

Fylax[®] Petfood

Optimise moisture content of pet food and prevent mould growth throughout shelf-life

Why Fylax[®] Petfood:



Prevent mould growth:
with ActiProp[®] technology



Optimise processing:
through effective moisture management



Extend mould-free shelf-life:
maintain tastiness and overall pet food quality

Business challenge:

Optimise production process while safeguarding mould-free shelf-life

One of the most important quality indicators for pet food are stability and freshness of the product during storage. Maximising quality targets including tastiness, production efficiency, and nutritional value, while keeping the product safe from moulds, can be challenging. Careful extrusion processing helps to achieve those targets but many times at the cost of extrusion efficiency and profitability. Optimising the moisture profile while keeping mould growth under control helps to maximise quality and process targets.

Effective mould control and moisture optimisation to extend shelf-life: Trouw Nutrition's integrated strategy.

Trouw Nutrition offers a combination of products and services, providing a complete solution to challenges related to mould growth and process moisture management.

Maximise quality and process targets without the risk of mould growth with Fylax Petfood

Key benefits

Fylax Petfood supports moisture profile optimisation while reducing the risk of mould growth.

How it works

- Fylax Petfood is a synergistic blend of organic acids, surfactants, and phytochemicals. It contains ActiProp® technology to effectively reduce mould growth and helps to maintain the quality and freshness of pet food (figure 1).
- Fylax Petfood lowers the surface tension of water, thereby facilitating moisture penetration within the feed particles. This can lead to more optimal moisture levels and helps to achieve quality targets (figure 2).
- The organic acids in Fylax Petfood are partly buffered, making them less susceptible to evaporation. As a result, the long-lasting efficacy may reduce the chance of recontamination of extruded feed.

Recommended use

Fylax Petfood can be applied in pure form. Contact your Selko product specialist for detailed advice based on your conditions.

Recommended inclusion rate

Final pet food:

1 – 3 kg / mton complete feed

Proven results

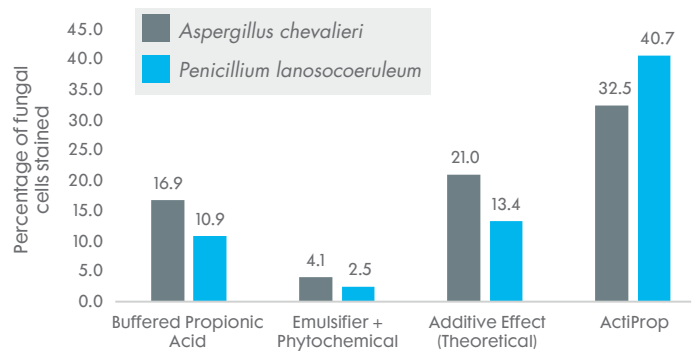


Figure 1. ActiProp technology in Fylax Petfood shows a synergistic effect on mould inhibition.

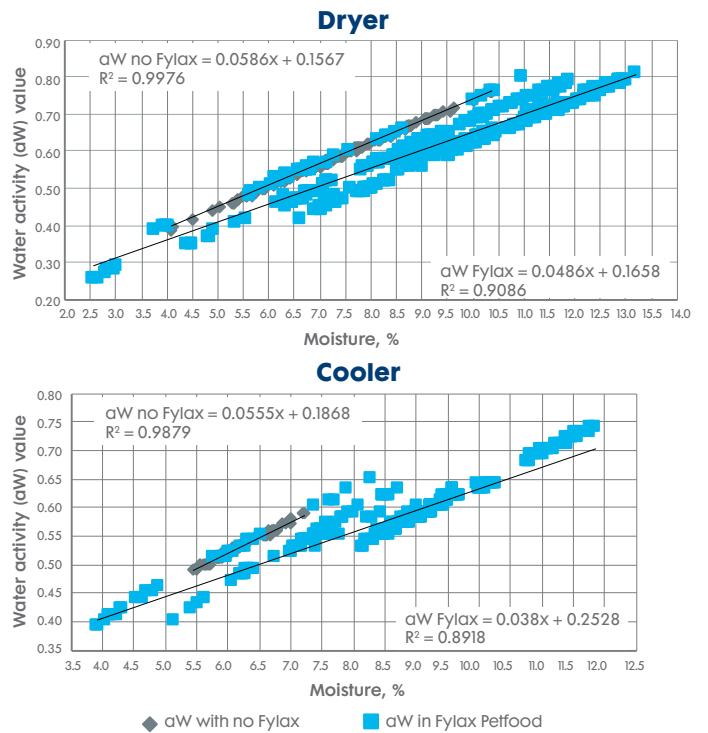


Figure 2. Evaluation of Fylax Petfood liquid in the dryer and cooler of a petfood plant in Latin America.

Summary

Product name: Fylax® Petfood

Benefits:

- Helps maximise quality targets while maintaining product safety
- Extends shelf-life and freshness by controlling moulds
- Supports production process optimisation

Use in: Extruded pet food and snacks

Programme: Feed Processing & Quality

Learn more visit [Selko.com](https://www.selko.com)

Ask your Trouw Nutrition representative how Fylax Petfood can prolong shelf-life and freshness of pet food by preventing mould growth.

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