

## MASTIYET PLUS

### DESCRIPTION

**MASTIYET PLUS** is a synergistic association of polymyxin, thrimethoprim and spiramycin in oral and injectable solution.

### TECHNICAL PROPERTIES

The association of Polymyxin, Thrimethoprim and Spiramycin possesses a very wide action spectrum as Polymyxin is active with Gram negative bacteria, Spiramycin with Gram positive bacteria and Thrimethoprim with some Gram negative and some Gram positive bacteria.

Polymyxin B is a polypeptidic antibiotic primarily used for resistant gram negative infections. Polymyxins bind to the cell membrane and alters its structure making it more permeable. The resulting water uptake leads to cell death. Specially useful in the fight against *Salmonella*, *Pseudomona*, *E. coli*, *Shigella*, *Proteus*, *Pasteurella*, *Klebsiella*, *Bordetella* and *Enterobacter*.

Association of trimethoprim and polymyxin includes principally all the pathogen germs in livestock. Spiramycin, a well-established macrolide, has such a structure and is also active against most common respiratory tract pathogens. It has been proven to have good penetration into respiratory tract tissues and fluids.

### INDICATIONS AND SPECIES

Intended for pigs, sheep, goats and cattle in the treatment of :

- Diarrhoeas in young animals (oral administration).
- Mastitis.
- Pneumoenteritis.

### COMPOSITION

B polymyxin	250 000 I.U.
Spiramycin	150 mg
Trimethoprim	40 mg
Excipient to	1 ml

### DOSAGE

It is administered orally mixed with the drinking water at doses of 0.5 to 1 ml per litre. With intramuscular injection at doses of:

Young animals: 2 ml/ 10 k.l.w.

Adults: 1 ml/ 10 k.l.w.

The length of the treatment should be 4 to 5 days, but it can be modified depending on the veterinary criteria.

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### **INCOMPATIBILITIES**

Do not use with acidifiers nor with carbenicillin. It can increase the toxicity of cephalosporins.

### **CONTRAINDICATIONS**

Do not use in animals hypersensitive to the antibiotics present in the product. Do not administer to animals with renal insufficiency. It is recommended not to use in animals that are being treated for hypocalcaemia

### **PACKAGING**

100 and 250 ml glass vials; 1 and 5 litres plastic bottles.

### **WITHDRAWAL PERIOD**

Meat: 21 days.

Milk: 4 days.

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