

IF IT FLIES, IT DIES

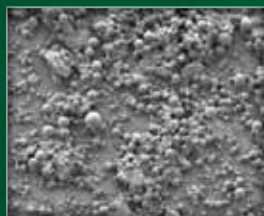


Control crawling and flying insects around animal facilities with **Grenade ER**.[®] It contains the most powerful insecticide available in a premise spray.

GRENADe ER HAS MICROENCAPSULATION TECHNOLOGY

- Active ingredient, lambda-cyhalothrin, encased in a polymer membrane
- Protects lambda-cyhalothrin from damaging environmental conditions
- Allows for optimum time release action and quick insect knockdown
- Reduces absorption into the treated surfaces
- Normal application rate is 10,000 microcapsules per square inch (lethal dose for a fly is one microcapsule)

Microencapsulated Lambda-cyhalothrin Molecules



Surface treated with Grenade ER magnified 500X



Microcapsule of Grenade ER clinging to a mosquito magnified 1,500X

GRENADe ER
PREMISE SPRAY

Ask your Merck Animal Health representative for more information or call **800-521-5767**

LONG LASTING

- Provides 3 months of premise protection
- Microencapsulation delays breakdown of active ingredient
- Effective on difficult-to-treat surfaces (vinyl, cement, other porous materials)

POTENT

- Contains lambda-cyhalothrin, the most powerful insecticide available in a premise spray
- Twice the bioactivity of other common insecticides

ECONOMICAL

- 8 oz bottle = 40 gallons of solution for treating up to 20,000 square feet
- Stays mixed, resists settling out

BROAD SPECTRUM

Controls 28 insects:

- | | | |
|----------------|--------------------------|-----------------------------|
| • flies | • darkling beetles | • red flour beetles |
| • crickets | • hide beetles | • saw-toothed grain beetles |
| • pillbugs | • carrier beetles | • wasps |
| • scorpions | • ants | • carpenter bugs |
| • spiders | • bees | • clover mites |
| • ticks | • confused flour beetles | • sawbugs |
| • mosquitoes | • fleas | • lesser grain borers |
| • spider mites | • litter beetles | |



THIS BOSS WORKS WEEKENDS

LOW VOLUME DOSE

- Potent formula - 5% permethrin and 5% piperonyl butoxide
- Minimizes labor & application time
- Dose rates
 - Cattle & Horses - 3 mL/100 lb body weight to a maximum of 30 mL (1 oz)
 - Goats and Sheep - 1.5 mL/50 lb body weight to a maximum of 18 mL

LONG LASTING

- Controls horn flies up to 8 weeks
- Controls lice for 2 months

Read label for full directions.

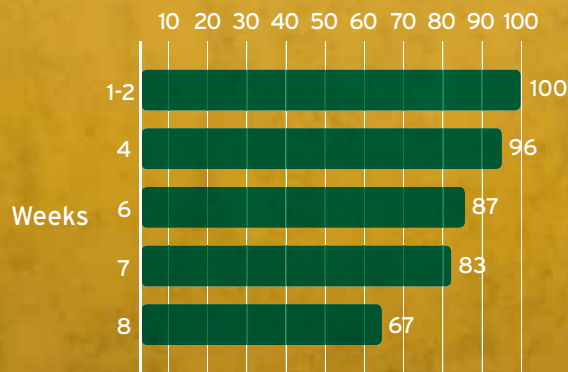
BROAD SPECTRUM

- | | | |
|---------------|----------------|---------|
| • Horn flies | • Stable flies | • Ticks |
| • Face flies | • Mosquitoes | • Lice |
| • Horse flies | • Black flies | |

NO MILK DISCARD

Low-volume Ultra Boss® packs a big punch against the flying insects and lice that cause the most damage to animals. Try it once and you'll never use any other insecticide.

PERCENT OF FLIES KILLED OVER EIGHT WEEKS¹



¹ Efficacy Comparison of Experimental and Commercially Available Insecticide Pour-on Products in the Control of *Haematobia irritans* Infesting Cattle in Texas. MVI Document No. P154-109-B, p. 17.

ULTRA BOSS® POUR-ON

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