

Josera.
we care, you grow

Josilac® ferm

SAFETY EFFECT

Biological silage inoculant

The specialist against secondary heating in silage maize, CCM, high-moisture corn (HMC), and green forage silages with high dry matter content

Premix with biological silage inoculants

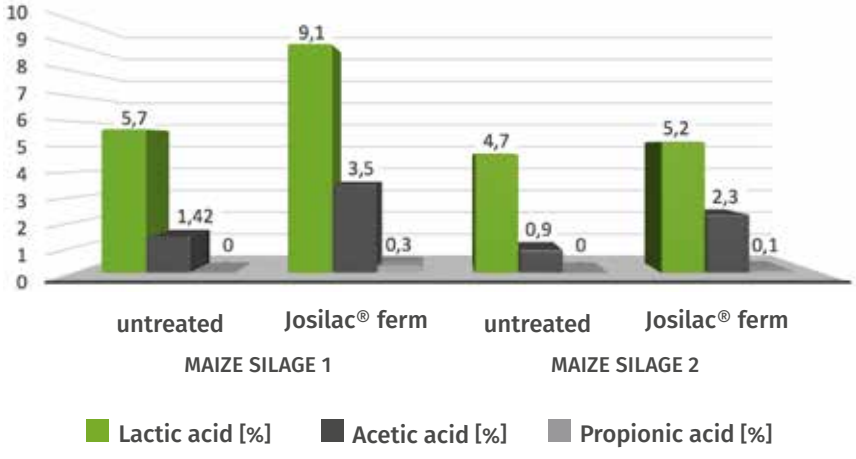
Product features:

- Highly efficient **heterofermentative bacteria strains**
- Especially suitable under **challenging ensiling conditions**
  - Low feed-out rate
  - High levels of yeasts and moulds
  - Dry silage materials
  - Large exposed silage face areas
- **DLG-tested** (2)
- **SAFETY**-Effect
  Protection against aerobic spoilage and mould formation after opening and during silage feed-out

Advantages of Josilac® ferm:

- **Fresh, cool forage** due to protection against reheating
- **Preserves feed value** by controlling yeast and mould growth
- **Reduced feed losses** through high aerobic stability

Fermentation acid ratio



The production of large quantities of Acetic acid in combination with increased Lactic acid and propionic acid contents promises **successful preservation** of the ensiled material.

By suppressing the exponential growth of yeasts and moulds, mycotoxin formation can be significantly reduced. Mycotoxins can have severe negative effects on the health status of dairy cows.

Josilac® ferm

Premix with biological silage inoculants

Main application area				
Grass > 30% DM	Silage maize	CCM	Whole-crop silage	ULV
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SAFETY EFFECT



Composition:

heterofermentative lactic acid bacteria

Innoculation density:

150,000 CFU lactic acid bacteria / g ensiled material

Dosage:

3 g **Josilac® ferm** per t of silage,
the 150 g envolope is sufficient for 50 t of ensiled material.

Direction for use:

Josilac® ferm is dissolved in at least 0.5 l of non-chlorinated water with vigorous stirring or shaking. It is then diluted with 0.2 to 2.0 l/t of silage material (alternatively ULV 25-100 ml) and evenly applied to the harvested crop (dosing equipment is available in our product range).
The degree of dilution depends on the harvesting method, harvest volume per hour, and nozzle output. Recommended water temperature: 18-30 °C.
The application solution is ready for immediate use and should be used within 48 hours.
Recommended dry matter range: 30-60% DM.

Note: The silo should remain sealed for at least 6 to 8 weeks.

**You have questions about Josilac® ferm?
Then feel free to contact us!**

Envolope sizes:

150 g

Storage and minimum shelf-life in closed original packaging:

24 months from production date (see imprint) if stored in a cool and dry place.
Protect from light and sun light.
Optimal storage conditions are in the refrigerator or freezer.

Mode of action:

The heterofermentative lactic acid bacteria contained in **Josilac® ferm** transform previously formed lactic acid partially into acetic acid and 1,2 - propanediol. This effectively preserves the silage and protects it from reheating. The silages remain stable for longer after air supply (high aerobic stability).
Due to the high osmotolerance of the bacterial strains, the effectiveness is also ensured in silage with DM contents of up to 60 %.

Compliance with good agricultural practice is a prerequisite for the successful use of the silage inoculant.

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Josilac®
by Josera.

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