Benefits:

- Fast fermentation and significantly improved stability in the silo, even when opened early.
- Fast-growing and unique lactic acid bacteria that dominate and control fermentation.
- Oxygen-consuming activity during fermentation.

Pack size:

- 200 g sachet treats 100 tonnes of fresh crop. One box contains 5 × 200 g sachets.
- 100 g sachet treats 50 tonnes of fresh crop. One box contains 10 × 100 g sachets.
- Product form: Powder.
- Solubility: Water-soluble.
- Shelf life: 24 months when stored in a freezer (-18°C). 18 months when stored in cool conditions (+4°C). 12 months when stored at room temperature (below +20°C).

Instructions for Use and Dosage:

- Mix the contents of one 100 g sachet into 10–100 litres of water.
- Mix the contents of one 200 g sachet into 20–200 litres of water.

For both package sizes, this corresponds to a dosage of 0.2–2 litres per tonne of fresh crop.
Recommended dosage: 250,000 CFU/g of fresh crop.

Contents:

- *Lactococcus lactis* O224 (DSM 11037/1k2081)
- *Lactobacillus buchneri* (DSM 22501/1k20738)

For more information, please contact us on +45 45 74 74 74 or visit: www.chr-hansen.com/ animal-probiotics-and-silage-inoculants



Contact us

Visit our website and social media channels to learn more about our silage products. We offer knowledge and information, as well as downloadable product sheets.

www.chr-hansen.com/animal-probiotics-and-silage-inoculants
Quick access via smartphone:

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Contact the Chr. Hansen silage team or your local distributor today

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You can also contact our global silage team directly at:
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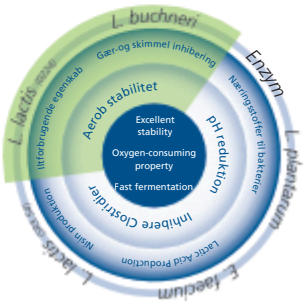
CHR. HANSEN
Improving food & health

SiloSolve® FC

Fast fermentation and stability in the silo



About SiloSolve® FC

The Silage Challenge

Most farmers face a major challenge during feed-out: silage heats up due to the growth of yeasts and moulds.
Heat production leads to nutrient losses and therefore a risk of reduced milk production.
Another challenge may be a shortage of roughage. This forces dairy farmers to open the silo before the recommended 30 days of fermentation.
Opening the silo too early can be problematic because the silage has not completed fermentation and is therefore not yet stable.

Good silage requires oxygen-free conditions

Good silage management, including the use of a high-quality silage additive and good compaction in the silo, are important prerequisites for achieving high-quality silage.
SiloSolve® FC is a completely new silage additive that combines the effect of a proven lactic acid bacteria strain, Lactobacillus buchneri (DSM 22501), with the unique Lactococcus lactis O224 (DSM 11037) strain.
This strain has a unique oxygen-consuming property.

Early feed-out – no longer a problem

As soon as the silage clamp is opened and the silage is fed out, yeasts and moulds begin consuming the available nutrients and growing exponentially, resulting in heat production.
The aerobic stability of the silage is increased by using SiloSolve® FC, even after a short fermentation period.
Farm trials show fast fermentation and no heat production after only 2–8 days of fermentation.
This makes SiloSolve® FC the silage additive to use when you need to open the silo early.

See it with your own eyes

SiloSolve® FC Ensures fast fermentation

As soon as the silo is covered, the environment becomes oxygen-free more quickly. This stops CO2 production and significantly reduces dry matter losses.



Maize silage, 28.5% dry matter, fermented for 7 days. Left bag: Treated with SiloSolve® FC. Right bag: Untreated control.

The QR code and CO_2 inhibition video.

SiloSolve® FC keeps silage fresher

The growth of yeasts and moulds is reduced, thereby slowing down nutrient losses. As a result, a high and profitable level of milk production can be maintained.



Lucerne silage fermented for 33 days and then left uncovered at room temperature. Left image: Treated with SiloSolve® FC. Right image: Untreated control.

Scan the QR code to see the video demonstrating the significant difference SiloSolve® FC makes in controlling yeasts and moulds.

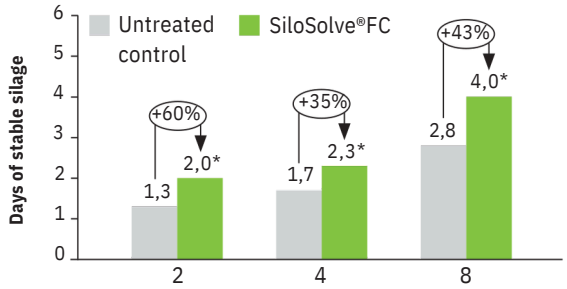
Stable and cool silage after 12 days of fermentation



Danish maize silage from 2014. Outdoor temperature was 15°C.

SiloSolve® FC contains our well-known Lactobacillus buchneri (DSM 22501) and the new, unique, patented Lactococcus lactis O224 (DSM 11037).
This combination provides both pre-fermentation and inhibition of yeast and mould growth, resulting in improved aerobic stability during feed-out.
Furthermore, SiloSolve® FC has proven to be particularly effective when fermentation periods are shorter than the recommended 30 days.
This makes SiloSolve® FC a very unique product suitable for most crops and dry matter levels.

SiloSolve® FC increases stability when thes silo is opened early



Maize silage, 34.9% dry matter, fermented for 2, 4 and 8 days, followed by a 7-day aerobic stability test. Trial 80253.
Significantly different (P<0.05).

SiloSolve® FC treats: whole-crop maize, maize cob silage, grass, lucerne/grass mixtures.
SiloSolve® FC is particularly effective in crops where there is a risk of yeast and mould growth.
In addition, SiloSolve® FC is effective when a shorter fermentation period is required.

