

DOZURIL® 25 mg/ml



Since the 1st of August 2012 Dopharma has a new generic product: Dozuril® 25 mg/ml. It contains the active ingredient toltrazuril and is an oral solution, which can be used for the treatment of coccidiosis in chickens (pullets and breeders). Distinctive characteristic of this product is the withdrawal time for meat and offal of 16 days.

Coccidiosis is the most harmful parasitic disorder in chickens and is caused by several *Eimeria* species. The disorder appears worldwide and the parasite is commonly present in intensively held poultry.

Different stadia of the parasite multiply rapidly and cause an enormous damage of the intestinal wall. Damage of the intestinal wall and leakage of plasma proteins to the lumen create an optimal environment for present viral and bacterial pathogens. Especially the positive interaction of several *Eimeria* species with the causative agent of Necrotic Enteritis, *Clostridium perfringens*, is of significant importance, clinically and economically.

Many poultry farmers use coccidiostatic containing feed and also vaccination against coccidiosis is possible. Because of this, clinical outbreaks occur less frequently; nevertheless total extermination of the parasite is not accomplished.

In case of subclinical coccidiosis even the slightest damage of the intestinal wall will negatively influence the production result due to growth retardation and poor feed conversion. Animals with subclinical coccidiosis rarely show obvious clinical signs; the diagnosis therefore depends on (routine) necropsies and microscopic evaluation of droppings for presence of oocytes. Clinical outbreaks are caused by intake of large quantities of oocysts or very pathogenic *Eimeria* species, like *E. tenella*; blood-stained droppings will appear in the barn and mortality rises quickly.

Toltrazuril is very effective against all intracellular stages of coccidiosis, but it doesn't effect the extracellular stages that trigger the immune system. The great advantage of this is that the immunity development remains intact.