



Josera.
we care, you grow

# Josilac® combi

## Silage Inoculant

**The all-rounder**

SYMBIOSIS EFFECT

## Premix of biological silage additives

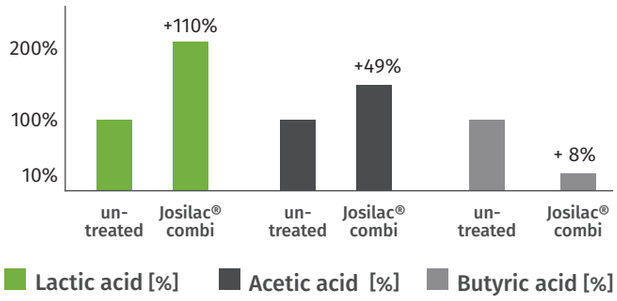
### Product features:

- **Synergistic blend** of different homofermentative and heterofermentative bacteria strains
- **Wide DM range** (DM 28 - 45 %)
- **DLG-certified** (1c, 2 grass)
- **SYMBIOSIS**-Effect
  A combination of turbo and safety effects when both actions are required

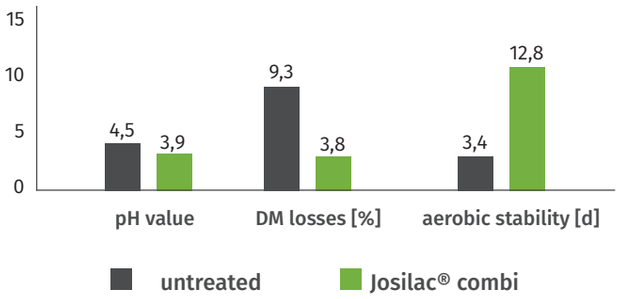
### Advantages of Josilac® combi:

- **Dual protection against undesirable fermentation and reheating**
- **Reduced fermentation** losses by preserving energy-rich dry matter
- Balanced production of acetic acid
- Supports **high forage** intake through fresh, hygienically stable silage

### Fermentation acids grass silage 1st cut




### Grass Silage 1st cut




### Protection against undesirable fermentation:

**Optimised fermentation process** due to the formation of **larger amounts of lactic and acetic acid,** as well as greatly **reduced amounts of butyric acid.**

### Protection against reheating:

**High aerobic stability** combined with a **low pH value and reduced dry matter losses** ensure excellent preservation results.

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# Josilac® combi

## Premix with biological silage inoculants

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




### Composition:

homofermentative and heterofermentative lactic acid bacteria.

### Inoculation Density:

300,000 CFU lactic acid bacteria / g silage.

### Recommended Dosage:

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

### Direction for use:

Dissolve **Josilac® combi** 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® combi** in liquid form at 50–100 mL per ton of forage.

Recommended water temperature: 18–30 °C
Recommended dry matter content: 28–45% 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 first initiate intensive lactic acid fermentation. This causes the pH to drop rapidly, reduces fermentation losses and suppresses the formation of butyric acid. As fermentation continues, the heterofermentative strains produce a balanced amount of acetic acid. This keeps the silage stable for longer once it is exposed to air (aerobic stability), without affecting it's palatability.

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**You have questions about Josilac® combi?
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®
by Josera.

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