

With Sil-All HAY+,  
you always *win*

NON  
CORROSIVE  
FORMULA  
**NO  
ODOUR**



**SIL-ALL**  
HAY +

PROTECT YOUR INVESTMENT



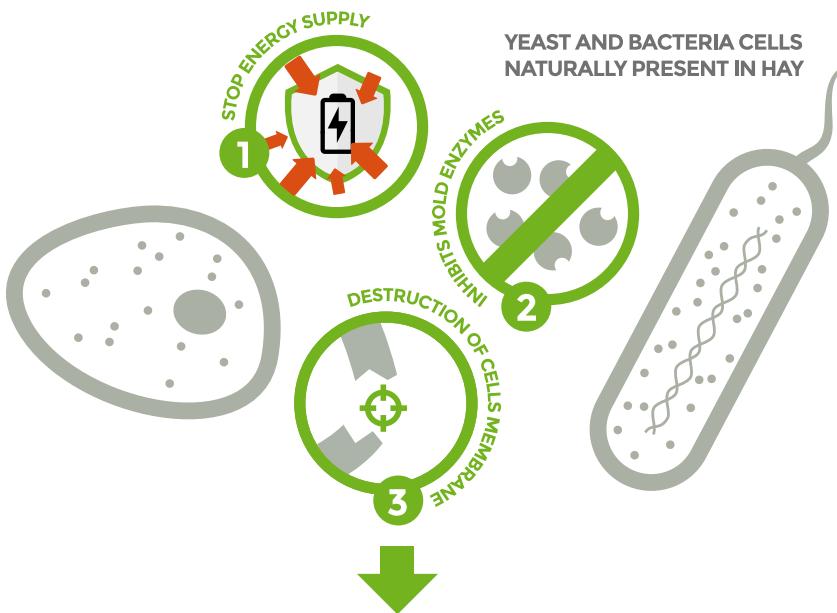
# What are the *main challenges* around making hay?

The largest issue in making hay is being able to effectively dry the hay to **below 15% moisture content** in order to naturally preserve the hay.



# How does Sil-All Hay+ work and what are its *benefits*?

## A TRIPLE ACTION AGAINST SPOILAGE ORGANISMS



### REDUCED YEAST AND MOLD ACTIVITY

- + DM PROTECTION
- + ENERGY CONSERVANCY
- + REDUCED HEATING
- + DECREASE RISK OF TOXIN FORMATION

Sil-All Hay+ is a combination of 3 broad spectrum preservatives.

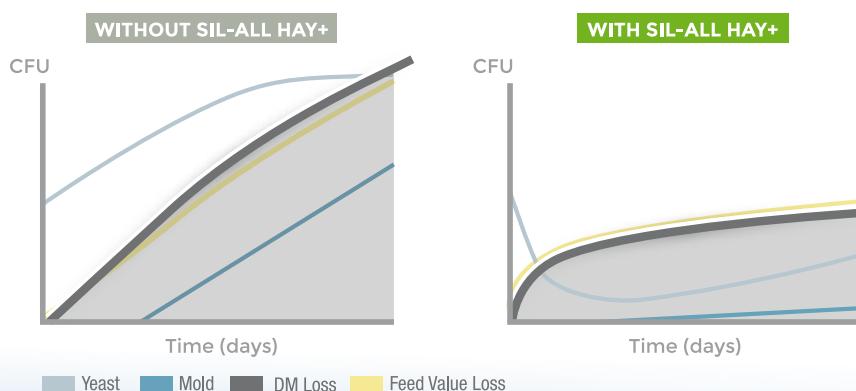
The modes of action of the 3 preservatives on yeast and mold differ:

- 1. Potassium sorbate**  
stops the spoilage organisms energy supply.
- 2. Sodium benzoate**  
inhibits important yeast and mold enzymes.
- 3. Sodium propionate**  
damages the yeast and mold cell membranes.

As the Sil-All Hay+ solution equilibrates through the bale it comes into contact with the spoilage organisms, killing them on contact.

**The balanced ratio of Sil-All Hay+ has been developed to give optimal efficacy and potency.**

## SIL-ALL HAY+ SIGNIFICANTLY PRESERVES FEED VALUE BY REDUCING SPOILAGE



Sil-All Hay+ actively reduces yeast and mould activity to preserve DM and Feed Value of your hay.



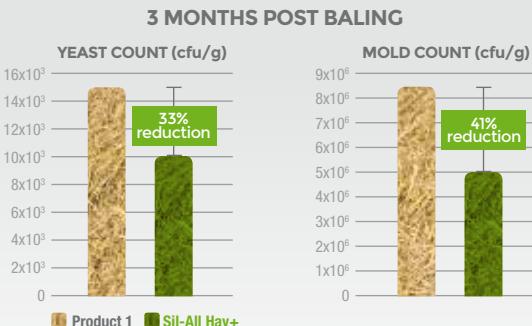
# TRIAL RESULTS

## REDUCTION OF SPOILAGE DURING STORAGE ON THE SHORT AND LONG TERM

Location: Field trial, Melbourne, Australia 2013



Location: Field trial, Melbourne, Australia 2013



Sil-All Hay+ reduces spoilage during storage with a reduction of 90% of yeast and mold after a few days and with about 35% after 3 months of baling.

## A BETTER CONTROLLED TEMPERATURE

Location: University of Szeged, Hungary 2014

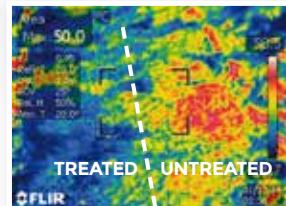


From these results it can be concluded that 80% DM Lucerne treated with Sil-All Hay+ can produce better quality of hay than the non-treated Lucerne.

## LESS VISIBLE HEATING

Location: On farm assessment, Victoria, Australia 2013

On this trial, half of the bale has been treated with Sil-All Hay+. Nothing was applied on the other half. After 2 months the bale was unrolled and photographed with thermal imagery.



Sil-All Hay+ treatment controlled visible (and thermal) yeast appearance, with the treated side of the bale being over 25°C cooler than the untreated hay.

Distributed by:

EU approved (EC N°1831/2003) – Premixture of silage additives for use in all forages and all animal species with the potential to improve the production of silage and increase aerobic stability.  
Not all products are available in all markets nor associated claims allowed in all regions.

enquiries@sil-all.com  
www.sil-all.com

**SIL-ALL**  
**HAY+**  
PROTECT YOUR INVESTMENT