



## Your Winning Formula

The Perstorp Group is the world leader in several sectors of the specialty chemicals market. Few chemical companies in the world can rival its 130 years of success. Today we have a rich performance culture distilled from our long history and extensive knowledge in the chemical industry. That culture and knowledge base enables us to produce Winning Formulas for a wide variety of industries and applications.

Our products are used in the aerospace, marine, coatings, chemicals, plastics, engineering and construction industries. They can also be found in automotive, agricultural feed, food, packaging, textile, paper and electronics applications.

Our production plants are strategically located in Europe, North America and Asia and are supplemented by sales offices in all major markets. We can offer you fast regional support and a flexible attitude to suit your business needs.

If you want a partner for feed additives who can offer you focused innovation to enhance your product or application, which is delivered reliably and responsibly, look no further. We have a winning formula waiting for you.



## ProMyr™ Silage Plus

The best salt-based silage additive  
for all silage systems

### Benefits of ProMyr™ Silage Plus

- ➔ New product with mixture of salts
- ➔ Guarantees the quality of silage
- ➔ Effective against bacteria and mould
- ➔ Good spread gives high effectiveness
- ➔ No ADR restrictions, classified as non-corrosive



# Guarantees the quality of silage

## A tried and tested solution from Perstorp

Making silage properly is an art form that requires know-how and experience. The aim is to ensure a high level of energy and protein in all types of feed. When you decide to make silage with Perstorp products, you are securing the process and can expect ensilage of a high and uniform quality. ProMyr is a tried and tested solution that over the years has given farmers storage-stable ensilage ahead of the cold season.

## ProMyr™ Silage Plus – for efficient ensilage

ProMyr™ Silage Plus is a new type of product belonging to the ProMyr™ product family. Unlike the well-known buffered acid-based silage additives, ProMyr™ Silage Plus is a mixture of different salts. The product is designed for bales, but is also suitable for ensilage in bunker silos.

ProMyr™ Silage Plus is a gas forming additive, which means that the active substance can be spread well in the bales even if the actual silage additive is difficult to distribute evenly.

When using other silage additives it is difficult to achieve a good distribution of the additive in bales because large amounts of green mass are pressed tightly together in layers. In the worst case scenario, only the surface of these layers touch and the effect of the silage additive varies in different parts of the bale.

Since the green mass does not mix to the same extent as with exact chopping, there is also a high risk of a heterogeneous composition of green mass in bales. Even if the DM content is set carefully, soggy parts often occur in the bales. The risk of unwanted microbial growth is high in these deviating parts inside the bale. ProMyr™ Silage Plus is a solution for efficient ensilage!

Another risk factor when ensiling in bales is that the entire enclosing surface is made of plastic film. Holes are easily made in the plastic, often caused by birds, livestock or careless handling. When air gets into the bale there is a high risk of mould and yeast growth. The yeast uses the carbohydrates in the feed as a substrate, as well as the lactic acid that preserves the bale.

When the lactic acid disappears, the pH value rises, leading to the feed no longer being storage-stable. Many different microorganisms can start to grow and their activity is often so extensive that heat accumulates in the bale and so-called overheating takes place. Both ruminants and horses are very sensitive to fungal toxins, so-called mycotoxins. ProMyr™ Silage Plus is a solution for efficient ensilage! ProMyr™ Silage Plus is also effective against Clostridium bacteria.

## How ProMyr™ Silage Plus works

The product is a mixture of the two salts sodium propionate and sodium nitrite. The sodium propionate is a salt of Perstorp's well-known propionic acid.

When lactic acid is formed during the ensilage process some of it will convert the sodium propionate into propionic acid, which is very effective against mould and yeast strains. The lactic acid will also release nitrous gases from the other salt – the sodium nitrite.

These gases are very effective in killing Clostridium bacteria. Gas forming means the active substance can be spread well in the bales even if the actual silage additive is difficult to distribute evenly.

ProMyr™ Silage Plus is the best alternative if you want to guarantee the quality of the silage. A good option for bale ensiling, especially as the product is non-corrosive. The product is equally suitable for other types of ensilage system.

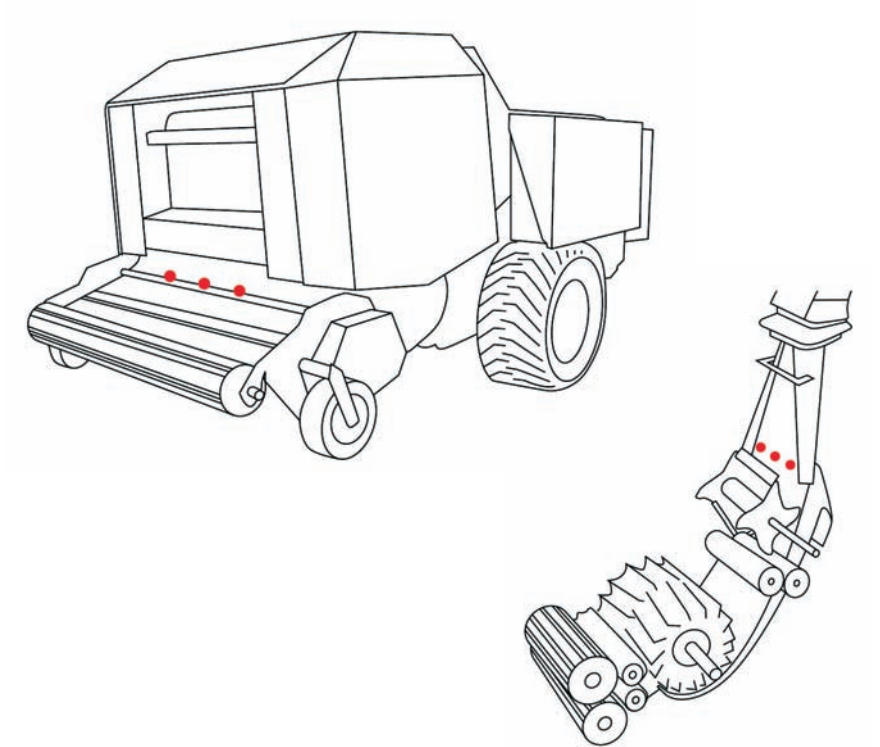
Protect the value of your machinery and order ProMyr™ Silage Plus from your dealer, who can also answer your questions about this new member of the ProMyr family.

## ATTENTION!

- Not to be fed earlier than six weeks after harvest.
- Only to be used when dry matter content is below 60 %.

Recommended dosage 3 liters/tonne

## Application



● Placement of the nozzles

