

MAGNIVA

PLATINUM GRASS-DRY



**FOR HIGH DRY
MATTER GRASS
SILAGE**

Powered by *L. hilgardii* CNCM I-4785
and *L. buchneri* NCIMB 40788



LALLEMAND ANIMAL NUTRITION ■ SPECIFIC FOR YOUR SUCCESS

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TAKE CONTROL OF SILAGE QUALITY WITH MAGNIVA PLATINUM GRASS DRY

SETTING NEW STANDARDS IN FERMENTATION AND AEROBIC STABILITY

Achieving a fast and efficient fermentation and a silage which is aerobically stable when opened are vital if you want to produce more, high quality grass silage to let you take control of forage and feed costs.

Formulated specifically for the challenge of high dry matter grass silage, **MAGNIVA PLATINUM GRASS DRY** contains a unique combination of proven bacteria which combined with enzymes will ensure:

- A stable clamp which can be opened earlier
- Increased aerobic stability after opening
- More silage to feed due to lower dry matter losses
- Less heating so increased feed value
- Reduced contamination with yeast and moulds
- Improved fibre digestion

Containing both homofermentative and heterofermentative bacteria helps ensure faster preservation when clamped while helping prevent heating and spoilage when the clamp is opened. Our powerful combination of enzymes increases the digestibility of fibre and also releases more sugars to fuel the fermentation.

***L. HILGARDII* CNCM I-4785 and *L. BUCHNERI* NCIMB 40788: BETTER TOGETHER**

Our patented combination of the newly identified strain *L. hilgardii* and the extensively proven *L. buchneri* work better together to deliver outstanding results with excellent aerobic stability after just 15 days and superior long term aerobic stability.

Together this means you can open clamps much quicker than the usual 60 days, allowing your grass silage to be included in the diet sooner. Once the clamp is opened you won't see high levels of mould that normally lead to high levels of waste, lower feed values and reduced palatability.

Our unique and specifically selected bacterial strains have different attributes and together they work in perfect synergy to deliver exceptional results.

| STRAIN | BENEFITS |
|--|--|
| <i>L. hilgardii</i> CNCM I-4785 | Improved aerobic stability after just 15 days of ensiling, allowing clamps to be opened sooner |
| <i>L. buchneri</i> NCIMB 40788 | The gold standard for increasing aerobic stability after 60 days |
| <i>P. pentosaceus</i> NCIMB 12455 | Drives the initial fermentation ensuring good acidification and well preserved silage |
| <i>L. buchneri</i> & <i>L. hilgardii</i> together | Outstanding season long aerobic stability |

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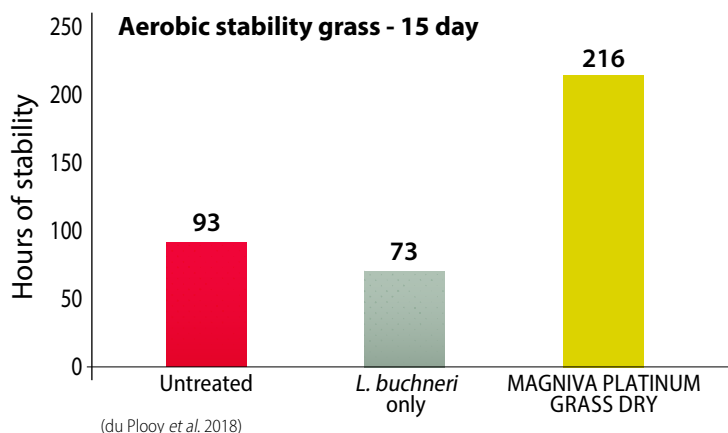
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FLEXIBLE CLAMP OPENING

The rapid and efficient fermentation achieved by **MAGNIVA PLATINUM GRASS DRY** will provide stability when forced to open early

By inhibiting yeast and mould activity **MAGNIVA PLATINUM GRASS DRY** produces a more stable silage even when clamps are opened after just 15 days.

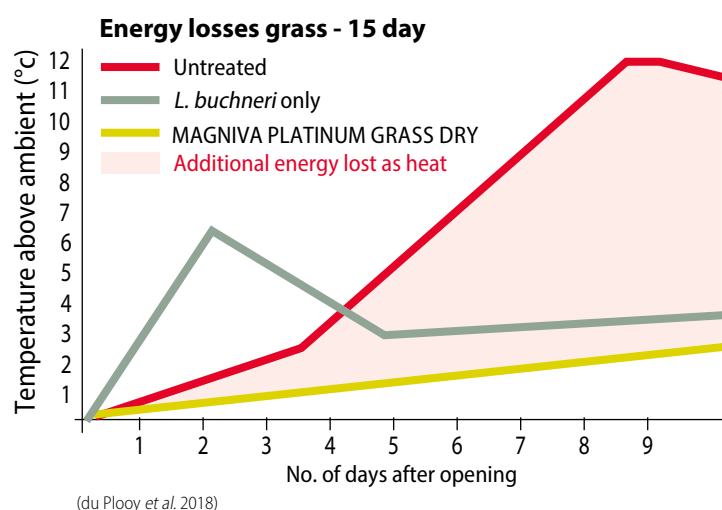


INCREASED AEROBIC STABILITY AND ENERGY RETENTION

When a clamp is unstable and begins to heat, the energy generated is wasted. The potential losses can be very significant.

MAGNIVA PLATINUM GRASS DRY significantly reduces heating in early opened silage clamps, compared to untreated clamps or clamps treated with *L. buchneri* alone. It reduces energy loss by at least 110MJ per tonne DM of silage affected.

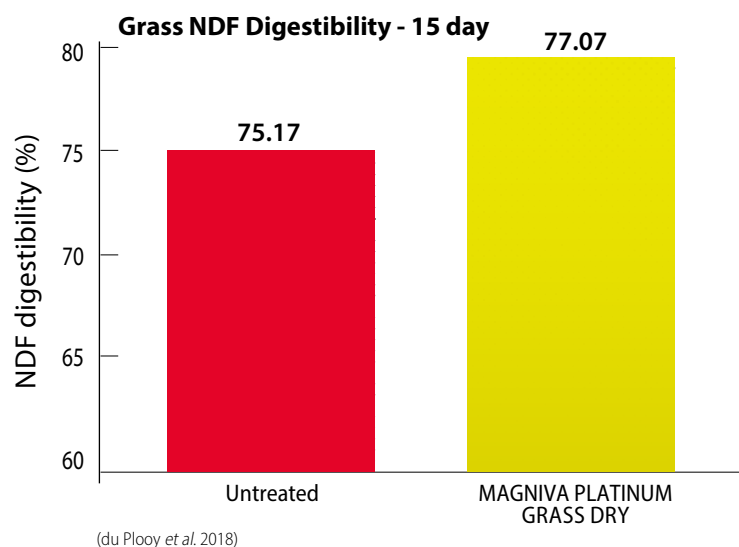
If heating affects 1000 tonnes of silage fresh weight, this would amount to around 7800 litres of milk potential.



HIGHER QUALITY SILAGE

Grass silage treated with **MAGNIVA PLATINUM GRASS DRY** has improved NDF digestibility when compared with untreated silage.

Each 1% increase in NDFd has been shown to increase dry matter intakes by 0.17kg and milk yield by 0.25kg. By increasing NDFd by 1.86% **MAGNIVA PLATINUM GRASS DRY** has the potential to increase dry matter intake by 0.32kgs and yields by 0.46kg.



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MAGNIVA INOCULANTS WITH HC TECHNOLOGY



For ease and accuracy of application, **MAGNIVA** forage inoculants are formulated using Lallemand Animal Nutrition's patented HC technology, giving a more concentrated inoculant with big benefits:

- Highly soluble
- Easier and faster mixing
- Faster refilling in the field
- More consistent mix and no sedimentation problem
- Even application to the crop for more consistent silage
- Suitable for low volume applicators



WHEN YOU BUY MAGNIVA YOU GET MORE THAN JUST AN INOCULANT

MAGNIVA inoculants are fully researched, registered, globally proven and specifically formulated to meet the challenges of making high quality silage for today's high performing animals, building on the heritage and success of our BIOTAL brand. When you put your trust in **MAGNIVA** inoculants you get our world class support and the most comprehensive technical services.

- Lallemand Animal Nutrition are global leaders in the production of specific bacteria for silage production
- All our products are backed by extensive, independent research
- We only use bacteria we have fermented and packaged ourselves at our UK production facility with the highest standards of Quality Control and Assurance
- Our dedicated technical services team is at the forefront of implementing best practice in silage making, helping you take control with forage
- They offer support and tools for planning the production of quality silage:
 - Pre-cut grass testing to identify any potential issues that could affect silage quality
 - Advice on cutting date and inoculant choice to help achieve the best fermentation
 - Advice on how to achieve the most effective fermentation
 - Silage analysis and review of silage making to identify improvement opportunities
 - Training for contractors or farm staff on best practice inoculant use

Together our unequalled technical support and crop and condition specific inoculants will help you **take control with forage** based on our long heritage of working successfully with farmers.

Visit QualitySilage.com for more information.

MAGNIVA PLATINUM Grass Dry is available in 50 and 100 treated tonne sachets