

# Josilac<sup>®</sup> extra

Biological silage inoculant for the treatment of silage.  
The specialist against reheating and mould formation.

## Product features

- heterofermentative lactic acid bacteria (*Lactobacillus buchneri*, *Lactobacillus kefir*)
- approved for organic farms
- SAFETY-Effect

## Product advantages

- cool, fresh feed
- wide range of application (dry matter 30-65 %)
- for various types of forages
- low application rates (usable for ultra-low-volume [ULV]) and liquid application

## Your benefits

- high flexibility
- easy application
- protects against reheating and mould formation



### Main range of application

Grass > 30 % dry matter	Maize silage	CCM (Corn Cob Mix)	Whole crop silage	ULV
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# Josilac extra

Premix of silage additives

**Application area:**

Maize silage, Corn cob mix, whole crop silage, grass with higher dry-matter-content

**Composition:**

Heterofermentative lactic acid bacteria

**Recommended dose:** 250.000 CFU / g fresh forage.

**Dosage:** 3g Josilac® extra per ton fresh forage. One bag (150 g) is sufficient to treat 50 tons of fresh forage.

**Application note:**

Josilac® extra is dissolved under heavily stirring or shaking in water (unchlorinated) and in liquid form with 0.2 to 2 l per tons applied uniformly to the silage (**Josilac® dosing equipment**).

If using micro dosing technology apply Josilac® extra in liquid form to the silage at a rate of 25 – 100 ml / ton.

Proposed water temperature: 18 – 30 °C

The application solution is immediately ready for use and should be consumed within 48 hours.

Proposed dry matter range: 30 – 65 % DM

Note: Silo should remain closed for at least 6 – 8 weeks.

**Storage and shelf life in unopened original packaging:**

Room temperature (20 °C): 6 months

Refrigerator (4 – 8 °C): 12 months

Freezer (-18 °C): 24 months

**Mode of Action:**

The in Josilac® extra included lactic acid bacteria keeps the silage longer stable after air admission (high aerobic stability). The effective use is also ensured at more dry silages (high osmotolerance). The heterofermentative bacteria convert the initially formed lactic acid partial into acetic acid and 1,2-propanediol. The high-quality forage is effectively conserved and protected against reheating.

**Advantages of Josilac® extra in silages used for feeding:**

- Low feed losses due to the high aerobic stability (stability of the silage after exposure to air)
- Healthy, fresh and cool feed, due to the reduction of secondary heat fermentation losses
- Better feed quality due to the reduced growth of yeasts and molds. This reduces their negative effect to the health of your animals

**Net mass:** 150 g