



Product Data Sheet

BeddingFX[®]

Mineral solution for nitrogen emission reduction & bedding renewal

BeddingFX[®] is a very soft, easy to process, highly absorbent hygiene powder, used to promote a dry, hygienic, and comfortable berth. BeddingFX combines several FX minerals characteristics into one product, including their hygiene and manure & soil improving capabilities.

BeddingFX has been specially developed to mix into different types of bedding materials such as straw, flax, sawdust, and other deep litter products. Due to the unique composition of modified (clay) minerals, the consumption is much lower than lime-based products.

With an unparalleled high absorbency, BeddingFX can bind large amounts of moisture and ammonia. As a result, the barn climate improves significantly and loss of valuable nutrients, mainly nitrogen, from manure is prevented.

Physical properties

Bulk density ≈ 800 kg/m³

Colour Grey

Form Powder

Scent Odourless

PH 9,5

Composition Based on specially modified clay minerals

CEC ≈ 1150 Meq/kg

Packaging 1000 kg Big Bag

Stable hygiene ★★★★★

Manure improvement ★★★★★

Soil improvement ★★★★★

As far as we can judge, the above information is correct. However, we cannot give you any guarantees about the results you will achieve with this. This description is offered to you on the condition that you decide for yourself to what extent it is suitable for your purposes.

Berth & Stable Climate

BeddingFX is very advantageous when used to improve berth and stable climates:

- Unlike lime-based products, BeddingFX has an unparalleled high moisture absorption capacity, creating a dry and comfortable berth with a positive effect on the health of the animals. The water absorption capacity of BeddingFX results in a significantly lower consumption compared to lime-based products. The material effectively binds with straw, creating a homogeneous and efficient mixture, with a strong inhibitory effect on the development of fungi and bacteria.
- BeddingFX is based on specially modified (clay) minerals and, unlike products based on lime, it's also able to absorb large amounts of ammonia. Volatilization of nitrogen is prevented. This has a positive effect on the barn climate and the immediate surroundings. The result is a fresher barn air and less stench when spreading and the processing manure.
- BeddingFX contains no lime and does not cause weaning and claws to shred. The mix of (clay) minerals has a strong caring effect on the skin, teats and claws, this has a positive effect on the health of the animal.

Manure Quality & Soil

BeddingFX has several advantages in terms of manure quality & soil:

- BeddingFX has a very strong absorbency of nitrogen (ammonia).
- BeddingFX has unique binding properties that limit phase separation in manure and prevent cake formation. The formation of foam is also reduced, resulting in less storage capacity being lost.
- BeddingFX contributes to a more efficient manure separation (e.g. to make box litter) with a positive effect on energy use.
- With a CEC of ≈ 1150 Meq/kg and high moisture binding capacity, BeddingFX promotes the balance of the soil and prevents nutrient leaching, resulting in a better and more balanced plant growth, with better resistance to diseases and pests. The nitrogen bound in manure can be put to good use. BeddingFX contains useful (trace) elements such as Selenium and Silicon.

Application

It is recommended to mix 1-part straw (or other deep litter product) with 1-part BeddingFX & 0.7-part water. This promotes an even fresher barn environment. BeddingFX can also be used directly at the manure cellar or in combination with SlurryFX to improve the processing of slurry and nutrient retention. BeddingFX can also be used in combination with other deep litter products – please ask your advisor for the appropriate ratio.

BeddingFX is developed and produced by Cebo Holland. The product has been extensively tested at multiple locations. Cebo Holland has more than 40 years of experience in processing industrial (clay) minerals, including t.b.v. animal feed.

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