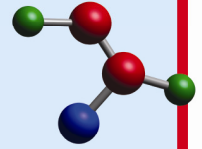




PRODUCT SPECIFICATIONS



Kemin AgriFoods North America, Inc. • 2100 Maury Street • Des Moines, Iowa, USA 50317-1100 • tel: 515-559-5100 • fax: 515-559-5232 • www.Kemin.com

Kem LAC[®] brand Water Soluble Silage Inoculant

DESCRIPTION

A concentrated source of microorganisms beneficial to silage fermentation.

INGREDIENTS

Maltodextrin, *Lactobacillus plantarum*, *Lactobacillus acidophilus*, *Lactobacillus bulgaricus*, Sodium Silico Aluminate, Sodium Thiosulfate, and FD&C Blue No. 1.

DIRECTIONS

Mix one canister of product into the appropriate volume of water for your applicator.

125 g canister: One canister treats 50 tons (45 tonnes) of silage at 150,000 cfu per gram of silage.

500 g canister: One canister treats 200 tons (180 tonnes) of silage at 150,000 cfu per gram of silage.

Small grain silage or high moisture grain may require a 1.5 times application rate.
Ensile only at recommended levels:

Crop	Ensiling Moisture
Alfalfa & other legumes	50 – 65%*
Grass	60 – 70%
Whole plant corn	60 – 65%
Whole plant sorghum	60 – 65%
Oatlage**	55 – 70%*
Small grains**	55 – 70%*
Ground shelled corn**	26 – 32%
Ground ear corn**	26 – 32%
Ground milo**	26 – 32%

* Below 60% moisture, additional Kem LAC may be required.

** Use 50% more Kem LAC mixture.

For best results, prepare mixture 2 to 3 hours before use. Apply solution evenly over silage as it is harvested or ensiled. Always add Kem LAC to at least one-half tank of fresh water while filling. It will be helpful to pre-mix the product into a portion of water in a separate container and shake vigorously to make sure it is completely dissolved.

STORAGE

For best results, use this product by the “Best Used By” date found on the lid. Store in a cool, dry place for maximum stability. Keep container closed when not in use. Contaminated mixing or applicator containers may kill the *Lactobacillus* organisms.

QUALITY SPECIFICATIONS	
Guaranteed analysis	55 billion cfu/g (25 trillion cfu/lb) lactic acid bacteria (<i>Lactobacillus plantarum</i> , <i>Lactobacillus acidophilus</i> and <i>Lactobacillus bulgaricus</i>)
Residue	Less than 5% (20 mesh screen)
TYPICAL CHARACTERISTICS	
Flowability	Good
Color	Off-white to light orange
Odor	Bland
Bulk Density	42 – 48 lb/ft ³