



MINERABOOST

Regulates calcium and phosphorus metabolism



patented TECHNOLOGY

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Ensures proper quality of the eggshell
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Beneficial influence on skeleton structure
- 

Soothes skin inflammation

MINERABOOST

is a product supplementing the diet of animals with vitamin D3 and calcium, phosphorus, magnesium, which regulate the metabolism of minerals, supporting the processes of bone mineralization. For best results we recommend to combine with the preparation Calcimix.

INDICATIONS

MINERABOOST is designed to be administered to all species and commercial breeds of poultry:

- 1 during the most intensive growth of birds and the peak laying period,
- 2 In disorders of bone mineralization and eggshells,
- 3 in case of improper diet (decreased ratio of Ca: P).

APPLICATION

250-500 ml	1000 l drinking water	12 h a day	3-5 days
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COMPOSITION:

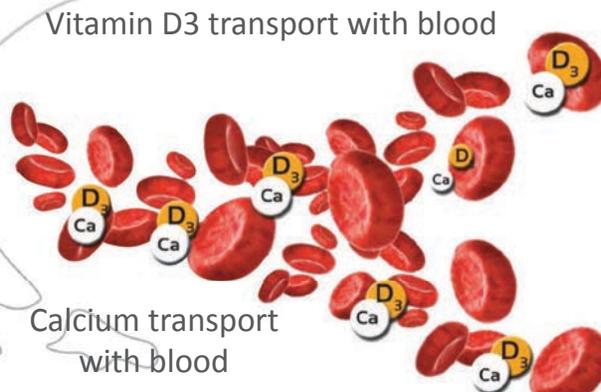
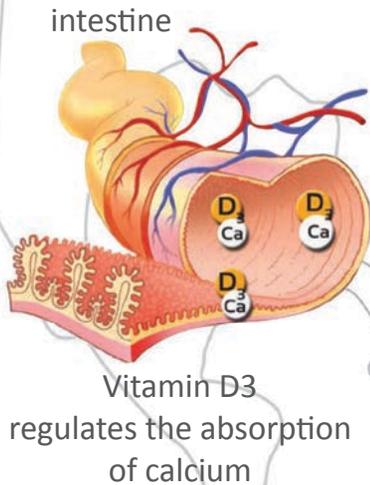
Magnesium chloride, calcium chloride, calcium gluconate, vitamin D3, curcuma longa extract, orthophosphoric acid, propylene glycol

MINERABOOST

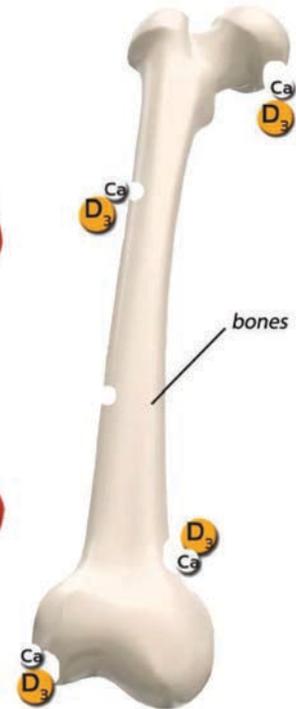
Regulates calcium and phosphorus metabolism



MODE OF ACTION



Vitamin D3 supports the processes of elongation and ossification involving calcium ions



Vitamin D3 is a crucial factor in bone metabolism. It is responsible for calcium-phosphate homeostasis and hence proper absorption of the elements in the intestines, skeleton mineralisation and in case of deficiency it activates the reserves of the vitamin in bones and kidney resorption. Vitamin D3 contributes to bone modelling and growth. Additionally, the vitamin is responsible for eggshell mineralisation. It stimulates other elements' absorption crucial for proper eggshell mineralisation.

Calcium is one of microelements and fundamental bone and eggshell structure component. Its metabolism is highly dependent on vitamin D3. Phosphorus also supports absorption of certain elements including calcium. Together with calcium it is an important bone component. Additionally, it is a component of a number of organic substances important for proper animal productivity. Magnesium improves the bone tissue density and supports calcium level in bones. It also prevents non-physiological deposition of calcium in soft tissues. Calcium deposition results in underdevelopment, low egg quality and increased trabeculae thickness.

Turmeric extract protects hepatocyte, supports secretion and activates vitamin D. It influences bile secretion and hence digestion.

Experiment

The aim of the experiment was to determine the efficacy of Mineraboost nutrition on turkeys. The experiment was performed on 25,760 turkeys BIG 6, divided into two groups held in two separate buildings.

In the control group of birds was 12,800 units, while in the test group was 12,960 birds receiving Mineraboost formulation at a dose of 500 ml/1000 l of water in 3-5 days.

Conclusions

The test group had smaller falls of birds (0,18%) than the control group (0,4%). At the age of 14 in the group that received Mineraboost birds weighed 402 g, which is about 22 grams more than in the control group (370 g). Femoral bones of birds from the test group were characterized by a less brittle (8 out of 40 surveyed units). In the control group 80% showed bone fragility at the time of indirection dereference femoral head from the acetabulum of the pelvic bone, which is a sign of softening of the bones (osteomalacia). Above results suggest a beneficial effect of administration of Mineraboost for skeletal structures of turkeys in the test group



FAMIBS

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