TECHNICAL BULLETIN



Troika® 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.

- Provides a quick kill and residual control up to 4 weeks
- 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 maximize 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

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/over animal

Application Methods

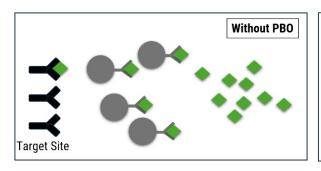
- Spot treatment
- Crack and Crevice
- Space spray

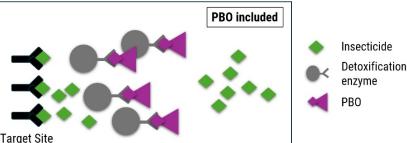






Piperonyl Butoxide Enhances Insecticide Efficacy





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

- MGK prioritizes advancement of sustainable packaging for our products
- 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



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

Always read and follow all label instructions.

For any medical or safety questions, concerns, or incident reports, call 1-888-740-8712.

