

Josera.
we care, you grow

Josilac® grass

Silage Inoculant

The specialist for green forage

TURBO EFFECT

Premix of biological silage additives

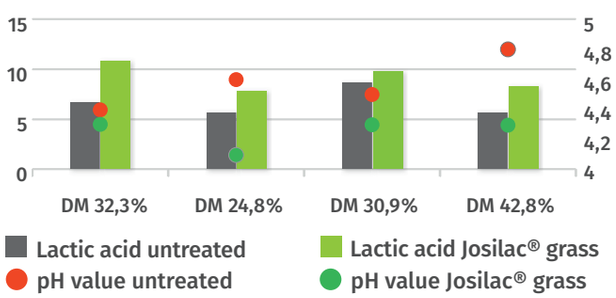
Product features:

- **Smart combination** of different homofermentative bacterial strains
- **DLG-tested** (1b, 4a, 4b, 4c milk)
- **TURBO**-Effect
  Immediate performance through rapid and strong acidification of the silage material

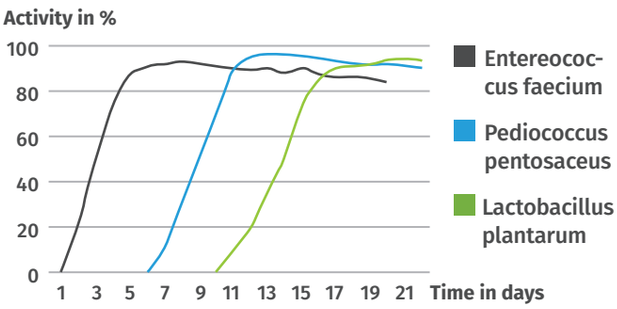
Advantages of Josilac® grass:

- **Greater nutrient density** due to low-loss conversion of sugar into fermentation acids
- **Low fermentation losses due** to controlled and rapid fermentation process
- **Promotes feed intake** through improved silage quality
- **High protein preservation** due to reduced protein degradation.
- Unlocks **greater milk yield potential from forage**

pH value and lactic acid content in grass silage [%]



Effective spectrum Josilac® grass



The **gradual, rapid production of large amounts of lactic acid** results in a significant reduction of the pH value. A long-lasting preservative effect is the result.

Undesirable **silage microorganisms (e.g., clostridia, listeria, and enterobacteria)** are **effectively inhibited,** thereby **preventing butyric acid fermentation** and the associated deterioration of silage quality.

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Josilac® grass

Premix with biological silage inoculants

Recommended Application				
Grass	Legumes	Whole-crop silage	Corn maize	ULV
●●●	●●			✔



Composition:

homofermentative lactic acid bacteria.

Inoculation Density:

300,000 CFU lactic acid bacteria / g silage.

Recommended Dosage:

3 g **Josilac® grass** per t of forage,
one sachet (150g) is sufficient for 50t forage.

Direction for use:

Dissolve **Josilac® grass** in at least 0.5 L of non-chlorinated water, stirring or shaking vigorously.

Dilute the solution further with water at a rate of 0.04–2.0 L per ton of forage. Apply it evenly to the harvested crop between 0.2L-2L/t.

The degree of dilution depends on the application device and the desired amount applied per t.

Micro-dosing: Apply **Josilac® grass** in liquid form at 50–100 mL per tonne of silage material.

Recommended water temperature: 18–30 °C
Recommended dry matter content: 25–40% DM
The solution is ready to use immediately.
Use it up within 48 hours.

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

Packaging Size:

10 x 150g

Storage and minimum shelf-life in closed original packaging:

Shelf life: 24 months when stored in a cool, dry place.
Best before: see imprint.
Protect from light and direct sunlight.
Ideally store in a refrigerator or freezer.

Mode of Action:

The homofermentative lactic acid bacteria lower the pH of the ensiled material very quickly and effectively.

Shortly after the silage additive is applied, the Enterococcus lactis bacteria become active first and initiate the start-up phase of fermentation. Next, Pediococcus pentosaceus takes effect and acidifies the silage material further. Finally, the Lactiplantibacillus plantarum strains produce lactic acid once the pH has already dropped.

Because the bacteria act in sequence, the product stays active over an extended period. This effectively prevents undesirable fermentation and ensures consistently high silage quality.

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

Compliance with good agricultural practice is essential for the silage inoculant to be effective.

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Josilac®
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