

## **LEVORAL 75% W.S.P.**

### **Composition:**

Contains per g water soluble powder:

Levamisole (as hydrochloride)..... 750 mg

### **Description:**

Levamisole is an imidazothiazole anthelmintic and elicits spastic muscle paralysis in the parasite. Its antinematodal activity is effective against lung and gastro-intestinal nematodes.

### **Indications:**

Endoparasitic infections in cattle, sheep, swine and poultry, caused by parasites susceptible to levamisole.

Cattle and Sheep: *Haemonchus spp.*, *Trichostrongylus spp.*, *Ostertagia spp.*, *Cooperia spp.*, *Nematodirus spp.*, *Bunostomum spp.*, *Oesophagostomum spp.*, *Chabertia spp.*, and *Dictyocaulus spp.* (lungworm) spp..

Swine: *Metastrongylus elongatus* (lungworm) and the gastrointestinal nematodes *Ascaris suum* and larva migrans, *Hyoststrongylus rubidis*, *Strongyloides spp.*, *Oesophagostomum dentatum* and *Trichuris suis*.

Poultry: *Ascaridia spp.* and *Capillaria spp.*

### **Contraindications:**

Hypersensitivity to levamisole.

### **Dosage and administration:**

For oral administration in drinking water. The recommended doses are as followings:

Cattle and sheep: 1 g per 100 kg b.w. (7.5 mg Levamisole per kg b.w.);

Swine: 1 g per 100 kg b.w. (ca. 7.5-8 mg Levamisole per kg b.w.);

Poultry: 15-20 g per 100 litres drinking water (ca. 25 mg Levamisole per kg b.w.)

Medicated water should be used immediately.

### **Side effects:**

At recommended doses levamisole rarely causes side effects. At higher doses transient symptoms may appear, these include head shaking, salivation and slight muscle tremors. These are more likely to occur in cattle than sheep. Shock has been observed in animals with serious and heavy worm infections after repeated treatment.

### **Interactions:**

Do not combine with other drugs with a 'nicotine-like' action (e.g., pyrantel and morantel).

### **Precautions and warnings:**

The use of disposable gloves and facemasks during preparation is recommended.

Dose accurately to prevent development of resistance caused by underdosage.

**Withdrawal times:**

Meat and offal: 7 days;

Eggs: 3 days.

**Storage conditions:**

Store below 25°C. Do not freeze.

**Packing:**

100 sachets and 1 kg jar.