



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 19, 2015

Rebecca Horton
Consultant/Agent for Jesmond Holding Ag
Registrations by Design, Inc.
P.O. Box 1019
Salem, VA 24163-1019

Subject: PRIA Label Amendment – Add new marketing claims and revise existing claims
Product Name: BIO KILL EXTRA GT READY-TO-USE
EPA Registration Number: 64321-11
Application Date: January 16, 2015
Decision Number: 499328

Dear Ms. Horton:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. 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 18 months from the date of this letter. After 18 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.

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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

Page 2 of 2
EPA Reg. No. 64321-11
Decision No. 499328

with FIFRA section 6. If you have any questions, you may contact Elizabeth Fertich at 703-347-8560 or via email at fertich.elizabeth@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', with a stylized flourish at the end.

Kable Bo Davis, Product Manager 3
Invertebrate and Vertebrate Branch 1 (IVB1)
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

BIO KILL® EXTRA GT READY-TO-USE

Optional Marketing Statement(s)

Use in, on and around buildings and structures for the control of listed pest.

For Indoor and Outdoor Use

Use in and around residential buildings, on lawns, ornamental trees and shrubs, and recreational areas.

Use as a perimeter treatment around the home to kill (protect against) listed insects (pests).

Very fast knockdown* and killing effect by direct spray!

(Kills by Contact) – reveals a residual killing efficacy on non-porous surfaces for up to 8 weeks [2 months] [56 days] after treatment for house flies, cockroaches, black ants, fire ants, bed bugs and house spiders.

Kills houseflies, German cockroaches, American cockroaches, black ants, fire ants, silverfish, bed bugs, and house spiders for at least 8 weeks on non-porous surfaces.

*excluding house spider, American cockroaches and termites

Active Ingredients:

Lambda-cyhalothrin¹ (CAS #91465-08-6)..... 0.0675%

Prallethrin¹ (CAS #23031-36-9) 0.0075%

Other Ingredients: 99.925%

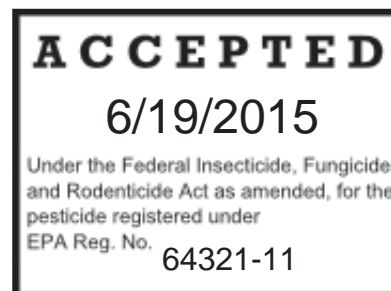
Total: 100.000%

¹Synthetic pyrethroid

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back/side/other panel(s) for additional Precautionary Statements & First Aid.

Net Contents _____



EPA Reg. No. 64321-11
June 19, 2015 – revised label

EPA Est. No. _____

First Aid	
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. 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 emergency information call (insert company emergency phone number) (the Poison Control Center at 800-222-1222).	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum or using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Environmental Hazards

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

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are foraging 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 residential use only.

RESTRICTIONS:

- **DO NOT** apply this product in any room being used as living, eating, sleeping, or recovery area by patients, the elderly, or infirm when they are in the room.
- **DO NOT** apply in conduits, motor housing, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.
- **DO NOT** contaminate any animal food, feed, or water in and around livestock, poultry, or pet housing when making applications.
- **DO NOT** allow applications to contact water inhabited by fish, such as in aquariums and ornamental fish ponds that are located in/around structures being treated.
- **DO NOT** apply this product to edible crops.
- Use of this pesticide adjacent to water may affect aquatic organisms. To protect these organisms, **DO NOT** apply this pesticide within 25 ft. of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.
- In the state of New York, **DO NOT** apply within 100 ft. of coastal marshes or streams that drain into coastal marshes.
- **Keep children and pets off treated areas and do not allow them to contact treated surfaces until spray has dried following application.**
- **DO NOT** apply more than 32 fl. oz. per 200 sq. ft. to outdoor ornamentals and lawns.

PERIMETER PEST CONTROL

Bio Kill EXTRA GT RTU is for use as a general surface (nonfood/nonfeed areas), crack and crevice, or spot treatment in, on, and around residential buildings and structures and their immediate surroundings, and vehicles. Areas of use include houses, apartment buildings, residential offices, hobby (non-commercial) greenhouses (non-commercial), closets, storage sheds, furnace rooms, garages, carports, cars, trucks, campers, non-commercial livestock/poultry housing, and pet kennels and bedding areas.

For indoor applications, **BIO KILL EXTRA GT RTU** can be applied at [4 weeks] [30-day][1 month] intervals if necessary. Applied as directed, BioKill Extra GT RTU provides **up to 8 weeks** control on non-porous surfaces of cockroaches, bedbugs, houseflies, black ants, fire ants and house spiders

SHAKE WELL BEFORE USE.

For Surface or Spot Applications: Hold sprayer nozzle approximately 12 inches from surface to be treated. Apply directly to insects when possible.

For Crack & Crevice Applications: Adjust sprayer nozzle to deliver a pin stream; place nozzle tip into cracks, crevices, holes and other small openings.

For Direct Application: Hold sprayer nozzle approximately 12 inches from and apply spray directly to visible insects.

Pest	SPECIFIC USE DIRECTIONS: Apply up to 32 fl. oz. per 200 sq. ft.
Black Ants Bedbugs (adult) Boxelder Bugs Carpet Beetles Centipedes Cigarette Beetles Clover Mites Cockroaches Confused Flour Beetles Crickets Earwigs Firebrats Fire Ants House Flies House Spiders Lesser Grain Borers Millipedes Mosquitoes Red Flour Beetles Rice Weevils Saw-toothed Grain Beetles Silverfish Sowbugs	<p>Black Ants, Fire Ants: Spray ant trails around doors and windows where ants may be found. Locate and treat nests. Where ants are trailing inside, apply as a residual surface treatment on non-porous surfaces to active areas such as baseboards, corners, around pipes, in and behind cabinets, behind and under refrigerators, sinks, furnaces and stoves, cracks and crevices.</p> <p>Bedbugs: Clean floors and surfaces by vacuuming. Spray crevices, baseboards, loose plaster, behind bed frames and headboards, beneath beds and furniture, and to bedsprings and bed frames. Do not apply to furniture surfaces or mattresses where people will be laying or sitting. Infested bedding should not be treated, but should be removed, placed in sealed plastic bags, and taken for laundering and drying at high temperatures.</p> <p>Cockroaches, Crickets, Earwigs, Firebrats, Silverfish and Spiders: Spray baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics, and eaves, cabinets, behind and under refrigerators, sinks, furnaces and stoves, the underside of shelves, and drawers. Pay particular attention to cracks and crevices; also see Outdoor Surfaces Use.</p> <p>House Flies: Apply directly to walls, ceilings, window screens, and resting areas as a residual surface treatment. May be used inside residential buildings as well as in and around carports, garages, and storage sheds; also see Outdoor Surfaces Use.</p> <p>Mosquitoes: Apply as a direct application spray to visible insects on walls, ceilings, window screens; also see Outdoor Surfaces Use.</p>

<p>Cockroaches Cluster Flies Crickets House Flies Litter Beetles (adults/immature stages such as Darkling, Hide, and Carrion) Palmetto Bugs Pillbugs Spider Mites (Two-spotted, Spruce)</p>	<p>Pantry Pests (Carpet Beetle, Cigarette beetle, Confused flour beetle, Lesser grain borer, Red flour beetle, Rice weevil, and Saw-toothed grain beetle): Spray cupboards, shelving, and storage areas. Remove all utensils, uncovered foodstuffs (or any having original package opened), and shelf paper before making application. Allow treated surfaces to dry and cover shelves with clean paper before replacing utensils, foodstuff, or other items. Any foodstuff accidentally contaminated with treatment solution should be destroyed.</p> <p>Boxelder Bugs, Centipedes, Millipedes, Pillbugs, and Sowbugs: Spray around doors and windows where these pests may be found or where they may enter premises. Treat baseboards and storage areas. Apply outdoor barrier treatments to prevent infestation as described below; also see Outdoor Surfaces Use.</p> <p>Cluster Flies: Apply in late Summer or early Fall before flies are observed alighting on surfaces. Thoroughly spray siding, under eaves, and around windows and doors paying particular attention to south-facing surfaces, but do not allow runoff to occur. Heavy precipitation prior to frost may require retreatments to maintain protection. In Winter and Spring when flies become active and are emerging, interior crack and crevices and void treatments can help reduce the infestation, along with surface application in infested attics or unoccupied lofts.</p> <p>Litter Beetles (Darkling, Hide, and Carrion Beetles) and Flies in Non-commercial Animal Housing: To control adult litter beetles, spray walls and floors at cleanout, before reintroduction of animals. This will suppress beetles that escaped earlier treatment and will help delay onset of future infestations. Pay attention to areas where beetles frequently occur, such as walls, supports, cages, stalls, and around feeders. To help control flies, apply spray horizontal surfaces and overhead areas and allow to dry before reintroduction of animals: also see Livestock/Poultry Housing Structures and Pet Kennels.</p>
<p>Termites</p>	<p>Bio Kill EXTRA GT RTU may be used on termites to kill workers or winged reproductive forms which may be present in treated channels at the time of treatment. These applications are not a substitute for mechanical alteration to control subterranean termites, soil treatment labeled termiticides, or fumigation for extensive infestation of drywood termites or other wood-infesting insects, but are considered supplemental. This product is not recommended as sole protection against termites. For active termite infestations, get a professional inspection.</p>

Non-commercial Livestock/Poultry Housing Structures and Pet Kennels

Apply as a general surface and/or crack and crevice treatment. Make interior and exterior perimeter applications in and around the livestock, poultry, and pet housing structures. Normal cleaning of the structure must also be done along with applications of **BIO KILL EXTRA GT RTU** to effectively control the crawling and flying insect pests listed in the table.

BIO KILL EXTRA GT RTU may be used in unoccupied areas of non-commercial livestock barns or housing structures. Spray floors, vertical, and overhead surfaces where crawling or flying insect pests are or may be present. Feeders, waterers, and feed carts should be covered before application to prevent contamination. Do not apply to milk rooms or feed rooms. Pay attention to animal areas including stanchions, pipes, windows, and doors, and areas where insect pests hide or congregate. Exterior applications to south facing walls and foundation perimeters can help prevent interior infestations or flying and crawling insect pests.

For non-commercial poultry houses, spray floor area (birds grown on litter), walls, posts, and cage framing (birds grown in cages). Application should also be made into cracks and crevices around insulation. Reapply after each growout or sanitization procedure. Maintaining a year-round treatment program will prevent background populations from reaching problem levels.

Outdoor Surfaces Use

To kill termites* (above ground only) [and control] and kill black ants, centipedes, cockroaches, crickets, fire ants, house flies, house spiders, millipedes, sowbugs, pillbugs and other similar perimeter arthropod pests.

Spray as a residual treatment around windows, doors, entrances, eaves and vents to reduce the potential for entry by crawling pests. Also spray ornamental plants next to foundations of buildings and to surfaces of buildings, porches, screens, window frames, eaves, patios, garages, and refuse dumps where these insect pests are active. Remove all exposed food and cooking utensils. Cover all food handling surfaces or wash thoroughly after treatment and before use. Do not use on edible crops.

*These applications are not a substitute for mechanical alteration to control subterranean termites, soil treatment labeled termiticides, or fumigation for extensive infestation of drywood termites or other wood-infesting insects, but are considered supplemental. This product is not recommended as sole protection against termites. For active termite infestations, get a professional inspection.

LAWNS & ORNAMENTALS

BIO KILL EXTRA GT RTU may be used for applications to maintain indoor or outdoor areas where ornamentals are grown such as residential lawns and landscaped areas (including shrubs, flowers, foliage plants, and groundcovers).

IMPORTANT: Time application to flowering plants during periods when pollinating insects are not present, such as early morning or late evening.

NOTE: While phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions, and no phytotoxicity has been observed, certain cultivars may be sensitive to the final spray solution. It is advised to prespray a selection of ornamental plants and observe them for 7 – 10 days prior to treating large areas if local use experience is unavailable.

Pest	Application Instructions: Apply up to 32 fl. oz. per 200 sq. ft.
Black Ants Armyworms Azalea caterpillars Aphids Bagworms Black vine weevils (adult) Boxelder bugs Budworms California oakworms Cankerworms Centipedes Cockroaches Crickets Cutworms Eastern tent caterpillars Elm leaf beetles European sawflies Fall webworms Flea beetles Forest tent caterpillars Grasshoppers Gypsy moth larvae Japanese beetles (adults) June beetles (adults) Lace bugs Leaf-feeding caterpillars Leafhoppers Leafminers (adults) Leaf rollers Leaf skeletonizers Midges Millipedes Mites Oleander moth larvae Pillbugs Pine sawflies Pine shoot beetles Pinetip moths Plant bugs Root weevils Sawflies Scale insects (crawlers) Sod webworms Sow bugs Spittlebugs Striped beetles Striped oakworms House Spiders Thrips Tip moths Tussock moth larvae	<p>Application should be started prior to the establishment of high insect pest populations.</p> <p>Apply at 4 to 8 weeks [1 to 2 months] intervals if retreatment is necessary.</p> <p>Scale: Thoroughly cover the plant with BIO KILL EXTRA GT RTU spray, including trunks, stems, twigs, and foliage for control of scale insects (crawler stage).</p> <p>Bagworm: Apply BIO KILL EXTRA GT RTU when bagworm larvae begin to hatch. Spray directly on the larvae. Application is the most effective when the larvae are young.</p> <p>Lawns: Delay watering lawns for 12-24 hours for control of surface feeding insects (armyworms, cutworms, fleas, etc). For thatch inhabiting insect control (chinch bugs, billbugs, etc.), lightly irrigate after application with up to ½ inch of water to move the BIOKILL EXTRA GT RTU into the thatch layer. For subsurface insects (mole crickets, grubs, etc.), apply to lawns wet with dew, rain or irrigation. Water-in immediately after application with ¼ - ½ inch of water.</p> <p>¹Not for use on mature adult mole crickets and chinch bugs in New York state.</p>
Bluegrass billbugs (adult) Black turfgrass atenioides (adult) Grubs (suppression) Hyperodes weevil (adult) Mole crickets (nymphs and young adults)	
Mole Crickets ¹ (mature adults) Chinch Bugs ¹	

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container, out of reach of children and pets.

Pesticide Disposal: *If partly filled* – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Container Handling: *If empty* -- Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.

To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning this use of this product other than indicated on the label. To the extent consistent with applicable law, buyer assumes all risk of use and/or handling of this product when such use and/or handling is contrary to label instructions.

Jesmond Holdings Ag
Chollerstrasse 35, CH 6301
Zug Switzerland

[Lot No. to be added at production]