

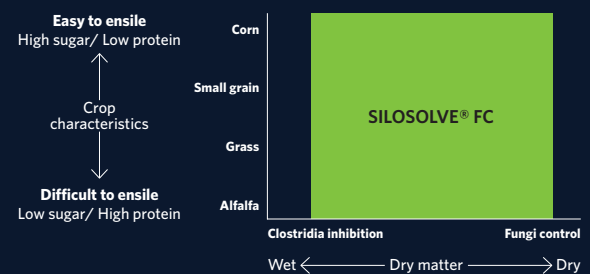


SiloSolve® FC

Bacterial inoculant for improved fermentation and aerobic stability of silage – allows for early opening

SILOSOLVE® FC is a science-based, research-proven bacterial inoculant formulated for Alfalfa, Grass/Legume, Corn and Barley silage:

- Improves dry matter recovery and aerobic stability
- Reduces ammonia nitrogen and yeast and mold
- Improves aerobic stability and TMR stability of grass/legume ensiled for less than 32 days



CHR HANSEN

Improving food & health

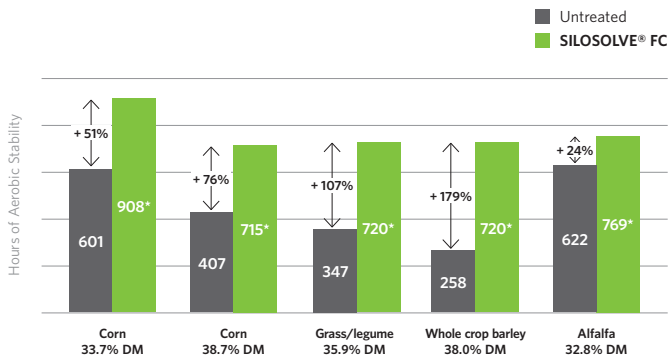
The solution to silage challenges

SILOSOLVE® FC promotes rapid, controlled fermentation and ensures that dry matter and nutrients from the field are preserved and available for your cows.

SILOSOLVE® FC improves aerobic stability while improving dry matter recovery

SILOSOLVE® FC is a unique, dual-action inoculant that improves aerobic stability and at the same time improves dry matter recovery over a broad range of dry matter and forages.

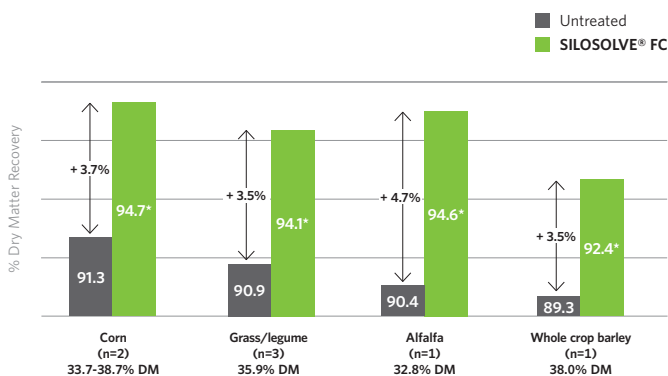
Figure 1: SILOSOLVE® FC improves aerobic stability 14 days across crops



*P<0.05 significantly different from untreated.

While in university trials **SILOSOLVE® FC** increased aerobic stability up to 30 days after opening, dry matter recovery across crops was improved on average 3.9% points compared to untreated silages.

Figure 2: SILOSOLVE® FC improves dry matter recovery across crops

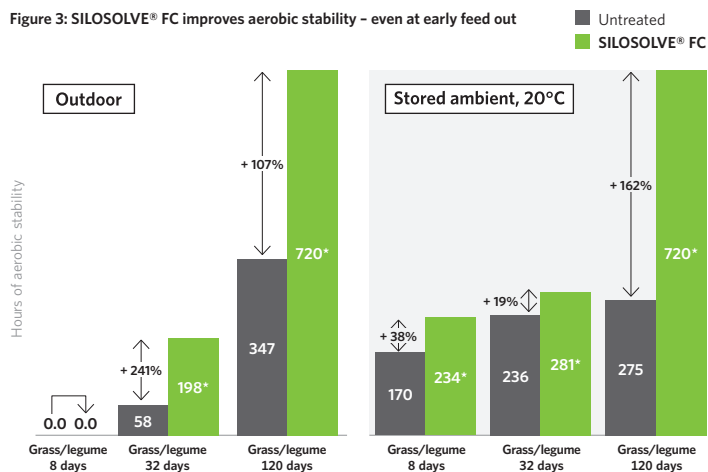


*P<0.05 significantly different from untreated.

SILOSOLVE® FC improves stability - even at early feed out

Review of the literature indicates that *L. buchneri* normally produces acetic acid after 56 days of ensiling. With **SILOSOLVE® FC**, acetic acid production has been observed on day 2 of ensiling corn silage and as a result improved aerobic stability even after a short fermentation time. In grass/legume silage aerobic stability was improved by 2-15 days. When fermented for as short as 8 days, an improved aerobic stability was observed in samples stored at ambient (20°C). On the bales stored outside, no differences in aerobic stability was observed, as retained heat from the fermentation was above the ambient +3°C threshold in both treatments.

Figure 3: SILOSOLVE® FC improves aerobic stability - even at early feed out

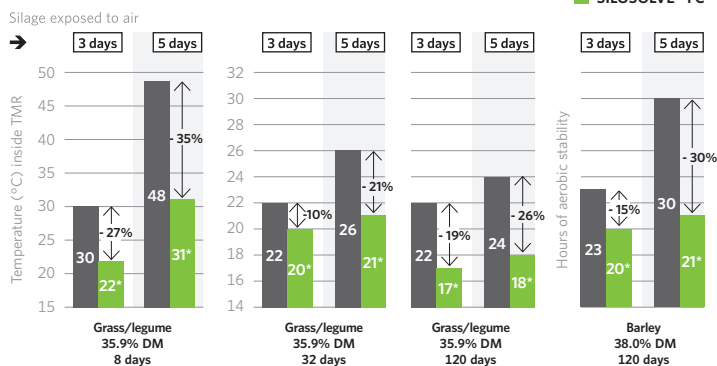


*P<0.05 significantly different from untreated.

SILOSOLVE® FC improves stability of TMR (Total Mix Ratio) - also at early feed out

If the silage face is exposed excessively long, it will not only compromise the silage stability but subsequent impact the stability of the TMR. As a very unique feature of **SILOSOLVE® FC**, not only the stability of the silage, but also subsequent TMR stability, can be improved.

Figure 4: SILOSOLVE® FC improves TMR stability of barley and grass/legume mix silages - even after short fermentation time



*P<0.05 significantly different from untreated.

Strains matter

Chr. Hansen has diligently selected and combined the strains in **SILOSOLVE® FC**. Scan the QR code and learn about the amazing difference **SILOSOLVE® FC** makes in mold & yeast count.



What's inside SILOSOLVE® FC

SILOSOLVE® FC contains our proprietary strain of *L. buchneri* LB1819, plus our unique strain of *Lactococcus lactis* O224. This novel combination facilitates rapid establishment of anaerobic conditions and improves fermentation to inhibit yeast and mold growth, resulting in improved aerobic stability at feed out - even as early as 8 days of fermentation.

Package:

- 1,000 g canister treats 500 metric tons of fresh forage.
- 200 g canister treats 100 metric tons of fresh forage.
- One box contains 6 x 1,000 g canisters or one box contains 12 x 200 g canisters.

Form: Powder

- Solubility:** Water soluble
- Shelf life:** 24 months at room temperature (<20°C).

Application:

200 g canister treats 100 metric tons of fresh forage. Mix silage inoculant into amount of water appropriate for your applicator. Apply solution evenly over forage as it is harvested or ensiled. When used as directed, 2 grams of **SILOSOLVE® FC** inoculated 1 metric ton of fresh forage at a rate of 150,000 cfu/g of fresh forage.

Content:

- *Lactococcus lactis* O224
- *L. buchneri* LB1819

TO LEARN MORE CALL US AT 888-289-2218

SILOSOLVE® FC is a trademark of Chr. Hansen A/S