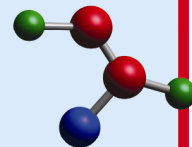




PRODUCT SPECIFICATIONS



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Kem LAC® brand HD 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 500 gram canister of product into the appropriate amount of water for your applicator. One canister treats 500 tons (450 tonnes) of silage at 150,000 cfu/g of silage or 335 tons of whole grain silage or earlage at 225,000 cfu/g. Small grain silage or high moisture grain may require a 1.5 times application rate. Ensile only at recommended moisture 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 HD 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	136 billion cfu/g (61 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	0.55 – 0.65 g/cm ³