

Nutritech Silage Inoculant

BIO-SIL® silage inoculant from Nutritech

BIO-SIL is formulated with ingredients that maximise the storage and feeding characteristics of silage. Treating the pasture or crop with **BIO-SIL** provides billions of additional lactic acid producing bacteria which have been specially selected to convert plant sugars more efficiently. This leads to a faster and better fermentation, lower dry matter losses and silage that is more palatable and more nutritious to the cow.

BIO-SIL maximises the fermentation by combining a specially selected team of 6 bacterial strains with a complex of 4 sugar releasing enzymes. This combination makes **BIO-SIL** an excellent inoculant for all types of silage including grass, lucerne, whole crop cereals and maize.

Six bacterial strains:

BIO-SIL contains a combination of six bacterial strains:

- *Enterococcus faecium* strain M74
- *Pediococcus acidilactici* strain P6
- *Pediococcus acidilactici* strain P11
- *Lactobacillus plantarum* strain LS1
- *Lactobacillus plantarum* strain L-256
- *Lactococcus lactis* strain SR 3.54

This unique team of powerful bacteria thrive across a wide range of pH and multiply quickly to produce more lactic acid, leading to a faster drop in pH for enhanced silage quality, storage ability and palatability – especially under difficult ensiling conditions.

Four enzymes:

BIO-SIL contains a complex of specially selected enzymes including cellulase, amylase, xylanase, and glucanase. These enzymes unlock the indigestible plant cell walls to release more sugars to fuel the lactic acid producing bacteria to drive the ensiling process faster to the optimal pH level for stable quality silage.

Benefits of using **BIO-SIL**:

- Improved animal performance
- Reduced dry matter losses - more silage to feed out for every tonne cut
- More palatable silage - better silage intake, less wastage
- Improved silage quality - faster fermentation, improved digestibility and nutritional value
- Reduced risk under adverse conditions - good quality silage can be made in a wider range of climatic conditions
- High Pay back ratio - The value of the reduced losses and improved animal performance with **BIO-SIL** inoculated silage is typically worth at least three times the cost of **BIO-SIL** itself - even more where high performing livestock and well-made silage are used.
- The Nutritech team of local area managers has a long history of providing excellent customer service and technical support for all silage customers, working together to drive on-farm profitability.
- Made fresh in New Zealand by Nutritech for every customer.
- Patented formulations - for excellent distribution through your silage every time.
- Available in both granular and water soluble formations.
- Reliable results - you can trust **BIO-SIL** and Nutritech.



UTRITECH
Performance Nutrition

New Zealand owned and operated since 1915.

Customer service 0800 736 339

www.nutritech.co.nz