

Fylax® Forte HC

Compensates moisture loss and maximises feed mill efficiency



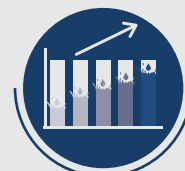
MOISTURE LOSS

During the feed production process, on average 1% of moisture content is lost due to shrinkage



ECONOMIC IMPACT

Moisture loss negatively impacts both the profitability and the productivity of the feed mill



FYLAX FORTE HC

Compensates moisture levels in feed, reduces the risk of moulds and maximises feed mill efficiency

SUMMARY

NAME: Fylax® Forte HC

BENEFITS:

- Compensates for moisture loss and extends shelf life of feed
- Helps meet product specifications
- Maximises feed mill efficiency

USE FOR: Pelleted feed

PROGRAMME: Feed Safety

MOISTURE CONTENT CAN AFFECT FEED SAFETY AND FEED MILL EFFICIENCY



During the grinding and cooling process of feed production, between 0.5% and 1.5% of moisture content is lost due to shrinkage

Adding water to compensate for moisture loss increases the risk of mould, compromising the shelf life of the feed

Increasing the feed throughput per hour in the pelletiser will economically optimise the daily feed mill efficiency

BUSINESS CHALLENGE

Do not let moisture loss harm your production and profitability



Raw material costs can account for up to **80% of total feed production costs**. Therefore volume loss or nutritional loss means a loss in profitability.



An average **loss of 1%** in moisture content represents a loss of **10 kg per 1000 kg** of feed produced.



A large variation in the moisture content of raw materials over a period of time negatively **impacts the production process**, mainly at the inlet of the conditioner.

SAFELY IMPROVING MOISTURE PROFILE: Trouw Nutrition's integrated strategy

Fylax® Forte HC is part of the Feed Safety Programme, which provides a complete solution to challenges related to microbial risk management and process moisture management.

Combatting moisture loss while maintaining shelf life

Key benefits:

Fylax Forte HC compensates moisture loss during processing and improves feed mill efficiency while reducing the risk of moulds

How it works:

Fylax Forte HC is a synergetic blend of organic acids and surfactants. Its production technology creates activated propionates held on micelles.

- The activated propionates technology increases the porosity of moulds' outer layers effectively eliminating moulds
- The surfactant ingredient in Fylax Forte HC lowers the surface tension of water, ensuring an optimal distribution of the hydrating solution throughout the complete batch of mixed ingredients

Proven results

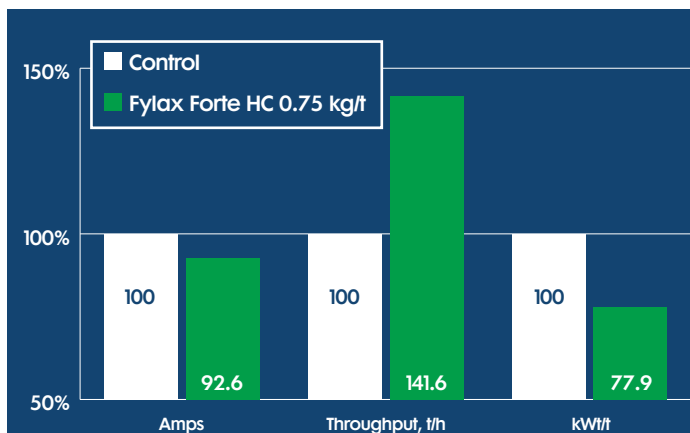


Figure 1. Relative effect of Fylax® Forte HC in a 10% hydrating solution on pelletiser specs (based on 8 commercial trials)

Further results from trials can be shared upon request.

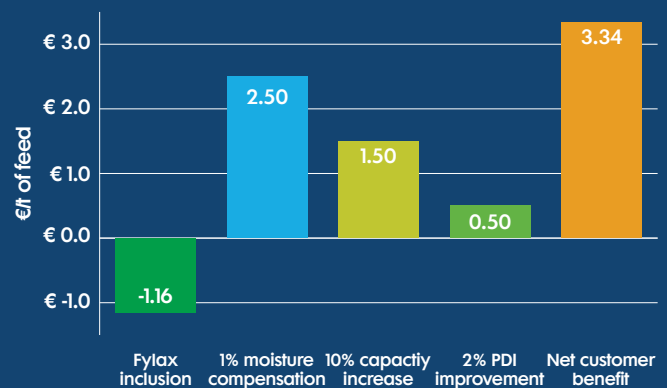


Figure 2. Feed Safety Customer Value - process moisture management in numbers

Recommended use

Fylax Forte HC needs to be mixed with water. This hydrating solution can be sprayed in the mixer using nozzles.

Recommended inclusion rate

Contact Trouw Nutrition to discuss inclusion rate and your dosing equipment requirements.

Fylax Forte HC

0.75 – 2.0 kg/t feed

Total hydrating solution in feed: water + Fylax Forte HC

10 – 20 kg/t feed

* Do not add more than 2% moisture per tonne of feed.

GET ALL THE DETAILS
Contact your local representative

Ask your Trouw Nutrition representative how the **Fylax Forte HC portfolio and dosing equipment** can contribute to improve your specific process moisture management parameters.

Disclaimer: The information in this document is believed to be correct as of the date issued. Given the variety of factors that can affect the use of a Selko product, the user is responsible for determining whether the Selko product and dosage is fit for a particular purpose and suitable for user's method of use. Selko B.V. or any of its affiliates makes no warranties, including but not limited to warranty of merchantability or fitness for a particular purpose. Product labelling and associated claims may differ based on government requirements. All quotations, orders, confirmations and transactions are subject to our General Conditions of Sale (www.nutreco.com). The applicability of any other terms and conditions is explicitly rejected.
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