

COMPOSITION :

Each 1 gm contains :

Oxytetracycline hydrochloride.....500 mg

**OXY 500 - 1KG****ANTIBIOTIC POWDER
FOR ORAL ADMINISTRATION****INDICATIONS:**

In Calves, lambs and chickens (broilers, breeding hens) Treatment and prevention at the group level of septicaemia, respiratory and gastrointestinal infections caused by bacteria sensitive to oxytetracycline, where the presence of disease in the group has been confirmed.

PHARMACOLOGICAL PROPERTIES:

Oxytetracycline belongs to the group of tetracyclines and acts bacteriostatic against many Gram-positive and Gram-negative bacteria like Bordetella, Bacillus, Corynebacterium, Pasteurella, Campylobacter, Staphylococcus, Haemophilus, E. coli, Salmonella and Streptococcus spp., and Mycoplasma, Rickettsia and Chlamydia spp. The mode of action of oxytetracycline is based on inhibition of bacterial protein synthesis.

Oxytetracycline is mainly excreted in urine and to a lesser degree in bile and in lactating animals in milk.

CONTRAINDICATIONS:

Do not use in case of hypersensitivity to oxytetracycline or any other substance from tetracyclines group. Do not use in cases of known oxytetracycline resistance.

INTERACTION WITH OTHER MEDICAL PRODUCT:

Divalent or trivalent cations (Mg, Fe, Al, Ca) may chelate with tetracyclines. The tetracyclines should not be administered with antacids, gels containing aluminium, preparations containing vitamins or minerals as insoluble complexes will be formed, which decreases the absorption of the antibiotic.

SPECIAL PRECAUTIONS FOR USE:

This powder should be dissolved in water, before use. Use of the product should be based on susceptibility testing of bacteria isolate from the animal. Extensive resistance to oxytetracycline has been recognised in porcine and poultry isolates of strains form E. Coli, Salmonella spp., Campylobacter spp., and Enterococcus spp. Sick animals may have a reduced appetite and an altered drinking pattern and should, if necessary, be medicated parenterally.

**DOSAGE AND ADMINISTRATION:**

To be administered orally. The uptake of medicated drinking water depends on the clinical and physiological conditions of the animals. In order to obtain the correct dosage, the concentration of oxytetracycline must be adjusted by calculating the required meandaily water consumption. ,

Dosing is presented as follow:

For Calves and Lambs: the recommended dose is Twice daily 1 gram of Oxytetracycline per 25-50 kg body weight for 3 - 5 days.

For Poultry: the recommended dose is 10 mg of Oxytetracycline per kilogram body weight daily for 3-5 consecutive days.

WITHDRAWAL PERIOD:

For meat: Calves and lambs : 8 days.

Poultry : 6 days. Egg: Do not Administration to poultry producing eggs for human consumption.

Keep it in original container below 25°C

USED FOR

Poultry, Calves and Lambs.