

Technical Bulletin



TROIKA® Farm and Livestock Aerosol

Troiika® Farm and Livestock Aerosol is a dual-active, synergized formula that kills insects on contact for immediate relief while also providing residual control. This water-based, ready-to-use aerosol offers a versatile solution against a broad spectrum of insects and can be applied as an area spray or directly on livestock.

Features and Benefits

- Provides a quick kill and residual control
- For use on beef cattle, dairy cattle, goats, sheep, hogs, horses, in animal quarters and milk rooms
- Kills over 25 insects including flies, lice, mosquitoes and ticks
- Synergized with piperonyl butoxide (PBO) to combat metabolic resistance and increase effectiveness

Product Specifications

Key Target Pest(s)	Flies (including face, horn, house and stable), fleas, lice, ticks and stinging insects
Signal Word	Caution
Form	Aerosol
Active Ingredient(s)	Pyrethrins; Piperonyl butoxide (PBO); Permethrin
Class of Chemistry	Pyrethrins/Pyrethroids (3A); Synergist
Activity	Kills by contact, residual
Mode of Action	Sodium channel modulator; Interference with P-450 mediated detoxification system
Stability	Avoid freezing, but if frozen, thaw and shake before use
Flammability	Not listed as flammable or combustible
Odor	Mild
PPE Requirements	Long pants, long sleeves, shoes and socks
Retreat Interval	None specified
Mix or Dilute In	Ready to use
Shelf Life	3 years or more in ideal storage conditions



Scan the QR code or visit
mgk.com/troiika-farm-and-livestock-aerosol
to see resources and
additional information.

Packaging

- 22 ounce aerosol can (12 per case)

Use Sites

Indoor and Outdoor Areas

- Residential homes
- Commercial buildings
- Non-food areas
- Patio and picnic areas

Livestock Areas

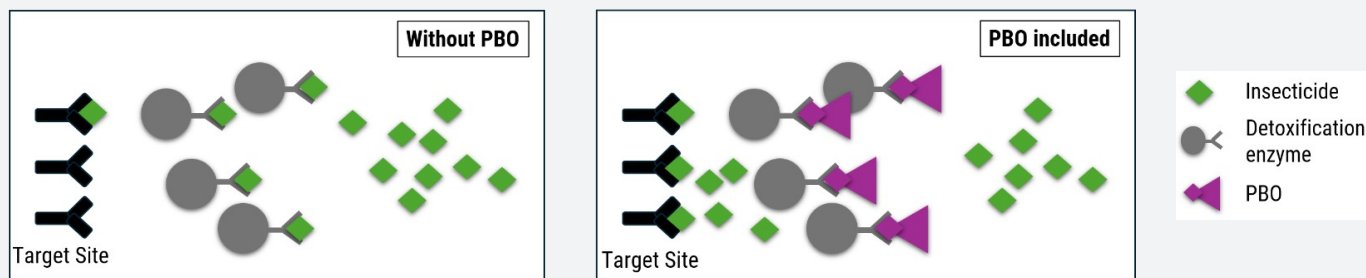
- Livestock housing
- Poultry housing
- On and over animal

Application Methods

- Spot treatment
- Crack and Crevice
- Space spray



Piperonyl Butoxide (PBO) Enhances Insecticide Efficacy



To have a lethal effect, the active ingredient in an insecticide needs to reach its target site within the insect. Resistant insects commonly have a heightened defense mechanism, cytochrome P450 enzymes, that attack insecticides. PBO binds to these detoxification enzymes, allowing the insecticide to reach its target site and work more effectively.

Tips and Tricks From the MGK Technical Department

- This water-based product is non-staining to most building surfaces and residential structures, including home siding and shingles. Test in an inconspicuous area and observe for potential staining.
- Each active ingredient plays an important role. Understanding how active ingredients work will help you get the desired results.
 - Pyrethrins provide quick kill and knockdown but have limited residual effect. Direct contact with the target pest and thorough coverage are key when applying Pyrethrins.
 - Permethrin will kill insects by contact and provide residual control, meaning that insects sufficiently exposed to a treated surface will die. Apply residual actives where pests are known to rest and travel.

MGK Sustainability in Action

- The aerosol can, cap and carton are 100% recyclable
- Shipping cartons are sourced from Sustainably Managed Forests
- The aerosol can and components are produced in a land-fill free manufacturing plant

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: 1021-2707

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