufacturer for insecticide resistance management and or IPM recommendations for the specific site and resistance pest problem

**USE RESTRICTIONS:**

- Do not allow to enter indoor or outdoor drains. No permita la entrada a desagües internos o externos.



- Do not water the treated area to the point of runoff
- Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- Do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply or irrigate to the point of runoff.
- Do not apply when the wind speed is greater than 15 mph.
- Do not apply the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
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All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
6. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or

surface waters.

MGK® Formula 30901 [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 (excluding fire ants, harvester ants, carpenter ants and pharaoh 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, Budworms, Cabbageworms, Citrus black flies, Codling moths, Corn earworms, Crickets, Earwigs, Elm spanworms, Fall cankerworms, Gnats, Grasshoppers, House flies, Japanese beetles, Leafminers, Lygus bugs, Mealybugs, Millipedes, Mole crickets, Naval Orange Worms, Scales, Sowbugs (pillbugs), Spring cankerworms, Tent caterpillars, Tobacco budworms, and many others.

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.

Do not allow people and pets in treated areas until spray has dried. Do not use this product on pets.

Do not contaminate food and feedstuffs or food handling surfaces.

#### SPRAY DRIFT ADVISORIES

- Take precautions to minimize spray drift.

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

GENERAL: Use [this product] to control on contact fleas, ants (including Crazy Ants and excluding fire ants, harvester ants, carpenter ants and pharaoh ants), crickets, sowbugs (pillbugs), and spiders (excluding black widow spiders). Spot treatments must not exceed two square feet in size. For crack and crevice treatments, treat surfaces to ensure thorough coverage but avoid runoff. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

This product contains NyLar®, a photostable insect growth regulator (IGR). Applications on soil surfaces will provide up to 84 days [12 weeks] [3 months] residual (IGR) activity.

[This product] can be used [to control listed pests] along woody borders of kennels, yards, campgrounds, recreational parks, and footpaths and roadways leading to such areas.

Do not spray near fish ponds or other bodies of water. Avoid soaking young or flowering plants.

**PREVENTIVE FLEA TREATMENT:** [This Product] can be used outdoors as a preventive treatment prior to the flea season. First, remove animals or pets before spraying. Apply this product in areas where pets or other animals are known to frequent and where previous infestations have been known to occur. Application [of this product] will reduce the emergence of fleas and also control fleas. The early use [of this product] could reduce the need for conventional insecticides when used as directed.

#### **BARRIER TREATMENT**

##### For Use on Outdoor Surfaces on and around Buildings:

Treat outside surfaces of buildings such as exterior siding, foundations, porches, window frames, eaves, patios, garages, foundation pillars, piers, veneers, crawl space entrances, chimney bases, masonry cracks and voids, stoops, under slabs, plumbing and utility entry sites, bath traps, expansion joints, refuse dumps, garbage areas, lawn areas and landscaped areas adjacent to or around private homes, cabins, lake homes, cottages, vacation homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, fence lines, storage sheds, barns, kennels, chicken coops, hobby greenhouses, and other residential structures. Treatments may also be made to soil, trunks of trees and woody ornamentals, and other similar areas where pests congregate, are active or areas where pests have been seen. Coverage of bark on the scaffold limbs to the ground level of the trunk is recommended for best control.

#### **Structural Perimeter Barrier Treatment**

Applying a continual band of insecticide around a building foundation and around windows, doors, service line entrances, eaves, soffits, vents, roof overhangs, and other areas can greatly reduce the potential for entry by crawling pests. To facilitate application, remove debris and leaf litter from next to the foundation, cut back vegetation and branches that touch the foundation, and move or rake back rocks, deep mulch, or other potential pest harborage next to the foundation.

Treat entry points around water pipes, utility penetrations and entry points, windows, doors, vents, eaves, soffit areas and other exterior openings (including foundation cracks or drilled holes) where pests enter the structure or where they have been seen or found or can find shelter.

Void applications can be made into rubble foundations, wall voids, under slabs, stoops, and other similar voids.

House siding higher than 3 feet from the foundation may be treated if Gypsy Moth adults, caterpillars, flies, Boxelder bugs, elm leaf beetles, earwigs, silverfish, and similar pests are present or are known to be active and find shelter.

**BUILDING PERIMETER TREATMENT:** To help prevent infestation of buildings by fleas/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.

**Barrier Spray For Nuisance Pests:** Such as Ants (excluding fire ants, harvester ants, carpenter ants and pharaoh ants), Clover mites, Crickets, Earwigs, Fleas, Flying moths, Gnats, House flies, Millipedes, Sowbugs (pillbugs), Spiders (excluding black widows), Tent caterpillars.

**General Directions:**

Use 32 fl. oz. to treat 800 linear feet with a 5 foot band of product. Apply product at a rate of approximately 1 linear foot for every 2 seconds. Take precautions to minimize spray drift.

To help prevent infestations of buildings, treat the building foundation to a height of 2 to 3 feet, were 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.

Spiders (excluding black widow spiders): Use only out-of-doors as an aid in reducing annoyance from these insects. Apply as a spot or crack and crevice spray to outside surfaces of window and door frames as well as other areas where these pests may enter the home. Also spray dark corners and localized resting areas (such as under eaves) of porches, patios, fences, and garages where these insects may congregate. Flies coming to rest on treated surfaces will be killed.

Asian Lady Beetles, Boxelder Bugs: Treat in late summer or fall just before pests begin looking for Winter shelter. Spray siding, eaves, around windows, doors and window screens. To help reduce infestations treat cracks and crevices, attics and other indoor winter hiding places and eave areas, weep holes, under siding, wall voids, around attic vents, cracks and crevices, openings around windows, doors, pipes, and other exterior openings (including foundation cracks or drilled holes) where pests enter the structure or where they have been seen or found or can find shelter.

Ants (excluding fire ants, harvester ants, carpenter ants and pharaoh ants): Spray around ant trails and hills. Spray around nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray on and around debris until surface is slightly wet. Treatment of infested fences and tree holes is permitted.

Vinyl and Aluminum Siding: Applications made to vinyl and aluminum siding (particularly lightly colored, aged, weathered or otherwise damaged) may result in staining, bleaching, or discoloration. Factors such as extreme heat or direct sunlight can promote damage when using this product. Before applying this product to vinyl or aluminum siding, treat a small area and evaluate 30 minutes later to allow any potential staining to occur. Regardless of the test results, do not apply to vinyl or aluminum siding when exposed to direct sunlight or during the heat of the day.

**HOW TO APPLY****Outdoor Perimeter Treatment Application**

To keep fleas 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]. Take precautions to minimize spray drift.

[Illustration]

-This package [16 fl. oz.] [32 fl. oz.] will treat up to [400] [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).

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 fence posts, 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, such as rubber or vinyl 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 ants (excluding fire ants, harvester ants, carpenter ants and pharaoh 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.

**TO KILL FLEAS 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. Take precautions to minimize spray drift. Repeat treatments may be necessary at 7 to 14 day intervals. Kills on contact.

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 CONTROL:**

To kill fleas 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.

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. Take precautions to minimize spray drift.
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.]

**USE ON MULCH, COMPOST, MANURE, DECORATIVE STONE and on ORNAMENTAL CRUSHED ROCK:**

Around home structures, garages, sheds, outbuildings, egress doors and windows, ornamental gardens, vegetable gardens, rock gardens, around ornamental trees and shrubs, along fences and fence rows, driveways, paths and trails, landscape timbers, parking areas, tennis courts, basketball courts, trampolines, lawn irrigation equipment, vacant lots, decks, mail boxes (posts), gazebos, carports, campers, cabins, sidewalks, swimming pools, telephone poles and utility boxes.

For immediate and residual control: Treat listed areas that harbor Crazy Ants, Fly Larvae, Crickets.. Creates a barrier against, Ants (excluding fire ants, harvester ants, carpenter ants and pharaoh ants), Fleas, Asian Lady Beetles, Boxelder Beetles, Earwigs, Pillbugs, Spiders (excluding black widow spiders), ambrosia beetles, death hunter beetles, false powderpost beetles, powderpost beetles, Millipedes, Mites, Sowbugs, and Flies.

For Preventive Control of Flying insect Pests (such as Flies, Moths, Midges, and Gnats): Apply into moist breeding areas such as potted plants, mulch, compost, moist debris, litter and on decorative stone and ornamental crushed rock. This product contains an adulticide that provides immediate and up to three week residual control of [flying insects] [house flies]. The second ingredient, [Nylar IGR], will result in a reduction in adult fly populations after 3-4 weeks.

[32 fl. oz.] in a hose-end ready to spray is enough to treat the following [with 0.05 ppm Nylar]:

Product Coverage (sq. ft.)	Cubic Yds.*	Product coverage based on the material depth	
		1 in.	2 in.
Mulch (Bark, Leaves, Organic Matter)	33.75	7,290 sq. ft.	3,645 sq. ft.
Manure	50.00	10,800 sq. ft.	5,400 sq. ft.
Compost or Lava Rock	16.875	3,645 sq. ft.	1,822 sq. ft.
Decorative Stone and Ornamental Crushed Rock	10.00	2,160 sq. ft.	1,080 sq. ft.

\*1 cubic yard = 324 sq. ft. @ 1" deep

**[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. Take precautions to minimize spray drift.

**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.] Take precautions to minimize spray drift.

**FOR DIAL-STYLE Hose-End Sprayers:**

Dilution rate: 4 fl. oz. per gallon (8 tablespoons = 4 fl. oz.) Coverage = Apply up to 500 sq. ft.

**FOR CONCENTRATE-PLUS-WATER Hose-End Sprayers:**

Dilution rate: 4 fl. oz. per gallon (8 tablespoons = 4 fl. oz.) Coverage = Apply up to 500 sq. ft.

**IN GARDENS**

**MIXING INSTRUCTIONS  
In Ornamental Gardens**

**Amount to Use:** 4 fl. oz. (8 Tbsp.) per gal of water for hose-end or tank sprayer.

*[DNS icon]* When using [product name]

1. Set dial to 4 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 (Tbsp.) = 3 teaspoons (tsp.)

1 fl. oz. = 2 Tbsp.

**HOW TO APPLY**

[Use a Tank or Hose-End Sprayer] Spray plant to wet the upper and lower leaf surfaces until dripping. Take precautions to minimize spray drift.

**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

**HOW TO APPLY**

Spray plant to wet the upper and lower leaf surfaces until dripping. Take precautions to minimize spray drift.

**WHEN TO APPLY** *[optional icon]*

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

**ON LAWNS [HOME LAWNS]**

**BUGS [INSECTS] [PESTS] CONTROLLED [KILLED]**

Fleas

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

**MIXING INSTRUCTIONS  
On Lawns**

**Amount to Use:** 6 tsp. per gal of water for each 125 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 (Tbsp.) = 3 teaspoons (tsp.)

1 fl. oz. = 2 Tbsp.

**HOW TO APPLY**

[Use a Tank 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. Take precautions to minimize spray drift.

\*[Treat fire ant mounds with a registered 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 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.

**ON OTHER OUTDOOR SURFACES [NUISANCE PESTS IN OUTDOOR AREAS]**

**BUGS [INSECTS] [PESTS] CONTROLLED [KILLED]**

Ants (excluding fire ants, harvester ants, carpenter ants and pharaoh ants), Asian Lady Beetles, Boxelder bugs, Cicadas, Clover mites, Crickets, Earwigs, Fleas, Flying moths, Gnats, Millipedes, Palmetto Bugs, Sowbugs, Pillbugs, Spiders (excluding black widow spiders), Tent caterpillars.

**MIXING INSTRUCTIONS****On Other Outdoor Surfaces [NUISANCE PESTS IN OUTDOOR AREAS]****Amount to Use:** 8 fl. oz. per gallon of water for 1,000 sq. ft. of outside surfaces [in a hose-end or tank sprayer].

[When using product name]

1. Set dial to 8 ounces
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 (Tbsp.) = 3 teaspoons (tsp.)

1 fl. oz. = 2 Tbsp.

**HOW TO APPLY**

[Use a Tank or Hose-End Sprayer]. Spray outdoor surfaces of buildings, porches, patios, garages and [&amp;] other areas where these bugs [insects] [pests] have been seen or are found. Take precautions to minimize spray drift.

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 (excluding fire ants, harvester ants, carpenter ants and pharaoh 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.

(8 [fl.] oz. treats 1,000 sq. ft.)/[ 4 fl. oz. treats 500 sq. ft.]

**HOSE END SPRAYER:** Easy to Use. For Application to Lawns, Outdoor Ornamentals, and Other Outdoor Residential areas. Take precautions to minimize spray drift.

32 oz. Treats Up to 4,000 Sq. ft.

1. Make sure 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. For indoors on carpets or pet resting areas, use a product that is registered for these use areas.]

**OTHER OUTSIDE AREAS**

Pests: Ants (excluding fire ants, harvester ants, carpenter ants and pharaoh ants), Crickets, Earwigs, Fleas, Spiders (excluding black widow spiders)	<b>How to Use:</b> 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: Flying moths, Gnats, House flies	<b>How to Use:</b> 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	<b>How to Use:</b> Make application 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	<b>Pests:</b> Ants (excluding fire ants, harvester ants, carpenter ants and pharaoh ants), Clover mites, Crickets, Earwigs, Millipedes, Sowbugs (pillbugs).	<b>How to Use:</b> 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. Take precautions to minimize spray drift. [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	<b>Pests:</b> Ants (excluding fire ants, harvester ants, carpenter ants and pharaoh ants), Armyworms, Chinch bugs, Crickets, Cutworms, Fleas, Grasshoppers, Japanese beetles grubs, Mole crickets and Sod webworms.	<b>How to Use:</b> 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. Take precautions to minimize spray drift. For listed insects 32 fl. oz. treats 4,000 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	<b>Pests:</b> 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.	<b>How to Use:</b> 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. Take precautions to minimize spray drift.
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#### 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.	<b>Pests:</b> Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Fall webworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, and Whiteflies.	<b>How to Use:</b> 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.
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### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.  
Follow proper disposal procedures on this label. Siga las indicaciones del etiquetado para el desecho apropiado del producto

#### 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

Non-refillable container. Do not reuse or refill this container.

If empty:

Place in trash or offer for recycling if available.

If partly filled:

Do not pour our dispose down-the-drain or sewer. Call your local solid waste agency for disposal instructions.

#### OPTIONAL MARKETING CLAIMS:

**Note to PM:** When qualified claims are used on the market label, the qualifying statement will appear in close proximity to the claim when it does not impact any mandatory language.

#### Kill Claims

- Kills Bugs/Insects/Pests/[listed insects]
- Kills/Controls [listed insects] on/by Contact
- Kills/Controls Bugs/Pests/Insects/[listed insects]
- Kills/Controls [listed insects]/wide range of insect species
- Kills listed ants [and many other listed pests [listed insects]]
- Kills [Controls]/Flies/Fleas [Also] Kills Japanese Beetles// Ants\*/Asian Lady Beetles/Boxelder Beetles (Bugs)/ / [and many other insects]  
\*excluding fire ants, harvester ants, carpenter ants and pharaoh ants
- Kills 60+ Insects
- Kills Troublesome and Damaging Insects as Listed
- Kills Wood Infesting Insects\*\*  
\*\*excluding carpenter ants, termites and carpenter bees
- Kills Beetles
- Kills Ants\*/Powderpost Beetles and Other Listed Insects  
\*excluding fire ants, harvester ants, carpenter ants and pharaoh ants

- Kills/Controls Insects: Fleas/flyes /ants\*, crickets/sowbugs (pillbugs)/spiders (excluding black widow spiders)  
\*excluding fire ants, harvester ants, carpenter ants and pharaoh ants
- Kills Wood Destroying Pests\*\*: Ants/Old House Borers/Powder Post Beetles/Furniture Beetles/Round-Headed House Borers/Deathwatch Beetles  
\*\*excluding carpenter ants, termites and carpenter bees
- Kills/Controls Ants\*  
\*\*excluding carpenter ants, termites and carpenter bees
- Kills Insects: Fleas
- Kills and Suppresses adult and immature stages of Cluster Flies/Filth Flies/Flying Moths/Gnats/House Flies/
- Kills Ants\* (including Swarming Crazy Ants)/Crickets/Earwigs/Fleas  
\*\*excluding carpenter ants, termites and carpenter bees
- Stops/Breaks the Flea Life Cycle
- Breaks flea life cycle
- Kills fleas
- Effectively breaks the flea life cycle preventing future development of adult flea
- [Also] kills/controls nuisance ants\* [in your yard]  
\*excluding fire ants, harvester ants, carpenter ants and pharaoh ants

#### **Residual Claims**

- [up to] [1/2/3 month(s)] [4/8/12 week(s)] [30/60/84 day(s)]
- 4/8/12 Week Control/Residual for fleas\*
- Lasts/Works/Effective against fleas[for up to] [[1/2/3 month(s)] [4/8/12 weeks] [30/60/84 days]\*
- Stops hatching [flea] eggs (larvae) from developing into Adult Fleas for [1/2/3 month(s)] [4/8/12 weeks] [30/60/84 days]
- Controls Fleas for [up to] [1/2/3 month(s)] [4/8/12 weeks] [30/60/84 days]

\*Prevents adult flea emergence outdoors for up to 3 months /12 weeks /84 days

#### **Barrier Claims**

- Creates a barrier that [will kill] [kills] the listed bugs you have and help new listed bugs from coming [in] [inside your home]
- Immediately forms [creates] [establishes] a [bug] [insect] [Pest] barrier

#### **Site Use Claims**

- For [Residential] Outdoor [Residential] Use [Only]
- For Use Around Residential [Home] Areas [Only]
- For Use on Residential Lawns/Gardens/Patios /Home Picnic Areas [Only]
- For use On [Lawns], [Trees], [Shrubs], [Ornamentals], [Roses] and [Flowers]
- For Use On: Lawns/Ground Covers/Patios/Wooden Structures/ Foundations Around Homes
- Can be applied to Tree Bark
- Treat Soil to Protect Ornamentals
- Penetrates Deep into Cracks and Crevices
- Perfect for Vertical Cracks and Surfaces
- Perfect for Uneven and Difficult to Reach Surfaces
- Foundation and Void Uses
- Surround/Protect/Barricade [your] Whole [Home] Foundation
- Tree, Shrub, and Lawn [Flea] Spray
- Stops Bugs in Your Lawns, Trees, Shrubs & Flowers
- [Also] Stop(s) bugs/Fleas in Your [Also Use on] Lawns [Trees and Shrubs] [Roses & Flowers] [Fruits & Nuts] [Vegetables] [Gardens]
- Spray Around Yard Perimeter
- Treat Outside Surfaces of Buildings, Porches, Wooden Decks, Patios, Fences, Foundations, Wood Piles and Tree Stumps
- Outdoor Building Perimeter Treatment
- Yard & Kennel Spray
- Lawn [& Garden] Flea prevention [spray]
- Use on Lawn and other outdoor areas where pests congregate
- Home Foundation [and Soil] Barrier Treatment

#### **Water-based formula claims**

- No Stains
- Will Not Stain/Non-Staining on [Water-Safe Surfaces]
- Water-based/Non-staining [Formula]
- Dries clear
- Odor Free
- Odorless
- Fragrance-Free
- Unscented
- No lingering/lasting [chemical] odor
- Dries fast/quick[ly]
- Water based [formula] [water droplet icon]
- Non-flammable
- No oily/sticky mess/residue [to clean]
- Dries Clear

**Coverage Claims**

- [Coverage:] [1 quart] 32 oz. Treats Up to 4,000 sq. ft. of lawn
- [1 pint] 16 oz. Treats Up to 2,000 sq. ft. of lawn
- Dilute 4 fl. oz. per gallon of water to treat 500 sq. ft.
- [1 pint] 16 oz. Treats Up to 2,000 sq. ft.
- [1 quart] 32 oz. Treats Up to 4,000 sq. ft.

**General Claims**

- [Hose end] Ready to Use/Spray [Concentrate]
- Concentrate
- Dual [Modes of] action: Contact [Kill]– Residual [Control]
- Apply when you Need it and Works when you Leave it
- Apply before Insects Invade
- Apply prior to change of/ [at the beginning of each] season for prevention and best results
- Rain (weather) Resistant after an Hour
- Three in One: Crack and Crevice, Spot Treatment, Barrier Treatment
  
- [Back] [Yard] Flea ] Prevention [Spray]
- Lawn/Flower & Garden Insect Killer
  
- Contains Esfenvalerate, a residual contact control insecticide that controls [kills] many hard-to-kill sucking and chewing insects
- Contains Nylar® [, an insect growth regulator]
- With/Plus Nylar®/[Growth Regulator]
- Pre-Season Treatment
- Home perimeter/barrier treatment
- Kills [Controls], Flies, Fleas and Prevents future generation of fleas from developing
- [Helps/May] Prevent[s] future fleas from developing into biting adults
- Treats your yard, not your dog/cat/pet
- [Cat] Flea [Yard] Spray

**Convenience Claims**

- Know You Have your Home Covered
- Back Saver
- [No Mess]/[Easy to Use]/[No Mixing]
- Convenient Delivery Method
- No Mixing Required
- Connect to Hose & Spray
- Ready to Spray
- Hose End Use – Always Shake Well Before Using

**END OF OPTIONAL MARKETING CLAIMS**