



A HIGHER LEVEL OF CONTROL

# Pyronyl™ UL - 100 EC Insecticidal Spray

## BENEFITS

- Effective control of various livestock related insects
- Approved for use in poultry and dairy operations
- Emulsified concentration

## KEY FEATURES

- Emulsifiable concentration dilutable with water or light mineral oil
- Active ingredients: Pyrethrin and PBO

## ON ANIMAL USE

- Cattle
- Hogs
- Horses
- Poultry
- Sheep

## APPLICATION METHODS

- Space Spray
- ULV Application
- On Animal

## APPLICATION SITES

(See label for insects controlled by site)

- Barns
- Dairies
- Meat and Poultry Plants
- Milking Parlors
- Poultry Houses

## DILUTION RATES

See reverse side for dilution rates based on application

## VITAL FACTS

### ACTIVE INGREDIENTS

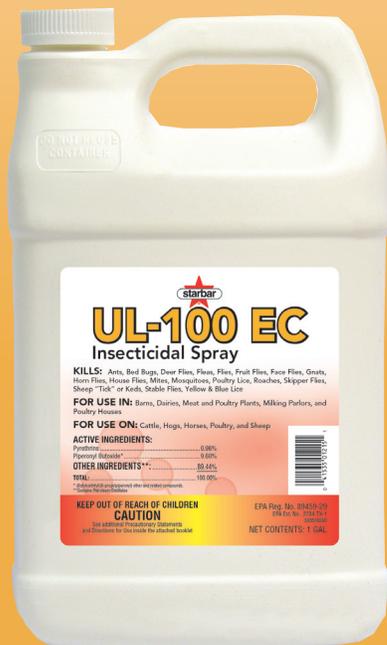
Pyrethrins (0.96%)  
Piperonyl Butoxide (9.60%)

### MODE OF ACTION

Pyrethrins: sodium channel disruptor  
PBO: Cytochrome Enzyme Blocker

### REGISTRATION NUMBER

EPA Reg. No. 89459-29



## TARGET INSECTS

- Ants
- Bed Bugs
- Deer Flies
- Fleas
- Flies
- Fruit Flies
- Face Flies
- Gnats
- Horn Flies
- House Flies
- Mites
- Mosquitoes
- Poultry Lice
- Roaches
- Skipper Flies
- Sheep "Tick" or Keds
- Stable Flies
- Yellow & Blue Lice

To learn more about Pyronyl™ UL -100 EC visit [starbarproducts.com](http://starbarproducts.com) or call 800-347-8272



**A HIGHER LEVEL OF CONTROL**

# Pyronyl™ UL - 100 EC Insecticidal Spray

## USE AS A SPACE SPRAY:

Dilute at a rate of 1 part concentrate to 19 parts water or oil. Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems.

To kill **FLIES, FRUIT FLIES, GNATS, MOSQUITOES, SKIPPER FLIES, WASPS, HORNETS, ANGOUMOIS GRAIN MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS, SMALL FLYING MOTHS, AND TOBACCO MOTHS:** Spray direct at an upward angle distributing it uniformly through the entire area at a rate 1 fluid ounce per 1,000 cubic feet of space. Keep area closed for at least 10 minutes. Sweep up and destroy dead and fallen insects.

**ULV APPLICATION:** To kill exposed or accessible stages of the insects named on this label, dilute 1 part concentrate to 1 to 9 parts water or oil. Apply using conventional mechanical or compressed air equipment (non-thermal) following directions for space spraying. Apply the above dilutions at a rate of from 1 to 10 fluid ounces per 1,000 cubic feet of space. When used in meat and poultry processing plants, a dilution of no less than 1 to 1 is acceptable, and it must be dispersed from equipment adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns).

In barns, milking parlors, milk rooms and dairies: To kill **FLIES, MOSQUITOES AND GNATS:** Dilute at the rate of 1 part of concentrate and 9 parts of water or oil and apply as a fog or fine mist, directing spray toward the ceiling and upper corners until the area is filled with mist using about 2 fluid ounces per 1,000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for ten to fifteen minutes.

## USE AS A LIVESTOCK SPRAY:

**FOR USE ON LIVESTOCK:** To kill **HORN FLIES, HOUSE FLIES, MOSQUITOES, AND GNATS:** Dilute 1 part concentrate and 39 parts water and apply to wet the hair thoroughly with particular attention to the topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or daily as needed when flies are emerging in large numbers.

To kill **STABLE FLIES, HORSE FLIES AND DEER FLIES:** Dilute 1 part concentrate and 9 parts water and apply one quart per adult animal to wet hair thoroughly with particular attention to the legs, flanks, barrel, topline and other body areas commonly attacked by these flies. Repeat treatment each week as needed.

To kill **FACE FLIES:** Dilute 1 part concentrate and 9 parts water. Use spray which produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1 ½ fluid ounces per animal.

To kill **MOTILE STAGES OF (BITING) YELLOW LICE AND (SUCKING) BLUE LICE** on cattle, horses, sheep, goats and hogs: Dilute this concentrate at a rate of 1 part in 100 parts of water. Spray to thoroughly wet hair of the animal including the head and brush of the tail. Repeat treatment in 10 days to kill newly hatched lice.

To kill **POULTRY LICE:** Using a dilution of 1 to 100 in water, dip birds by submerging in a barrel tank or tub of the solution holding the wings away from the body to insure thorough wetting of all infested areas. In order to avoid chilling the fowls, dip them on a warm day or in a warm building.

To kill **BED BUGS AND MITES** in poultry houses: Dilute 1 part of concentrate and 9 parts of water and spray crevices of roost poles, cracks in walls, cracks in nests where the bed bugs and mites hide.

To kill **SHEEP "TICK" OR KED:** Dilute at the rate of 1 part concentrate to 100 parts of water and thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal. To kill **FLEAS ON LIVESTOCK,** and to obtain protection against re-infestation: Dilute at a rate of 1 part concentrate and 9 parts water and wet the animal by dipping or spraying. To control **SPINOSE EAR TICKS:** Dilute at the rate of 1 part concentrate and 24 parts of water and apply by individual treatment, syringing or pouring 1 to 2 fluid ounces into each ear of large animals.

## DILUTION RATES BY APPLICATION AND INSECT:

	SPACE SPRAY	ULV APPLICATION	ON ANIMAL
<b>Hornets Fruit Flies Wasps</b>	1 part concentrate to 19 parts water or oil	Dilute 1 part concentrate to 1 to 9 parts water or oil	
<b>Bed Bugs and Mites</b>	1 part concentrate and 9 parts of water		
<b>Stable Flies Horse Flies Deer Flies Face Flies Fleas</b>			1 part concentrate and 9 parts of water
<b>Gnats Horn Flies House Flies Mosquitoes</b>			1 part concentrate and 39 parts of water
<b>Biting and Sucking Lice Poultry Lice Sheep "Tick" or Keds</b>			1 part concentrate in 100 parts of water
<b>Spinose Ear Ticks</b>			1 part concentrate to 24 parts of water

**To learn more about Pyronyl™ UL -100 EC visit [starbarproducts.com](http://starbarproducts.com) or call 800-347-8272**