

# PROVETHRINE 100

## VETERINARY MEDICINE

**Composition:**

100 mg cypermethrin (40:60)  
1 ml dissolving agent and  
emulsifier q.s.

**Activity:**

Cypermethrin is a compound of the family of pyrethroids class II (synthetic by-product of natural pyrethrins). It is a strong ectoparasiticide of low toxicity and high residual protection, whose specific activity depends on molecular stereo specificity in relation to insect enzymatic systems. Cypermethrin is slowly metabolised by insects. First, the insect is poisoned rapidly causing a motor incoordination due to chained nervous impulses on external sensitive nerves. Then, a lethal action occurs causing a paralysis of the insect due to an accumulation of cypermethrin in the nervous system.

**Indications:**

- Bovine and equine: flies (*Haematobia irritans*, *Musca Automnalis* and *Hydrotaea irritans*), ticks and mites, lice (*Lignonatus spp*, *Haematopinus spp*).
- Ovine and Caprine: flies, ticks and lice.
- Poultry: lice and fleas, mites (*Dermanyssus gallinae*).
- Dogs and small animals: fleas, ticks.

**Dosage and administration:**

Dilute into water and apply topically.

**Bovine and equine:**

- Flies control: spray at the beginning of flies station and repeat each month. In case of excessive flies on animal horn and face, spray every 15 days.
- Lice control: spray animal's entire body. Repeat treatment as often as necessary, at minimum interval of 14 days.

For flies and lice control administer 1 ml of *PROVETHRINE 100* per 100 ml of water, applying to:

- Adult bovine and equine : 500 ml
- Young bovine : 250 ml
- Calves and foals : 125 ml

**Poultry:**

Red mites: apply 1 litre of solution of 0.5 ml *PROVETHRINE 100*/ml of water every 50 fowls. Apply under the wings, body and tail of each animal ensuring a complete coverage. Apply as often as necessary with a minimum interval of 14 days.

**Ovine, caprine, dogs and small animals:**

0.5 - 0.75 ml/litre of water, per animal immersion during 30 seconds.

**Sheep/goats:**

Dilute 100 ml of *PROVETHRINE 100* with 100 litres of clean water and mix well. When dipping, submerge the animal for at least 30 seconds, ensuring skin saturation and submerge head at least once.

**Recommendation and warning:**

Use in ventilated areas. In case of rain during the first 24 hours of spraying, treatment should be repeated.

**Withdrawal time:**

Bovines and equines: Meat: 2 days  
Poultry: Meat: 14 days.

**Presentation:**

Bottle 1 litre

**Storage:**

Store closed at room temperature and protected from light.



**FOR VETERINARY USE ONLY**  
**KEEP OUT OF REACH OF CHILDREN**