

Veyxol® B-Phos

Phosphorus-B₁₂-Solution
Mineral-Vitamin-Energy-Booster

- Needs-based P-supplementation of the daily ration
- High level of vitamin B₁₂
- Excellent bioavailability





Conception/Components essential for the nutritional purpose*

Liquid formulation (solution) with excellently bioavailable phosphorus sources such as dihydrogen phosphates, sodium phosphinate, phosphoric acid (1a338) as well as propylene glycol and vitamin B₁₂.

Product characteristics

VeyFo® Veyxol B-Phos has been formulated with excellent bio-availability of the organically bonded components meeting high quality standards. Production and filling are carried out in compliance with the particular purity criteria under clean-room conditions (germ-free). The product can be given directly to individual animals and to groups of animals via the feed or water.

The product has been formulated as a needs-based supplementation of the daily ration to provide essential minerals and micronutrients for the stabilisation of metabolic processes in a plurality of species. Its use is particularly recommended in phases of increased need, e.g. before and after parturition, during weaning, transport, change of housing, extreme weather fluctuations or feed change.

Nutritional physiological role

Information on the nutritional physiological role and biological functions of the individual nutrients/micronutrients has been extracted from the technical literature and (amongst others) from the AWT series "Vitamins and Amino Acids in Animal Nutrition".

Phosphorus is a skeletal building block, buffer substance in the blood and cell, essential component of nucleic acid and various lipoids and proteids, respectively. It is necessary for the production, storing and utilisation of energy and facilitates hormone function. Phosphorus deficiency leads to reduced feed intake, retarded growth, reduced milk yield and ultimately (energy metabolism disorders) also to reproductive disorders.

Rickets (inadequate mineralisation of the bones) and osteoporosis, brittle bones, respectively (high removal rates of Ca and P from the skeleton), can be caused by phosphorus as well as vitamin D₃ or Ca deficiency (pigs, poultry). Disorders of the acid-base balance (e.g. in case of acidosis) and parturient paresis can lead to low blood phosphate (< 5.0 mg inorganic P per 100 ml serum).

* Note: The information given is to be understood as a general survey and is subject to alterations, especially if these do not affect the intended nutritional purpose. The latest version of the labelling of the product/packaging is always valid.

In order to maintain a limited environmental impact through the excretion of excrement, a formulation is to be favoured in which its release into the body cells occurs with low levels of loss. This is achieved in a particularly reliable way with organic compounds.

Vitamin B₁₂ (cyanocobalamin) plays an important role in the formation of blood and growth. It serves for the formation of two coenzymes 5-desoxyadenylcobal-amine (important for the utilisation of propionic acid and thus for glucose and lactose formation in ruminants) and methylcobalamin (necessary for methylation reactions and thereby amongst others for methionine metabolism).

The consequences of a vitamin B₁₂ deficiency are changes in the red cell count, disorders of protein metabolism, diseases of the nervous system, skin infections, growth disorders and poorer feed efficiency.

Propylene glycol is to a small extent metabolised into propionate in the rumen of ruminants. The bigger part is absorbed directly in the rumen and supports gluconeogenesis via the pyruvate. A stabilisation of the intermediary metabolism through increased inulin release with oral application, a reduction of the plasma concentration of free fatty acids and beta-hydroxy-butyrate, in particular in the early lactation with intensive fat mobilisation as well as a reduction of the triglyceride contents in the liver and of the ketone body contents in the milk and urine are considered to be assured.

Recommendations for use/dosage:

Nutritional purpose:

Needs-based supplementation of the daily ration with essential minerals and micronutrients for the stabilisation of the metabolic digestion. This may be the case in phases of increased consumption, e.g. before and after parturition, during weaning, transport, change of housing, extreme weather fluctuations or feed change.

Dairy cows	10 - 50 ml
Breeding sows	5 - 15 ml
Horses and cattle	10 - 50 ml
Foals and calves	5 - 25 ml
Pigs, sheep and goats	3.5 - 15 ml
Dogs	0.5 - 5 ml
Cats, rabbits, small rodents	0.5 - 2.5 ml

Feeding via the drinking water: 0.2 - 1 ml/litre

Feeding via single-space wet-dry feeders (piglets): 0.5 - 1.5 ml/litre water

Feeding via the drinking water (poultry): 0.5 - 1 ml/litre water

It is recommended that a veterinary surgeon's opinion be sought before use.

High performance animals require optimised feeding regimes.

We want you to be successful and do our utmost to achieve this target. All constituents contained in VeyFo® Veyxol B-Phos are well known in animal nutrition. They are also used as nutritional supplements as well as for parenteral nutrition in humans. The quality and processing meet the highest purity criteria thus achieving a long shelf-life as well as a trouble-free application of the same.

Notes

Keep out of the reach and sight of children and protect from light.

The shelf-life of the original package sealed and stored at temperatures not exceeding 20 °C is 24 months from production date and for re-sealed packages after initial opening minimum 6 months.

In order to achieve a clear separation from our veterinary medicines and care products, all our feed specialities that are subject to the feedstuff law - as the present one - are exclusively marketed and labelled under the umbrella brand "VeyFo®". They are no medicinal products and need not to be entered into the stable treatment diary.

Package sizes

100 ml and 250 ml bottles

The information given in this catalogue sheet corresponds to the state of knowledge upon completion. Please read the label prior to using the product.

Veyx-Pharma is GMP-, QS- and VLOG-certified.

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