BIOTAL supersile

Delivering well preserved digestible silage from lower dry matter grass

Unleashing the value of your forage
When faced with lower dry matter grass, achieving a rapid and stable fermentation can be a real challenge. To meet this challenge you need to achieve a larger drop in pH to deliver the necessary quality fermentation.

**supersile** is specifically formulated for lower dry matter crops, combining a unique combination of bacterial strains with patented enzymes to help fuel the fermentation.

The result - higher quality, more productive silage.

**Elite bacterial strains**

**supersile** contains two complementary strains of lactic acid bacteria that work in combination to produce a rapid drop in pH. This ensures a minimal loss of nutritional value and maximum protection from spoilage. This rapid pH drop cannot be achieved by any single strain in isolation.

With wet grass forage, it is vital to achieve a rapid and deep fermentation to achieve stability. This will not always happen without the use of an inoculant formulated specifically for low dry matter grass such as **supersile**.

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**Graph 1:** The synergy of 2 selected strains for fast and effective acidification

- Control
- L. plantarum MA 18/5U
- P. pentosaceus 12455
- **supersile** (combo)

**Graph 2:** Faster and deeper pH drop

- Control
- **supersile**

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[www.biotal.co.uk](http://www.biotal.co.uk)
**Patented Enzyme Package**

To produce sufficient lactic acid to preserve low dry matter silage approximately 3% sugar (fresh weight) is required. The majority of sugar in forage is bound up in complex carbohydrates and is not normally available to acid producing bacteria. **supersile** includes a patented enzyme package that breaks down carbohydrates to release these sugars. This ensures a sufficient sugar level is available for use by the elite microbes in **supersile** to produce a rapid and efficient fermentation.

The result is a well preserved wet grass silage with a higher retention of true protein.

**Unique HC Technology**

**supersile** is manufactured using our patented HC formulation technology which ensures a more consistently mixed inoculant which retains an effective concentration of bacteria for longer leading to a more even application on the crop.
Biotals fully researched, registered, globally proven and specific forage inoculants come with the most comprehensive technical support services available to help you get the most from your forage, including:

- Training for contractors or farm staff to ensure best practice use of inoculants
- Advice on cutting date and inoculant choice to help achieve the best fermentation
- Pre-cut grass testing to identify any potential issues that could affect forage quality
- Advice on how to achieve the most effective fermentation
- Forage analysis and review of silage making to identify improvement opportunities

**Together Biotals unequalled technical support and crop and condition specific inoculants can help you produce forage that delivers better performance.**