



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

May 12, 2026

Maryanne Kellogg  
Regulatory Consultant  
Pyxis Regulatory Consulting, Inc. for Voluntary Purchasing Groups, Inc.  
4110 136<sup>th</sup> St. Ct. NW  
Gig Harbor, WA 98332

Subject: Label Amendment - Registration Review Mitigation for Permethrin  
Product Name: HI-YIELD KILL-A-BUG III GRANULES  
EPA Registration Number: 7401-453  
Application Date: 3/15/2021  
Case Number: 474002

Dear Maryanne Kellogg:

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 Permethrin Interim Decision, 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 Kent Fothergill via email at [fothergill.kent@epa.gov](mailto:fothergill.kent@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Dana L. Friedman". The signature is written in a cursive style with a large, stylized initial 'D'.

Dana L. Friedman, Chief  
Risk Management and Implementation Branch 1  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs  
U.S. Environmental Protection Agency

ENCLOSURE: Stamped label

**ACCEPTED**

May 12, 2026

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 7401-453

[FRONT LABEL PANEL]

**Hi-Yield®**  
**Kill-A-Bug® III Granules**  
**[Hi-Yield Kill-A-Bug II Lawn Granules]**

- [KILLS INSECTS IN LAWNS]
  - [LAWN & GARDEN INSECT CONTROL]
  - [TREATS UP TO 1,000 5,000 10,000 15,000 SQ. FT.]
  - [CONTROL HOME INVADING PESTS]
  - [10 POUNDS TREATS 5,000 SQ. FT.]
  - [CONTROLS SURFACE AND FOLIAGE FEEDING PESTS]
  - [FOR GRASS AND DICHONDRA LAWNS]
  - [CONTAINS SYNTHETIC PYRETHROID]
  - [FOR OUTDOOR USE ON HOME LAWNS]
  - [CONTAINS PERMETHRIN]
  - [READY TO USE]
  - [KILLS: Ants, Armyworms (inc. Fall, Yellow-striped; etc.), Bear Tick, Bermudagrass Mites, Billbugs (adult), Black Legged Tick, Boxelder Bugs, Brown Dog Ticks, Centipedes, Chiggers, Chinch bugs, Clover Mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Deer Tick (Ixodes dammini), Digger Wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetle (in Dichondra), Fleas, Grasshopper, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Lone Start Tick, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders (inc. Black Widow), Spittlebugs, Springtails, Ticks, Vegetable Weevils (in Dichondra), Western Black Legged Tick (Ixodes pacificus)]
  - [PROVIDES CONTACT AND RESIDUAL CONTROL FOR UP TO 4 WEEKS]
- [ ]-Denotes Optional Statements

**ACTIVE INGREDIENT:**

†Permethrin..... 0.5%

**INERT INGREDIENTS:**..... 99.5%

TOTAL: ..... 100.0%

†(3-phenoxyphenyl) methyl (±) cis/trans 3-(2,2-dichlororethenyl) 2,2-dimethylcyclopropanecarboxylate. Cis/trans ratio: Maximum 55% (=) cis and minimum 45% (±) trans.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See Back/Side Label Panel for Additional Precautionary Statements

Net Weight \_\_\_\_\_

<b>FIRST AID</b>	
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>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call ChemTel, Inc. North America 1-800-255-3924 or Worldwide Intl. +01-813-248-0585 for emergency medical treatment.</p>	

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Avoid contact with 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 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 treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will prevent 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.

**DIRECTIONS FOR USE**

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

For outdoor use only.

For soil or foliar applications, 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 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.

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.

Not for use on plants being grown for sale or other commercial seed production or research purposes.

Hi-Yield® Kill-A-Bug® II Granules is recommended for the control of lawn insects, fleas and ticks outdoors in residential areas. Repeated applications are made by broadcast treatment with a spreader to lawns, under shrubbery, and other ornamental and turf grass areas, band treatments are recommended around the house foundation and spot applications are made to ant mounds and wasp nests.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the point of run-off.

Do not make applications during rain.

1. Determine size of area to be treated - measure and multiply length times width.
2. Determine appropriate spreader setting using chart.
3. Treat as directed - thorough coverage is important. Water in where indicated.
4. Keep children and pets off treated areas until this material is washed into turf and grass is dry.
5. Do not use food utensils such as teaspoons or measuring cups for food purposes after use with pesticides.
6. Do not make applications during rain.

**Entry Restriction for Products applied dry:**

Do not allow adults, children, or pets to enter the treated area until dusts have settled.

**OVERALL LAWN TREATMENT  
FOR GRASS AND DICHONDRA LAWNS**

Do not apply when the wind speed is greater than 15 mph.

To control **Ants, Armyworms (inc. Fall, Yellow-Striped, etc.), Bermudagrass Mites, Billbugs (adult), Boxelder Bugs, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Digger Wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Flea Beetle (in Dichondra), Grasshopper, hyperodea (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders (inc. Black Widow), Spittlebugs, Springtails, Vegetable Weevils (in Dichondra)**; apply this product uniformly to home lawns, under shrubbery, and other ornamental recreational turf grass areas. Treat when insects first appear using granules and the rate of 2 pounds per 1,000 sq. ft. or, for heavy lawns such as St. Augustine grass, 3 pounds per 1,000 sq. ft. using a fertilizer spreader. See Spreader Setting Chart below. To help obtain uniform distribution, apply one-half required amount of product in one direction, and then apply the balance at a right angle. Immediately after application, water the lawn lightly. Re-treat as necessary.

**European Crane Fly Larvae (Leatherjackets)** - The best time to apply is in May or June when the insects are young.

**Chinch Bugs** - Start treatments when temperatures reach 80°F or above. A second application may be necessary in 6 weeks if insect activity continues.

### **FLEA AND TICK CONTROL (OUTDOORS)**

In summer months, fleas and ticks frequently become established in lawns and pet resting areas surrounding the home. For best control of **Fleas and Ticks (including but not limited to Bear Tick, Black Legged Tick, Brown Dog Tick, Deer Tick (Ixodes dammini), Lone Star Tick, Western Black Legged Tick, Wood Tick)**; a regular treatment program should be followed. Treat once a month when pests first appear in late spring (May - June) and continue until late summer (September - October). Fall temperatures below 50°F decrease pest activity. Eliminate weeds around the home and mowing lawns frequently reduces the hiding places for these pests.

**NOTE:** Dogs, cats, their kennel or bedding area should also be treated with a registered product. In addition, if fleas and ticks are indoors on carpets or pest resting areas, use a registered product such as Vikor Insecticide Concentrate or Vikor Home·Pest Control, ideally in combination with an Insect Growth Regulator such as Alter EC. It is very important that all three sites - outdoors, indoors and also the pet be treated with appropriate labeled products to achieve satisfactory control. If any of these areas are not treated, it could serve as a source of re-infestation to the entire premises.

### **SOD WEBWORMS (CRAMBUS SPP)**

Sod Webworms are the light brown caterpillars  $\frac{1}{4}$  to  $\frac{3}{4}$  inch long, which hide in the grass during the day and feed on the grass blades at night. Adult Webworms, usually referred to as Lawn Moths (about 1 inch in length with long snout), emerge from the grass at dusk. They fly over the lawn laying eggs that later hatch into destructive caterpillars. Damage appears first as small brown spots which, if not treated, may, rapidly develop into large brown areas of severely damaged or dead grass. If Lawn Moths (Sod Webworm Adults) are noticed in large numbers at dusk, or at first sign of damage to lawn, treat entire lawn evenly.

### **BAND (PERIMETER) TREATMENT AROUND HOUSE FOUNDATION**

To help prevent infestation of buildings by **Ants, Boxelder Bugs, Brown Dog Ticks, Centipedes, Cockroaches, Clover Mites, Crickets, Field Crickets, Fleas, Scorpions, Sowbugs, Spiders (inc. Black Widow), Spingtails (Collembola) and Ticks**; treat at a rate of one pound per 500 sq. ft. or 2 pounds per 1,000 sq. ft. Apply a 5-foot band of granules next to the house foundation. Distribute granules uniformly. Water lightly after application.

### **SPOT TREATMENT**

Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.)

ANTS NESTING OUTDOORS: This product may be used outdoors for the control of ants

including: **Acrobat, Argentine, Big Headed, Cornfield, Field, Harvester, Leafcutter, Little Black, Pavement and Pyramid Ants.** If possible, it is best to try to locate nest and treat this first. Nests will usually be found in the ground but may be concealed under stones, boards, slabs or in stumps or logs. Product should be applied to thoroughly cover the nest (one to two teaspoons) and sprinkle gently with water. In addition to treating ant nests or mounds, entry points of building (used by ants) and the soil surface along the perimeter of the building should be treated.

**DIGGER WASPS:** Apply one to two teaspoons of granules in and around each individual ground nest opening. Make the application at dusk when the wasps are not active.

**IMPORTED FIRE ANTS:** Apply one cup over, and two feet around each fire ant mound. Immediately after application, water the granules into the soil gently with a light sprinkling to avoid disturbing the colony. Use at least one gallon of water per mound, but no more than two gallons. Use of high pressure watering equipment may disturb the colony and cause migration of ants, thus reducing the effectiveness of the treatment. Apply in cool weather (65-80°F), or in early morning or late evening for best results. Treat new mounds as they appear.

#### SPREADER SETTINGS

SPREADER MAKE AND MODEL	SETTING TO DELIVER	
	2 LBS. PER 1,000 SQ. FT.	3 LBS. PER 1,000 SQ. FT.
<b>ferti-lome®</b> by Spyker	4	5
<b>ferti-lome®</b> Plus Iron Broadcast/Earthway 2850	14	16
<b>ferti-lome®</b> Plus Iron Broadcast/Earthway 2800A	14	16
<b>ferti-lome®</b> Deluxe Broadcast/Earthway 2050 S.U.	14	16
Earthway Drop 7300B	16	20
Republic/Scotts Broadcast	4	5
Republic/Scotts Drop	7	8
Precision Drop FH-22D	10	12
Precision Broadcast/Red Devil	13	15

Note: Spreader Settings given are approximate and variation can occur between identical models. User should calibrate spreader by accurately weighing a few pounds into your spreader and applying to a measured area. Then adjust spreader setting if necessary to assure correct rate of application.

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store product in its original container in a cool, dry, locked place out of reach of children and domestic animals.

**PRODUCT DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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

**NOTE:** Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith. Voluntary Purchasing Groups, Inc. warrants this product to conform to the chemical description on the label and for the purposes stated on the label. The limit of any liability incurred shall be the purchase price paid by the user or buyer.

Released For Shipment By:

VOLUNTARY PURCHASING GROUPS, INC.  
230 FM 87  
BONHAM, TX 75418  
EPA Reg. No. 7401-453  
EPA Est. No. 7401-TX-001

[EPA Approval Date]