

Josera.
we care, you grow

Certified Organic Product (DE-ÖKO-060)

Josilac® classic

Biological silage inoculant

The classic product with organic certification for meadow and arable grasses, clover grass, lucerne and other legumes

TURBO EFFECT

Premix with biological silage inoculants

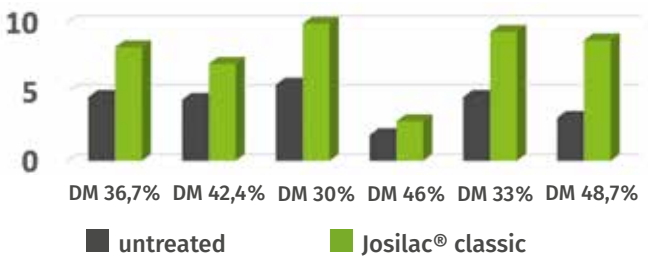
Product features:

- **Smart combination** of different homofermentative bacteria strains with highly effective enzymes
- Approved for **organic farms**
- **DLG-tested** (1b, 1c, 4b, 4c milk)
- **TURBO**-Effect
  immediate performance through strong and rapid acidification of the silage material

Advantages of Josilac® classic:

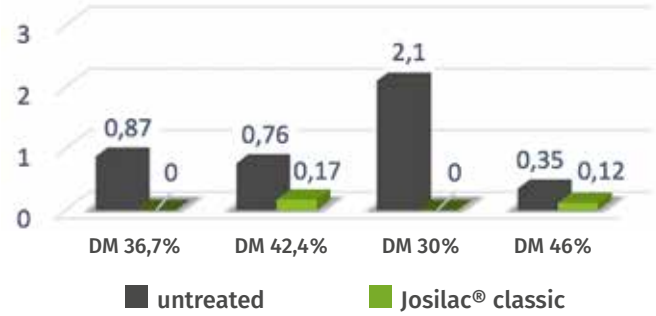
- **High inoculation rate** of homofermentative lactic acid bacteria
- **Enzymes** to enhance the degradation of structural fibre fractions
- **Ideal for grassland as well as legumes and clover-grass mixtures**
- Unlocking **greater milk yield potential** from the forage base

Lactic acid content in grass silage [%]



Josilac® classic is a highly efficient ensiling inoculant which, **through the formation of large quantities of lactic acid, quickly and safely initiates the ensiling process** even in grassland that is moderately difficult to ensile.

Butyric acid content in grass silage [%]



Undesirable fermentation microorganisms (e.g. clostridia and listeria), which can impair silage quality through butyric acid formation, are **effectively suppressed.**

Josilac® classic

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Main application area				
Grass	Clover grass	Legumes	Whole-crop silage	Silage maize
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Composition:

homofermentative lactic acid bacteria and enzymes

Innoculation density:

600,000 CFU lactic acid bacteria / g ensiled material

Dosage:

6 g **Josilac® classic** per t of ensiled material,
the 150 g envolope is sufficient for 25 t of ensiled material,
the 600 g envolope is sufficient for 100 t of ensiled material.

Direction for use:

Josilac® classic dissolved in at least 0.5 L of water (non-chlorinated) while stirring or shaking vigorously (for the 600 g pack, use at least 2 L of water), and then diluted with 0.4 to 2.0 L per tonne of silage material and applied evenly to the harvested crop (dosing equipment is available in our product range).
The degree of dilution depends on the harvesting method, harvesting capacity 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: 25-40% DM.

Note: homofermentative lactic acid bacteria and enzymes.

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

Envolope sizes:

150 g / 600 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:

By means of homofermentative lactic acid bacteria *(Lactobacillus plantarum, Pediococcus pentosaceus)*, the ensiled material is acidified very quickly and sufficiently.
The combination of the different bacterial strains, which unfold their effect with a time delay, enables a broad period of activity. This efficiently prevents faulty fermentation.
To support fermentation, the added enzymes dissolve further plant sugars and provide valuable fermentation substrate for the lactic acid bacteria.
A safe fermentation process even under difficult conditions (humid weather, low sugar content, high buffer capacity) is thus made possible!

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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