Corn silage
perfectly preserved

QUALITÄTSSIEGEL DLG WWW.DLG.ORG

KATEGORIE 2

KONTINUIERLICH GEPRÜFT

DLG-Zertifikat 6520

BERGO® Lactosil Fresh

bergophor

FEEDING WITH SYSTEM

BERGO® Lactosil Fresh

A biological instant silage additive to protect corn silages and CCM from reheating and mold formation.

Maize silage and CCM are basic forage that can be ensiled easily and contain sufficient amounts of lactic acid very quickly to achieve a stable, low pH value.

BERGO® Lactosil Fresh contains a highly effective heterofermentative lactic acid bacterial strain (***Lactobacillus buchneri, DSM 13573***).
This strain of lactic acid bacteria forms more acetic acid, it is acid and osmo-tolerant, i.e. the bacteria can prevail against rapidly acidifying lactic acid producers and can also be used in silages with higher drymatter (DM) contents.
Excessive acetic acid production is prevented by the special selection of the lactic acid bacteria strain. A high acetic acid content (> 2.5 %) in the Silage can negatively affect feed intake.

Effects:

- stabilizes the silage under the influence of air
- 6 - 8 days improved shelf life
- reduces the growth of yeast and mold
- reduces DM and nutrient losses
- preserves valuable feed energy
- Protein quality is improved
- more crude protein
- suitable for organic farms

Usage:

BERGO® Lactosil Fresh is packed in bags of 100 g each. The content of one bag is sufficient for the treatment of 100 t of silage maize or 50 t of CCM or wet maize grist. This achieves an inoculation density of 100,000 bacteria per g of ensiled material or 200,000 bacteria per g of ensiled material with CCM.
After dissolving in water, *BERGO® Lactosil Fresh* is ready to use and must be used within 48 hours. It is recommended to spray 2 liters of solution per ton for silo maize and 4 liters of ready-to-use solution per ton for CCM, reduced amounts of liquid are possible.
The amount of water required to dissolve the concentrate, depending on the dosage, can be found in the table.

The use of organic silage additives in maize silage is only recommended when silage and weather conditions are good, the harvest time is optimal and the compaction is optimal. In order to get the full effect, the silo must remain closed for 6 - 8 weeks.

Dosage per ton of silage (l / t)	Dosage per ton of CCM (l / t)	Amount of water for disolving concentrate (litre)
2,0	4,0	200
1,5	3,0	150
1,0	2,0	100
0,5	1,0	50
0,25	0,5	25
0,02	0,04	2

Note: It is easiest to first dissolve *BERGO® Lactosil Fresh* in a few liters of water and then to dilute it to the required amount.

Orientation values for determining the need for BERGO® Lactosil Fresh with different fresh mass yields (FM in dt/ha):

	maize silage					CCM	
yield (dt FM/ha)	350	400	450	500	550	120	150

1 bag (100 g)
BERGO® Lactosil Fresh sufficient for ...

	Maissilage					CCM	
hectares	2,8	2,5	2,2	2,0	1,8	4,0	3,25

According the EU Organic Basic Regulation VO (EU) 2018/848 and Annex III Part B of the Implementing Regulation VO (EU) 2021/1165 the use of "microorganisms" of functional group 1k as silage additives is in ecological/organic production permitted.

Product to improve the aerobic stability of the silage (durability under the influence of air).

Livestock-friendly concepts.
Healthy growth.
Ecological responsibility.
Economic success.

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