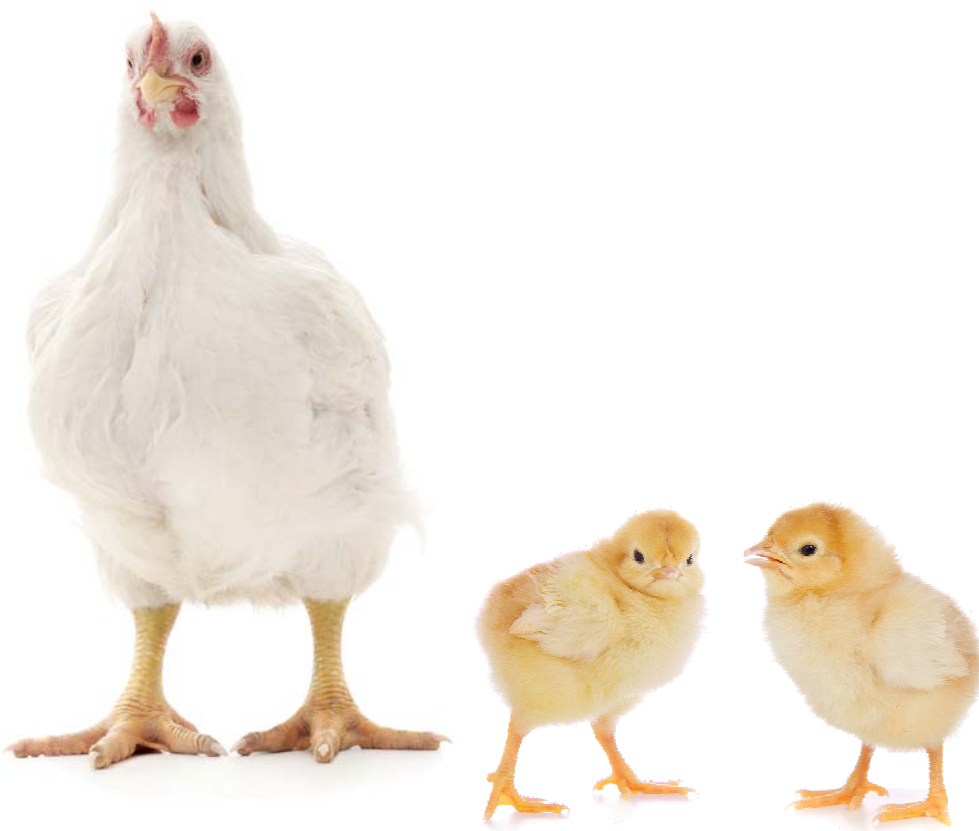




Herbonis

Panbonis[®]

The new and natural key element
in animal nutrition



Supports the essential function of vitamin D

100% natural and readily available to the body

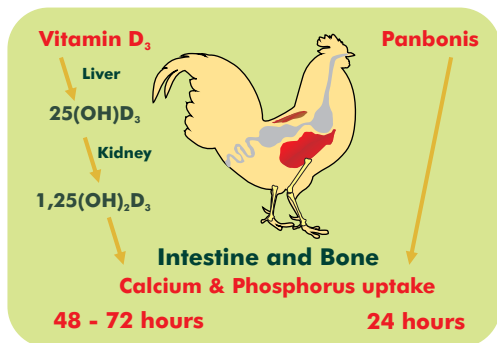
Increases calcium and phosphorus utilisation in feed

An economical and safe complementary feed

Herbonis – Synonym for healthy bones

Panbonis® your product for improvement and success

Panbonis® is a formulated, processed and standardized product containing the plant *solanum glaucophyllum*, which naturally contains 1,25-dihydroxycholecalciferol-glycosides. Following uptake Panbonis® releases the right amount of the active form during intestinal passage. This supports the intestinal uptake of calcium and phosphorus from feed into the body's circulation and can also be helpful under field conditions or when feed components are not optimal.



The unique herbal product Panbonis® acts fast. It delivers a dosed amount of the active form directly to the intestinal track without being activated by liver and kidney. Afterwards it is rapidly excreted without accumulation in tissue. Next to these benefits are some more economic advantages like saving up to 20% phosphorus addition in feed and increases growth performance and bone mineralization.



The product is a complementary feed according to EC 767/2009 regulation and available in two concentrations, Panbonis® 10 ppm and Panbonis® 20 ppm. It should be used on top of recommended vitamin D₃ from other sources.

Panbonis®



- supports vitamin D functions
- is a high quality plant material
- is safe for humans, animals and the environment
- allows reducing of phosphorus addition in feed ¹⁾
- increases growth performance and bone mineralization ²⁾
- has a broad tolerance
- has high processing and storage stability ³⁾

1) Yuwares Ruangpanit - 1, 25-CALCITRIOL-GLYCOSIDE (PANBONIS®) ENHANCES GROWTH PERFORMANCE, BONE MINERALIZATION AND IMMUNE STATUS OF BROILERS FED DIETS CONTAINING LOW AVAILABLE PHOSPHORUS / ESPN 2015, 24-27 August 2015, Prague, Czech Republic, P 062; 2) Bachmann H, Autzen S, Frey U, Wehr U, Rambeck W, McCormack H, Whitehead CC., Br Poult Sci. 2013;54(5):642-52., The efficacy of a standardised product from dried leaves of *Solanum glaucophyllum* as source of 1,25-dihydroxycholecalciferol for poultry; 3) Thermal stability for storage / processing up to 120°C;

Distributor meeting 2016: following feedback from our customers.

„improves the end weight on a given day“
 „reduced condemnations“
 „reduced losses in slaughter house due to broken bones“

It shows clearly that Panbonis® has a significant impact on your economic calculations.

„Herbonis endeavors to make a significant contribution to animal welfare with biologically active natural compounds“



Herbonis Animal Health GmbH
 Malzgasse 9
 CH-4001 Basel, Switzerland



Distributed worldwide by:
 Robert Aebi Feed Additive Technologies Sàrl
 1b chemin du Couchant
 CH-1272 Genolier, Switzerland
www.feed-additive-technologies.com

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