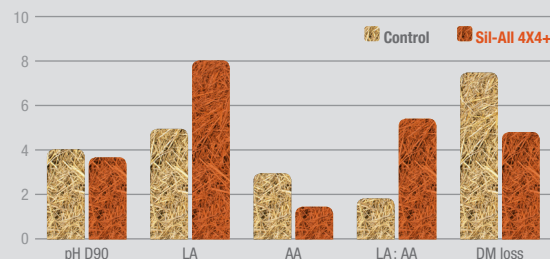


## TRIAL RESULTS

### 37% DM GRASS SILAGE

Location: Landwirtschaftskammer Schleswig Holstein, Germany 2014

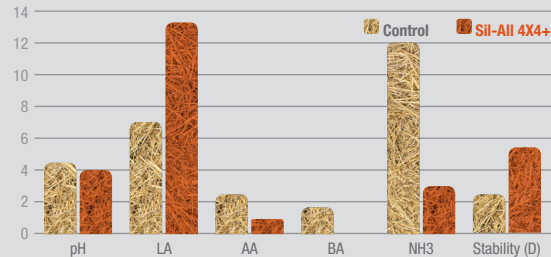


Statistically ( $p < 0.05$ ):

- + Lower pH better preservation
- + Higher LA : AA (faster fermentation)
- + Higher Lactic Acid
- + Lower DM Loss

### 35% DM GRASS SILAGE

Location: Landwirtschaftskammer Schleswig Holstein, Germany 2014

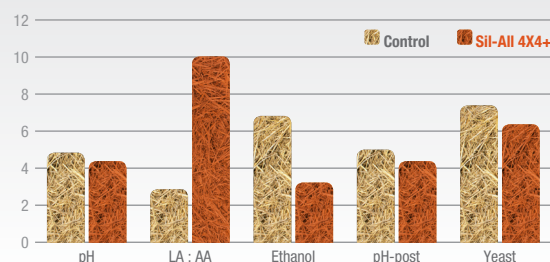


Statistically ( $p < 0.05$ ):

- + Lower pH
- + Higher LA : AA (faster fermentation)
- + Lower Butyric Acid (less spoilage)
- + Lower Ammonia (more protein protected)
- + Longer stability (extra 2,8 Days)

### 58% DM GRASS SILAGE

Location: Department of Animal Nutrition, University of Krakow, Poland 2014

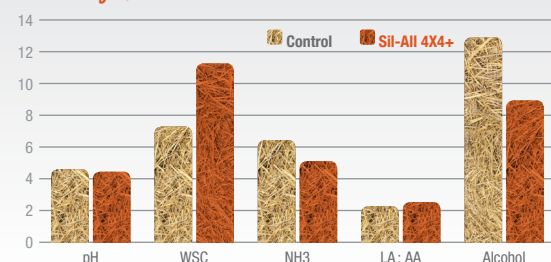


Statistically ( $p < 0.05$ ):

- + Lower pH
- + Higher LA : AA (faster fermentation)
- + Lower Ethanol production (less yeast development)
- + Greater stability at feed out (lower pH after opening)
- + Lower Yeast Activity at feedout

### 33% DM LUCERNE

Location: Department of Animal Nutrition, University of Krakow, Poland 2014



Statistically ( $p < 0.05$ ):

- + Lower pH which highlights a better preservation
- + Higher LA : AA (faster fermentation)
- + Lower alcohol and ammonia production (less yeast development and better protected proteins)

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. The use of Sil-All 4X4+ is not a substitute for good management practices. 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**  
**4x4 +**  
FEWER LOSSES, MORE GAINS

Sil-All 4X4+,  
for performance  
on *all roads*

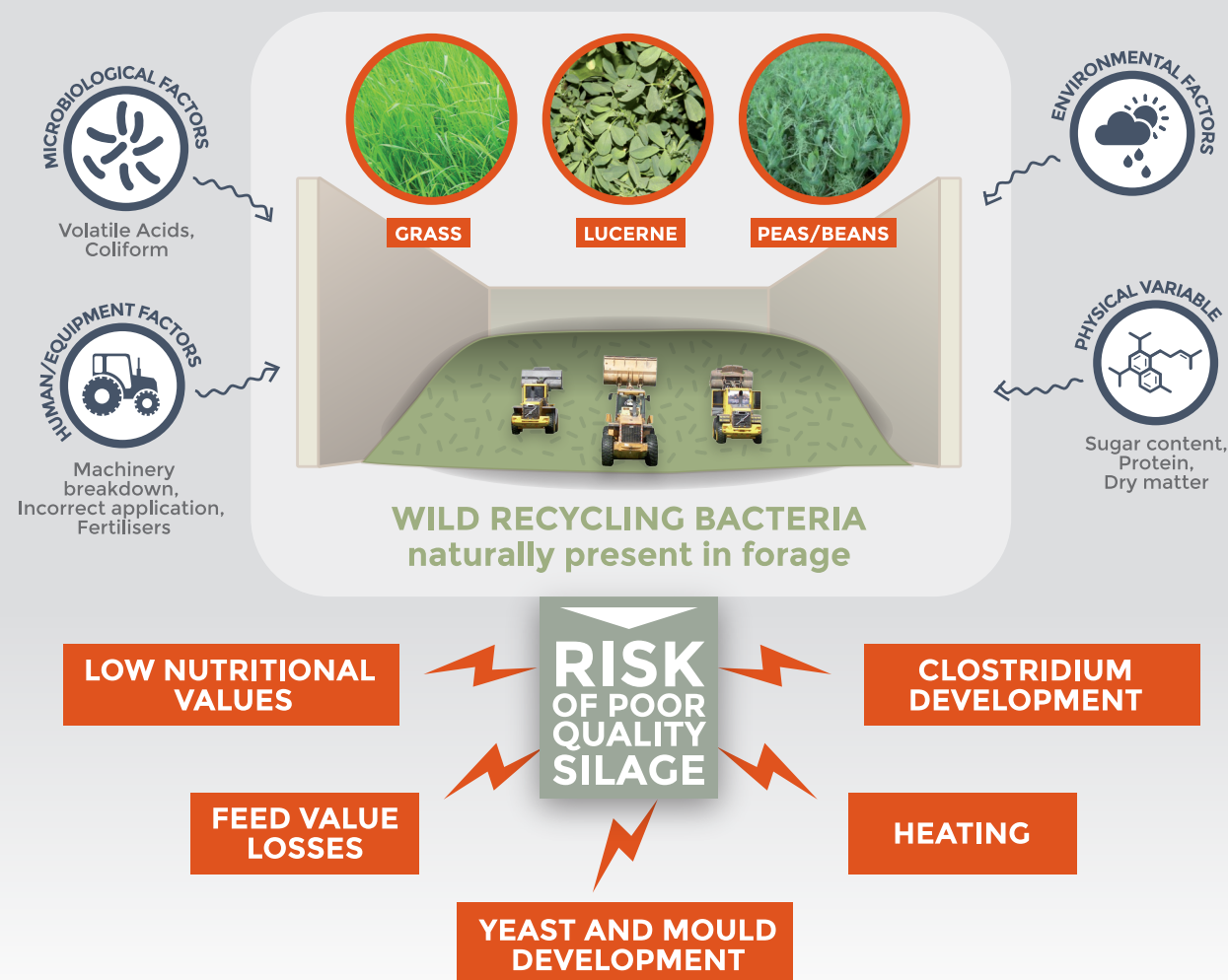


SL4x4+\_4P\_UJ\_Eng\_2014  
Una Via - www.unavia.fr © shutterstock.

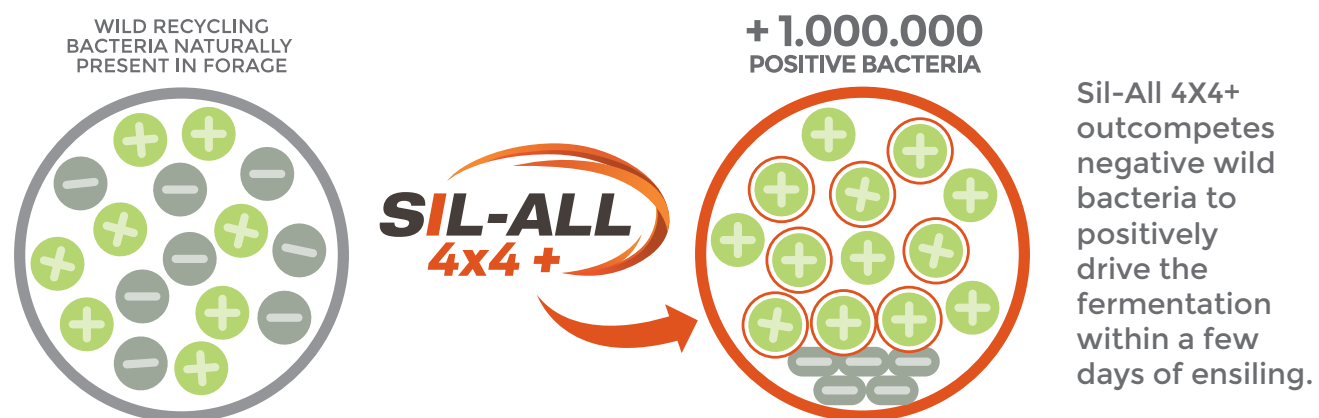
**SIL-ALL**  
**4x4 +**  
FEWER LOSSES, MORE GAINS



What are the *risks* if I do not treat my forage?

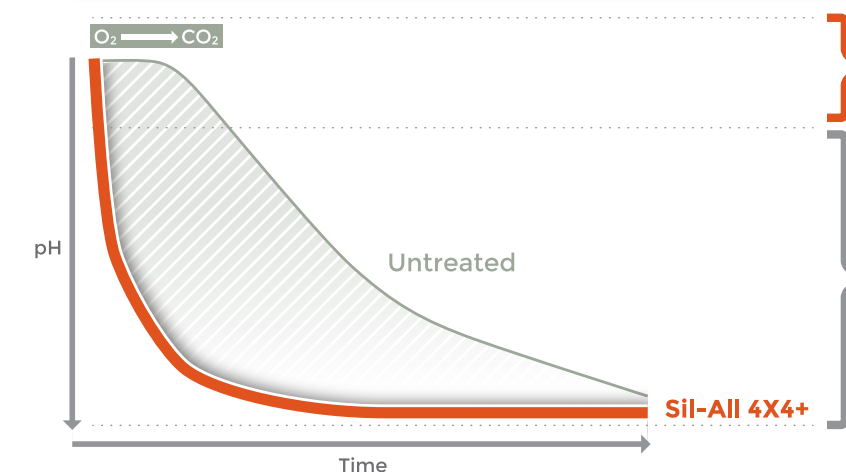


How does Sil-All 4X4+ improve the *fermentation process*?



What are the key *benefits* of Sil-All 4X4+ on my silage?

### 1+ FASTER FERMENTATION FOR A BETTER PRESERVATION

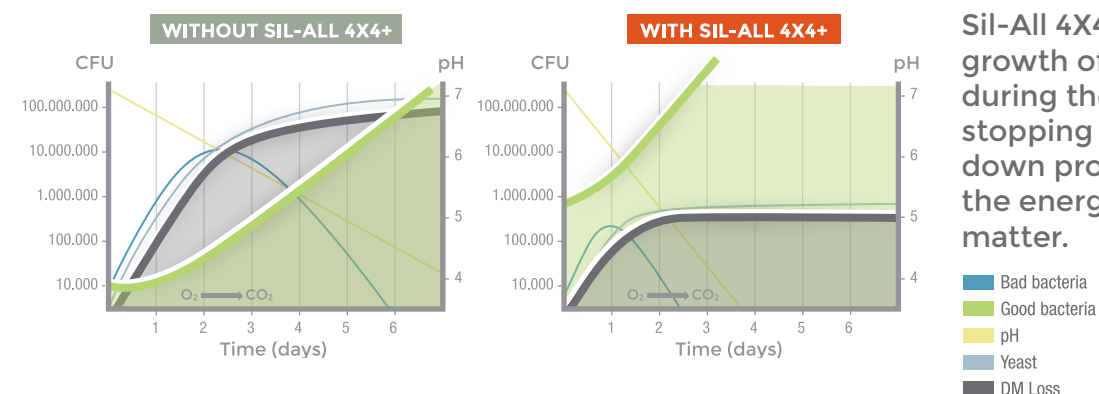


Rapid conversion of oxygen facilitates fastest possible fermentation

Fast Fermentation rapidly inhibits spoilage organisms, protecting more:

- + Dry Matter
- + Energy
- + Protein
- + Digestibility
- + Milk Potential
- + Meat Potential

### 2+ INHIBITION OF SPOILAGE ORGANISMS



Sil-All 4X4+ restricts the growth of bad organisms during the fermentation, stopping them breaking down protein and using the energy and dry matter.

### 3+ LESS NUTRITIONAL SPOILAGE TO MAXIMIZE PRODUCTION POTENTIAL



The Sil-All 4X4+ homolactic fermentation converts sugar directly to lactic acid, minimizing DM loss. Fermentation is dominated by desirable lactic acid, producing highly palatable, nutritious silage.

Silage quality does not only impact feed value, it is also directly linked to animal health and welfare.