



Monensin Sodium 10%

# MONENTIN®

Coccidiostat/ Granulated Premix



### Each kg of product contains:

Monensin Sodium.....100 g  
Excipient q.s. to.....1000 g

**Target Species:** Poultry, Turkey, Lamb, Calf, Dairy Cattle

**Mode of action:** Monensin is a monovalent polyether coccidiostat of the ionophore group. It exerts an anticoccidial action against some of species of *Eimeria* and affects the trophozoites in the first stage of *schizogony*. Monensin is able to get connected with the formation of lipophilic complexes with monovalent ions (sodium and potassium). Also it increases sodium entry into the parasite and stimulation the sodium-potassium pump, and these acts lead to the accumulation of sodium ion, increased spasticity and absorption of water, and finally the sprozoites swelling and destructing parasite.

### Indications:

**MONENTIN®** is being used as an aid in the control and prevention of coccidiosis in Broiler chickens and pullets layer (up to 16 weeks of age), caused by *Eimeria tenella*, *E.acervulina*, *E.mivati*, *E.brunetti*, *E.maxima*, *E.necatrix*. It is also being used as an aid in the control and prevention of coccidiosis in turkeys (up to 16 weeks of age) caused by *E.adenoids*, *E.meleagrimitis* and *E.gallopavonis*. For stimulation of weight gain rate and improvement of feed conversion efficiency in ruminants with developed forestomachs (lambs and calves). For prevention of ketosis in dairy cows

**Warning:** The therapeutic margin for long-acting doses [LD50 chicks = 284 ± 47 mg/kg, orally] is very close to monensin. Therefore, it should be taken at the recommended levels.

**Contradictions:** Feed containing Monensin and intended for chickens must not be given to laying hens, turkeys (over 16 weeks) swimming fowls, guinea hens and some other species. **MONENTIN®** is dangerous for equidae.

### Dosage and mode of administration:

Orally, thoroughly mixed into feed.

SPECIES	Monensin Sodium (ppm) as pure substance	Monentin® (g/ton of feed)	Duration of treatment
Chickens for fattening	100 - 120	1000 - 1200	The entire rearing period up to 3 days before slaughtering.
Replacement pullet layers	100 - 120	1000 - 1200	Up to 16 weeks of age
Turkey	60 - 100	600 - 1000	Up to 16 weeks of age
Lambs and Calves fattened	10	100	The entire rearing period
Lambs and Calves fattened with concentrated feed and hay	10 - 20	100 - 200	During 1st fattening period (40-50) days and 2nd fattening period
Dairy Cattle	2.5 g of <b>Monentin®</b> per cow daily, divided into two equal parts administered in the morning and in the evening		

**Notice:** Duration and amount of use, should be administered by veterinarian. In order to reach uniform homogenization with feed, it is recommended to mix the measured quantity of the preparation (calculated on the basis of the prescribed dose) on stages in the following order up to 10 kg of feed; up to 100 kg feed; and up to 1000 kg feed.

**Interactions:** Monensin is incompatible with Tiamulin, Erythromycin, Oleandomycin, Sulphamezathine (sulphadimidine), sulphadimethoxine, sulphaquinoxaline.

**Side effects:** In case of over dosage, possible suppression of growth and intoxication (expressed in loss of appetite, tremor, paresis of limbs and death) could occur.

**Withdrawal Time:** 3 days before slaughtering.

**Precaution:** For veterinary use only. Keep out of reach of children. Wear overalls, impervious gloves, safety glasses and dust mask when handling or mixing the product. If **MONENTIN®** accidentally enters the eyes, wash eyes with plenty amount of water.

**Storage:** Keep in closed original pack, cool and dry place, below 25°C. Protect from direct sunlight.

**Shelf life:** 2 years from the date of manufacture.

**Packing:** 5 kg three- layers aluminum laminated foil.

