



HUMIC SUBSTANCE BASED ORGANIC FEED SUPPLEMENTS

HuminFeed®

Water soluble granulated Sodium Salt of Humic Acid
ANIMAL FEED SUPPLEMENT



DESCRIPTION

HuminFeed® is a concentrated and water-soluble feed-grade sodium humate in crystalline granulated form. It can be fed to livestock (swine, poultry and cattle) or used as a drinking water additive to stimulate the immune system. The intestinal flora is stabilised through the fixation of toxins and harmful substances in the animal feed and through the formation of a protective film on the surface of the gastrointestinal mucous membrane. The animal's appetite is also increased and with it the feed intake. Huminfeed improves feed conversion and ultimately promotes weight gain.

ORIGIN

HuminFeed® is obtained through the alkaline extraction of highly oxidised German lignite sources (leonardite) that originate from the decomposition of organic matter. Leonardite originates from the chemical and biological humification of plant matter combined with the high biological activity of micro-organisms.

BENEFITS

Sodium humate is the sodium salt of humic acid obtained through the alkaline extraction of highly oxidised lignite (leonardite). It can be easily handled and transported. It has been explored in veterinary science and applied in livestock breeding for more than 30 years.

Sodium humate is classified as non-toxic when orally applied to warm-blooded animals. There are no evident side effects, and there are no known allergies or resistance in the case of regular oral application. Because of its basic chemical structure, sodium humate is neither teratogenic nor mutagenic. It also does not have any carcinogenic or embryotoxic properties. As there is not a high resorption rate in the gastrointestinal tract, no waiting times need to be observed after oral application. In long-term tests (120 days) with a prophylactic application of different doses of HuminFeed® for calves and cattle, body mass increased between 4% and 10% compared with the control groups.

- Improves the feed conversion and promotes weight gain, reducing production costs.
- Can be used as an alternative to antibiotic growth promoters.

Results of its applications for different species:

Pigs:

- Reduces the risk of diarrhea at weaning and in the pre-fattening stage caused by feed change and re-grouping.
- Improves feed conversion, thus leading to a better weight gain
- Reduces ammonia emission and smell
- Can improve the milk yield and the reproduction of sows



Poultry:

- Reduces the sensitivity of broilers and turkeys to stress
- Improves immunity, thus promoting growth
- Improves feed conversion
- Reduces ammonia emission and smell



Cattle:

- In calves, reduces the risk of diarrhea in the first month and improves vitality
- In dairy cows, reduces the risk of mastitis and high somatic cell counts.
- Improves feed conversion
- Reduces ammonia emission and smell



Aquaculture:

- Increases survival rate of offspring through prophylactic treatment of eggs and larvae
- Reduces the stress caused by medical treatments
- Suppresses secondary infections
- Detoxicates harmful heavy metals and mycotoxins



DIRECTIONS FOR USE

For all livestock species, mix in with feed or drinking water. In the case of calves, mix it with the milk or milk replacer for the first 30 days after birth. It can be used in automatic milk replacer feeders

Feed: 2-3 kg per ton of feed

Drinking water: 1-2 kg per 1000 liters of drinking water

Milk or milk replacer: 10 g per calf per day

Body weight: 50-70 mg per kg of body weight and day



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