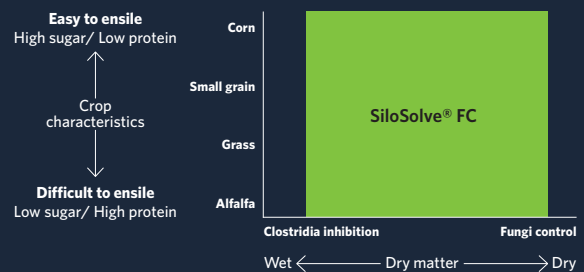


SiloSolve® FC

Bacterial inoculant for improved fermentation and aerobic stability of silage

SiloSolve® FC is a science-based, research-proven bacterial inoculant formulated for all crops:

- Establishes an anaerobic environment rapidly and prevents spoilage
- Improves aerobic stability and dry matter recovery
- Attains excellent fermentation and aerobic stability – even at 7 days of ensiling



CHR HANSEN

Improving food & health

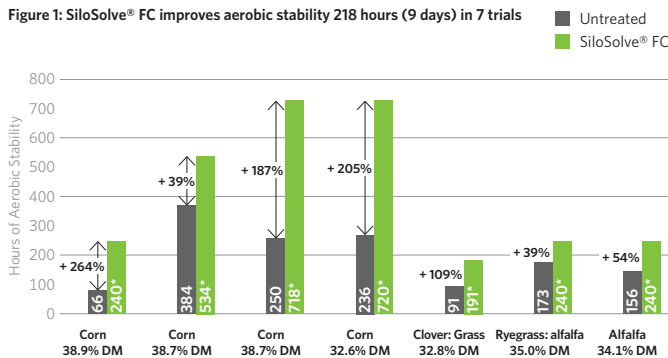
The solution to silage challenges

SiloSolve® FC has consistently yielded silage preferred by dairy cows. 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

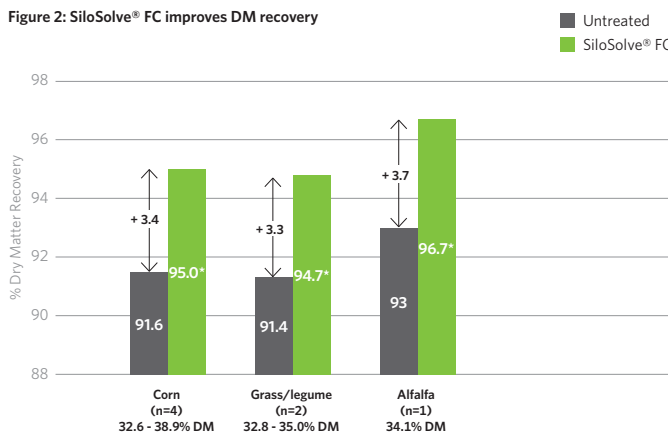
SiloSolve® FC is a unique, dual-action inoculant that improves aerobic stability and at the same time improves dry matter recovery over a broad range of dry matter and forages. While SiloSolve® FC increased aerobic stability up to 30 days in university trials, dry matter recovery across crops was improved an average of 3.5% points compared to untreated silages.

Figure 1: SiloSolve® FC improves aerobic stability 218 hours (9 days) in 7 trials



*p<0.05 significantly different from untreated. Aerobic stability test stopped after 10 or 30 days.

Figure 2: SiloSolve® FC improves DM recovery

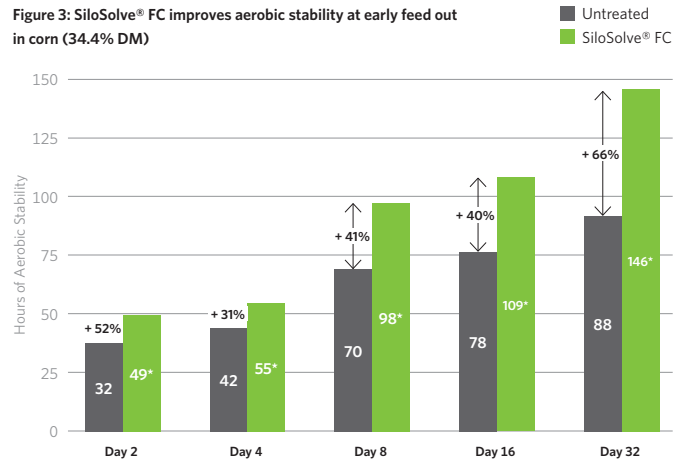


*p<0.05 significantly different from untreated.

SiloSolve® FC improves stability – even at early feed out

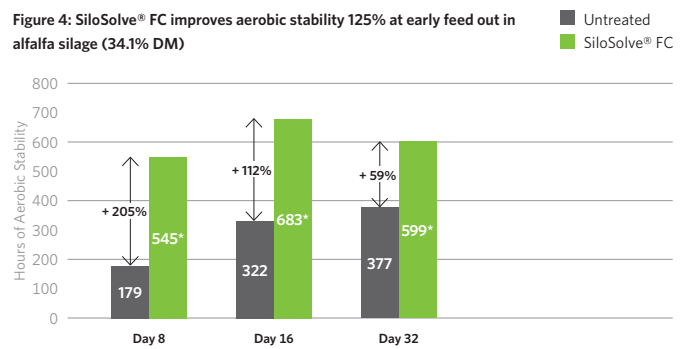
Review of the literature indicates that *L. buchneri* normally produces acetic acid after 56 days of ensiling. With SiloSolve® FC, acetic acid production has been observed on day 2 of ensiling corn silage and as a result improved aerobic stability even after a short fermentation time. In alfalfa silage aerobic stability was improved by 13 days.

Figure 3: SiloSolve® FC improves aerobic stability at early feed out in corn (34.4% DM)



*p<0.05 significantly different from untreated. Aerobic stability test stopped after 7 days.

Figure 4: SiloSolve® FC improves aerobic stability 125% at early feed out in alfalfa silage (34.1% DM)

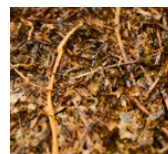


*p<0.05 significantly different from untreated. Aerobic stability test stopped after 30 days.

Specific trial data available upon request.

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 *Lactobacillus 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 7 days of fermentation.

Targeted crops for SiloSolve® FC include whole crop corn, small grain, grasses and alfalfa/grass mixtures. SiloSolve® FC is particularly effective when there is a risk for fungal growth and across a broad range of moistures.

Package:

- 1,000 g canister treats 500 tons of fresh forage.
- 200 g canister treats 100 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 (<77°F)

Application:

Contents of one 200 g or 1,000 g canisters are added to 5-50 gallons of water, corresponding to 1.28-12.8 oz/ton fresh forage. When used as directed, 2 grams of SiloSolve® FC inoculates 1 ton of fresh forage at a rate of 150,000 cfu/g.

Content:

- *Lactococcus lactis* O224
- *Lactobacillus buchneri* LB1819