

ProSid™ Pellet Pro

A perfect homogenous dispersion

Balance your feed moisture content without the risk of molds or bacteria

- Optimize feed pellet quality
- No more dry pellets that fall apart
- No more overly wet pellets that reduce production capacity
- Longer lasting mold inhibiting effect than other products

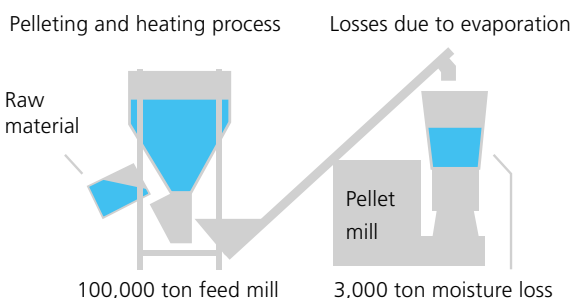
A perfect homogenous dispersion

Standardize the moisture content of your pellets

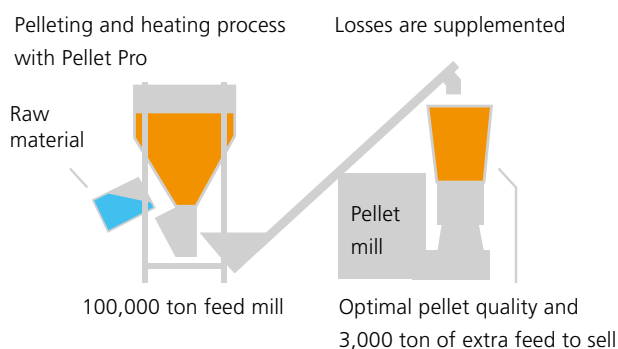
During the production process of compound feed, moisture loss can be a major issue. Moisture loss can increase more than 3%. This has a negative effect on pellet quality and is a major expense.

For example: at a feed mill that produces 100,000 ton p/y, a 1% reduction of moisture loss can save up to € 300.000,- per year.

Standard process



Process with ProSid™ Pellet Pro



A balanced moisture content for optimal feed quality

Pellets that are too dry fall apart and pellets that contain too much moisture tend to take odd shapes, both of which mean a loss of production capacity.

The ideal situation: moisture that at mixing level is bound to feed components for a good moisture balance combined with strong mold inhibitor to prevent mold growth.

The solution: ProSid™ Pellet Pro

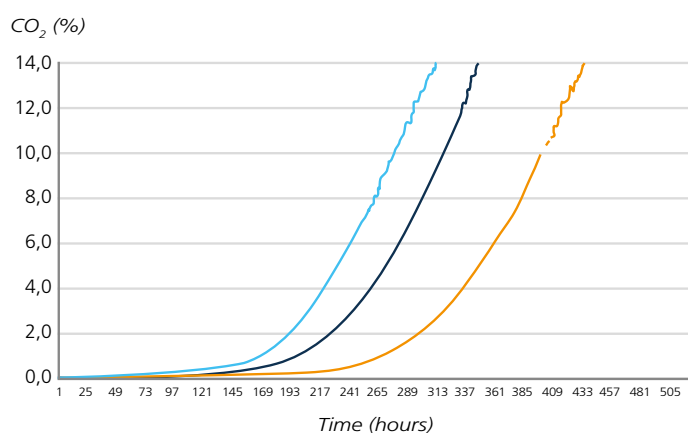
A mold inhibitor and surfactant using the power of esterified propionic acid.

- a balanced feed moisture content without the risks of molds or bacteria
- optimize the moisture content of your feed
- increased feed pellet quality

Better results thanks to the esterifying technology

- secure quality of your product – equal pellets thanks to homogenous spread
- serves as a surfactant – lowers the surface tension of water
- a longer lasting mold inhibiting effect than other products
- shighly concentrated, non-ADR solution

Stay mold-free for longer



Mold growth over time under optimized test conditions. The graph shows mold growth measured by CO₂ production over time. Addition of ProSid™ Pellet Pro greatly prolongs the time before mold formation starts compared to untreated and ammonia buffered organic acid based mold inhibitor.

A UNIQUE MOLD INHIBITOR AND FEED MOISTURIZER

Effect on the water surface tension

ProSid™ Pellet Pro substantially lowers the water surface tension and promotes the distribution of water in feed. Esters of fatty acids are well known emulsifiers and surfactants as you can see in this illustration: it shows the perfect homogenous dispersion.

Water without
Prosid™ Pellet Pro



Water with
Prosid™ Pellet Pro



Without Prosid™ Pellet Pro
Accumulation of moisture
in the outer layer



With Prosid™ Pellet Pro
More equal spread of
moisture



A perfect homogenous dispersion

ProSid™ Pellet Pro is a liquid solution based on ester technology. The ester technology enables a perfect homogenous dispersion. Its performance is even better if it is part of our Perstorp Perfect Mixx offer and combined with our robust and highly accurate Cibodoz dosing machine for water and organic solutions.

More information on:

www.perstorp.com/perstorp-perfect-mixx

Devoted to your success

Specialist

Perstorp Feed & Food is a global specialist in acid-based solutions with more than 50 years of experience. We know the importance of gut health and feed preservation for the livestock industry. Therefore, we have focused our skills, knowledge and resources on finding new ways to improve gut health and preservation. Thanks to this dedication, we are the first in developing next generation solutions that exceed your expectations.

Swedish multinational

As Perstorp Feed & Food, we belong to the Swedish multinational Perstorp Group – a basic producer of organic acids such as propionic acid, formic acid and butyric acid. As a part of the Perstorp Group, we can take advantage of an extensive amount of knowledge accumulated since 1881, joint R&D facilities and our own production facilities in Europe, North America and Asia. As Feed & Food we operate independently, flexibly and close to our markets.

Agricultural lifeline

Our highly knowledgeable and motivated team has an agricultural lifeline. Being in close contact with farmers and the feed industry drives our dedication in adding value to your business. We challenge ourselves constantly to enhance gut health and preservation for better performance, feed efficiency and daily weight gain: for your business.

Perstorp Feed & Food

Dedicated specialist in gut health and preservation. Devoted to success.

For more information, visit perstorp.com