



DATA SHEET

LACTOSIL

Silage additive

Composition: freeze-dried viable cells of *Lactobacillus plantarum* strains. The strains are notified to European Food Safety Authority (EFSA) in compliance with art. 10 of Reg. n. 1831/2003/EC. The strains are not GMO.

Excipient: F.U. Lactose

Specific formulations for inoculating silages of: grass forages, alfalfa, corn, maize meals, as pointed out on the label of each product.

Appearance of the product: white-ochre powder.

Packaging : aluminium-polythene sealed envelope. Net weight 100 grams. Cardboard box with four envelopes inside. Lot number, and production date, and shelf-life, are showed by each envelope.

Cellular concentration : lowest warranted cellular concentration till 18th months of shelflife: 250 billions of CFU g⁻¹.

Conservation temperature : keep the sealed envelopes at 1 - 4 °C.

Shelf-life: at least 18 months from the production date provided that the conservation temperature is 1-4 °C.

Expiry date: see the production date stamped on the packaging.

Application: starter (inoculum) for controlled silage fermentation.

Use: dissolve the contents of one envelope in 10-100 or more liters of tap water, then uniformly spread the solution within the ensiling forage at harvest time or during the filling of the silo.

In order to achieve an optimal fermentation it is important to evenly distribute the product within the ensiled forage, and quickly press the forage and seal the silo. Keep unchanged the usual ensiling technique.

When an envelope is open, its contents is to be used within 24 h.

Recommended dosage: one envelope (100 g) each 25000 to 50000 Kg (25-50 tons) of silage according to the forage type and its characteristics (dry matter – fermentable sugars – buffer capacity).

Impurities

Coliforms	< 10 c.f.u g
Yeasts and moulds	<10 c.f.u. g
Listeria monocytogenes	Absent in 25 g

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