

Technical Bulletin



Tobex® Multi MoA Concentrate

Tobex® Multi MoA Concentrate is an all-in-one insecticide with controlled release technology that is formulated with a synergist, insect growth regulator, knockdown agent and long-lasting insecticide for residual control. With Tobex, there is no need to tank mix multiple products.

Features and Benefits

- Kills flies, darkling beetles, mosquitoes and other listed insects
- Formulated with NyGuard® IGR to control immature and adult insects
- Synergized with piperonyl butoxide (PBO) to combat metabolic resistance and increase effectiveness

Product Specifications

Key Target Pest(s)	Ants, cockroaches, darkling beetles, flies, mosquitos and ticks
Signal Word	Caution
Form	Concentrate
Active Ingredient(s)	Lambda-cyhalothrin; Prallethrin; Pyriproxyfen; Piperonyl butoxide
Class of Chemistry	Pyrethroid (3A); Juvenile hormone receptor modulator (7C)
Activity	Knockdown, kills by contact, insect growth regulator, residual, synergist
Mode of Action	Sodium channel modulator; Disrupt and prevent metamorphosis; Interference with P-450 mediated detoxification system
Stability	If frozen, thaw and shake before use
Flammability	Not listed as flammable or combustible
Odor	Sweet
PPE Requirements	Long sleeved shirt and pants; shoes and socks; Chemical resistant gloves; respirator in enclosed spaces
Retreat Interval	14 days (only for outdoor broadcast application)
Mix or Dilute In	Water only
Shelf Life	3 years or more in ideal storage conditions



Scan the QR code or visit
mgk.com/tobex
to see resources and
additional information.

Use Sites

Indoor and Outdoor Areas

- Livestock housing
- Poultry housing
- Horse stables
- Feedlots
- Transportation equipment
- Food and non-food areas
- Turf and lawns*, landscaping, and trees

Packaging

- 1 quart bottle (6 per case)
- 2.5 gallon bottle (2 per case)
- 30 gallon drum
- 275 gallon tote

Animals cannot be present at the time of application

**Not for use on residential lawns and turf in residential settings*



Application Methods

- Outdoor broadcast
- Foliar sprays
- Structural perimeter treatments
- Surface sprays
- Spot, crack/crevice treatments

Recommended Equipment

- Handheld or backpack sprayers
- Backpack mist blowers
- Mist sprayers
- Power sprayers

USE IN AND AROUND LIVESTOCK AND POULTRY HOUSING

	Key Target Pests	Dilution Rate	Application Method
Listed crawling insects	Darkling beetles, cockroaches, spiders	2-4 fl. oz. per gallon or in sufficient water to cover 1,000 sq. ft.	General surface spray, crack and crevice, spot or banded treatments, injected into wall voids
Listed flying insects	House flies, phorid flies	1-2 fl. oz. per gallon or in sufficient water to cover 1,000 sq. ft.	General surface, spot

APPLICATION METHODS FOR DARKLING BEETLE CONTROL

Banded application	Apply diluted product to a 3-5 ft. wide swath of floor area, making sure to get under all water and/or feed lines. Also apply 3-5 ft. swath along inside perimeter of side and end walls, including surface of footings and 1-3 ft. up walls and support beams.
Whole house application	Apply to entire floor, with special attention to areas beneath feed and water lines as well as lower sections of walls up to 1-3 ft. on wood surfaces above the foundation.

MGK Sustainability in Action

- Container is HDPE and 100% recyclable
- Shipping cartons and paper labels are sourced from Sustainably Managed Forests
- Formulated in a production facility that uses 100% renewable energy
- Tip and measure bottle helps applicators use lowest effective quantity, thus reducing waste

Always read and follow all label instructions. For any medical or safety questions, concerns or incident reports, call 1.888.740.8712.

EPA Registration Number: 1021-2807

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