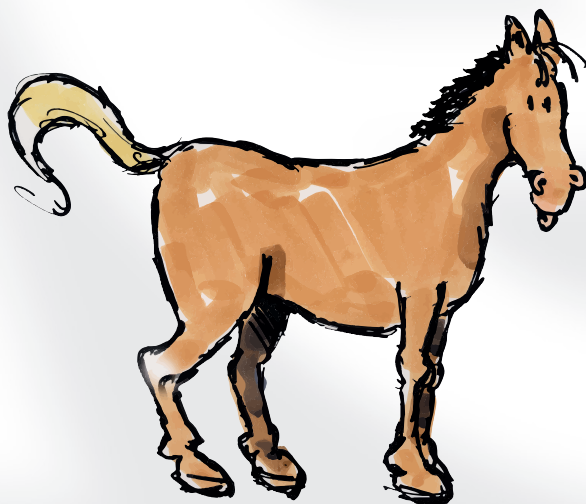


Pulmo-Mulgat Pulmo Herba-Lyt

Complementary feeds with a
particular nutritional purpose for
horses

- To support and soothe the respiratory tract



Conception/essential components for the nutritional purpose*



Formulated in the form of a microemulsion (particle size 90 % $\leq 5 \mu\text{m}$) with herbal oils from liquorice, echinacea, eucalyptus, mountain pine, peppermint, sage and lemon as well as dextrose, bee honey and propolis.



Cold pressed granular feed containing herbs such as marshmallow root, ribwort, thyme, wild garlic, watercress, primrose root, common mullein, coltsfoot leaves, peppermint, fennel, black cumin, maca, broccoli sprouts, purple coneflower, alfalfa as well as liquorice, eucalyptus, pine, propolis and vitamin C.

* The information given is to be understood as a general survey. The latest version of the labelling of the product is always valid.

Product features

VeyFo® Pulmo-Mulgat and VeyFo® Pulmo Herba-Lyt are complementary feeds for equines

- formulated with high quality and organically bound components that meet particular requirements on bioavailability and product safety
- with the particular nutritional purpose

"Nutritional restoration, convalescence"

as defined in the list of intended uses of animal feedingstuffs.

Functions

VeyFo® Pulmo-Mulgat

- provides of essential micronutrients in the form of a regimen for the physiological metabolic functions of the respiratory tract
- supports and most of all positively influences the essential convalescence/regeneration processes for the reduction of stress in particular before, during and after disorders of the respiratory tract
- is an essential part of a successful rehabilitation strategy.

VeyFo® Pulmo Herba-Lyt

- is beneficial to a healthy functioning of the respiratory system during stress situations (e.g. dusty feed),
- supports the immune system,
- helps to break down and remove mucus,
- soothes the respiratory tract.

Disorders of the respiratory tract in horses

Disorders of the respiratory tract often involve excessive mucus production in the bronchi, strong coughing and long medicinal treatments including, amongst others, antibiotic treatments. Thus the animals are subjected to excessive stress resulting in an insufficient feed intake and consequently weight loss. Except for the bacteriological contamination also other allergens, e.g. from hay dust, might be the cause. During such stressful phases the supplementation of the daily ration with natural herbal ingredients can help to reduce such excessive stress reactions and positively influence the feed intake of the animals and consequently their well-being.

Nutritional physiological role

The significance and biological functions of the substances contained in the product can be summarised as follows based on the available expert literature and practical experiences.

The multiple favourable influences – in addition to their sensory effects – of certain herbal oils and extracts are well known. On the basis of scientific knowledge it is possible nowadays to combine these in a way that their natural ingredients complement each other and thus positively affect the physiological body functions in many ways.

Natural active substances for untroubled respiration

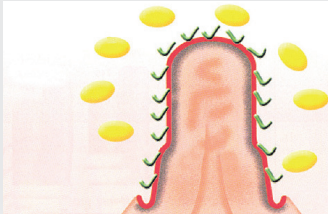
The natural herbal oils and herbal extracts contained in **VeyFo® Pulmo-Mulgat** serve to regulate the metabolic processes in the respiratory tract (e.g. through the breakdown of mucus) and in addition support the disease resistance function of the lungs. Through supplementing the feed rations with VeyFo® Pulmo-Mulgat the horse receives vital nutrients that are frequently absent these days from the commonly intensively maintained pastures.

VeyFo® Pulmo Herba-Lyt contains more than 77 % of dried herbs, among others fennel, thyme, wild garlic, watercress, peppermint and coltsfoot combined with liquorice, broccoli, maca, propolis, pine oil and more. The mucilage of the mullein soothes the respiratory tract, whereas propolis has an antibacterial effect. The product is particularly suited to support a medicinal treatment.

The herbal oils and extracts included in both products support the regeneration process in the lungs and thus reduce the duration of stress burden. Therefore the products should be given at first signs of a change in the respiratory frequency in consultation with your competent veterinarian.

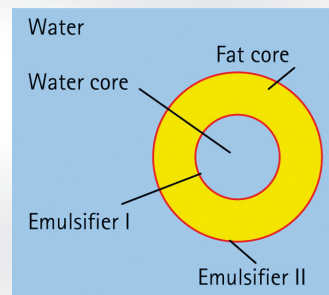
VeyFo® Pulmo-Mulgat: formulated as a microemulsion

VeyFo® Pulmo-Mulgat provides an efficient complementary feed for the respiratory tract.



The formulation of the multiple microemulsion is of outstanding importance in this connection. It ensures the undamaged passage of important nutrients and micronutrients into the small intestine and their perfect dispersal over the whole area of the gut mucosa.

Emulsification means the break-up of liquids (i.e. oils or water) and the active nutrients dissolved therein into tiny droplets possessing a minute diameter (1 – 3 μm). In order to ensure that these minute droplets with the fat-soluble nutrients are held inside and the water-soluble components stored around the droplet do not separate out once again a herbal emulsifier has to be added.



Thus emulsification means an extraordinary large increase in the effective surface area. Hence, for the efficacy of the emulsion it is highly important that

- it remains stable in the stomach until absorption occurs in the small intestines,
- it contains an emulsifier that can be metabolised and is absolutely harmless,
- no loss of nutrients and micronutrients occurs through the emulsification and the concomitantly high absorption capabilities of the components,
- absorption also remains assured during fat metabolism disorders,
- above all, that those substances that tend to accumulate in the liver will not exert additional stress.

VeyFo® Pulmo Herba-Lyt: a gently granulated feed

VeyFo® Pulmo Herba-Lyt is being granulated in a special cold press process below 40 °C. Both the gentle processing and the special vacuum packaging ensure full effectiveness of the active ingredients and essential oils contained in the herbs.

Factors influencing the stability of the vitamins			
Vitamin	Temperature	Oxygen	Humidity
C	++	++	++
D ₃	+	++	+
E	0	+	0
K ₃	+	+	++

++ = strong influence

+ = average influence

0 = no influence

The cold press process has a direct impact on the factor temperature, whereas the vacuum packaging regulates oxygen and humidity of the granules.

The excellent blend of herbs, alongside with the particular structure, ensures that the food is readily accepted by the horses and positively influences resorption in the gastrointestinal tract.

When properly handled, the vacuum packaging ensures minimum loss of the essential oils as well as a long shelf-life of the product.

Vitality and performance capability

VeyFo® Pulmo–Mulgat is a pure natural product without substances damaging to the animal. Thus it can be fed over long periods.

Through a careful manufacturing process the essential oils and extracts present in the product are not compromised and are available to the organism.

- The well-balanced composition of the product enriches the daily provision of restorative nutrients in the food ration.
- The product is an essential part of a successful rehabilitation strategy.

VeyFo® Pulmo Herba–Lyt is a highly concentrated aromatic complementary feed in the form of granules to support the upper and lower respiratory tracts in horses.

- The extremely gentle manufacturing in a cold press granulation process guarantees excellent availability of the essential oils and ingredients.
- Owing to the formulation with dried granules, no soaking of the food occurs.
- Due to the high dosage, only a small amount of feed is necessary.

Recommendations for use and dosage

VeyFo® Pulmo-Mulgat

VeyFo® Pulmo-Mulgat can be easily and precisely dosed using the measuring device provided. A dosing pump can be provided upon request. The undiluted product can be given directly into the mouth or with the concentrated feed. However, the product can also be diluted in water (2 ml per litre) and be sprinkled over the hay using a watering can. Wetting the hay has the positive side effect of reducing dust and consequently also reducing the breathing in of allergens.

The feeding of 15 ml in horses weighing less than 500 kg BW and 20 ml in horses of more than 500 kg BW should be carried out once or twice daily, possibly according to the following plan:

Day 1 to 6	2 x 15 ml/< 500 kg BW 2 x 20 ml/> 500 kg BW
Day 7 to 10	1 x 15 ml/< 500 kg BW 1 x 20 ml/> 500 kg BW

VeyFo® Pulmo Herba-Lyt

Pulmo Herba-Lyt is a finely selected blend of herbs to support the convalescence processes and to restore the physiological functions of the respiratory tract. The product is gently granulated at temperatures of <40 °C by using state-of-the-art techniques. This method together with the vacuum packaging ensures stability of the delicate ingredients.

It is advisable to add approx. 60 g (1 well-heaped measuring cup) per animal and day to the regular trough feeding. Feeding should be carried until recovery.

High performance animals require optimised feeding regimes.

We want you to be successful and do our utmost to achieve this target.

Package sizes

VeyFo® Pulmo-Mulgat

500 ml bottle with dosing device

VeyFo® Pulmo Herba-Lyt

600 g bucket vacuum-packed, with dosing device

Notes

Store out of the reach and sight of children.

Shelf-life: Original packages not stored above 20 °C 36 months from manufacturing date. Re-sealed packages after initial opening 6 months at minimum. See label for storage instructions.

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 products – 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.

Attention:

No need to be entered into the equine passport.

Contains substances that are not compliant with EADCMR, thus unintentional doping might be possible.

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

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

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