

## Specification sheet



Premixture of silage additives for the preservation of all forages intended for all animal species.

This pre-mixture of silage inoculants may be used in organic production (EU Regulation 889/2008 as amended).

## PHYSICAL PROPERTIES

### APPEARANCE:

- Water dispersible white-grey powder

## GUARANTEED CONTENT

### CONCENTRATION

<i>Lactobacillus plantarum</i> CNCM I-3235 (1k20717)	$\geq 1.00 \times 10^{11}$ CFU*/g
<i>Pediococcus pentosaceus</i> NCIMB 12455 (1k2106)	$\geq 4.00 \times 10^{10}$ CFU*/g
<i>Pediococcus acidilactici</i> CNCM I-3237(1k21009)	$\geq 4.00 \times 10^{10}$ CFU*/g
<i>Propionibacterium acidipropionici</i> CNCM MA 26/4U (1k2111)	$\geq 2.00 \times 10^{10}$ CFU*/g
Alpha-amylase (EC 3.2.1.1) from <i>Bacillus amyloliquefaciens</i> SD 80 (1k)	$\geq 3600$ BAU
Cellulase (EC 3.2.1.4) from <i>Trichoderma longibrachiatum</i> ATCC 74252 (1k)	$\geq 60$ CMCU
Beta-glucanase (EC 3.2.1.6) from <i>Aspergillus niger</i> MUCL 39199 (1k)	$\geq 1000$ IU
Xylanase (EC 3.2.1.8) from <i>Trichoderma longibrachiatum</i> MUCL 39203 (1k)	$\geq 1500$ IU
Organic sucrose, Colloidal Silica	up to 250g

\* Colony Forming Units

## SHELF LIFE\*\*

18 months from date of manufacture in its original packaging.

\*\* keep in a cool and dry place.

## DIRECTIONS FOR USE

Sil-All4x4+ is used at 5 g/t of fresh forage. One sachet treats 50 t of fresh forage. Mix content of sachet (250 g powder) in 5 L of clean water at ambient temperature.

Dilute to 100 L\*\*\* with water at ambient temperature. Apply with a sprayer at 2 L/t forage.

\*\*\*The required dilution may vary depending on the intended application, consult your technician before use.

## HEALTH & SAFETY

It is recommended to use breathing protection and gloves during handling.

## PACKAGING MATERIAL AND SIZES

Aluminium/polyethylene sachets containing 250g of powder Sil-All 4x4+.  
Cardboard boxes containing 4 sachets.

SilAll4X4+\_PDS\_ENG\_0915

Danstar Ferment A. G.,

Email : [EnquiriesSil-All@danstar.com](mailto:EnquiriesSil-All@danstar.com)

Forage inoculant & preservative