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we care, you grow

Josilac® ferm

Biological silage inoculant for the treatment of silage
The specialist against reheating

Product features:

- heterofermentative lactic acid bacteria (Lactobacillus buchneri)
- product is DLG tested (2)
- SAFETY-Effect

Product advantages:

- cool, fresh feed
- wide range of application (dry matter 30-60 %)
- for various types of forages
- low application rates (usable for ultra-low-volume [ULV]) and liquid application

Your benefits:

- high flexibility
- easy application
- high security through DLG quality label

SAFETY EFFECT

Main range of application					
Grass > 30 % dry matter	Maize silage	CCM (Corn Cob Mix)	Whole crop silage	Silage for biogas production	ULV
•	•••	•••	••	••	✓

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Premix of silage additives

Application area:
Maize silage, Corn cob mix, whole crop silage, grass with higher dry-matter-content, ensiled material for biogas production

Composition:
heterofermentative lactic acid bacteria

Recommended dose: 150.000 CFU / g fresh forage.

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

Application note:
Josilac® ferm is dissolved under heavily stirring or shaking in water (unchlorinated) and in liquid form with 0.4 to 2 l per tons applied uniformly to the silage **(Josilac® dosing equipment)**.
If using micro dosing technology apply **Josilac® ferm** in liquid form to the silage at a rate of 50 – 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 – 60 % 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® ferm** included SAFETY-Effect keeps the silage longer stable after air admission (high aerobic stability). The effective use is also ensured at more dry silages (high osmotolerance). On the one hand the SAFETY-Effect cares about the secured fermentation process during the primary fermentation. On the other hand a stable environment against molds and yeasts is created. The high-quality forage is effectively conserved and protected from reheating.

Advantages of Josilac ferm® 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

Advantages of Josilac ferm® in the fermentation substrate for Biogas production:
- Continuity of the valuable initial substances for gas formation, due to the lower loss of dry matter
- Lower energy losses during feed out and loading into the fermenter (higher aerobic stability)
- High gas yields due to a higher percentage of acetic acid and 1,2-propandiol. These combinations are precursors of methane production.

Net mass: 150 g

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