

MAGNIVA PLATINUM 3

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



**FOR LOW SUGAR AND HIGH PROTEIN CONTENT
CROPS WITH HIGH FERMENTATION AND
AEROBIC STABILITY CHALLENGES**

TAKE CONTROL OF SILAGE QUALITY WITH **MAGNIVA PLATINUM 3**

DELIVERING UNRIVALED STABILITY AND FLEXIBILITY

High dry matter (DM) forages with low levels of readily fermentable sugars, or those that have high protein contents – such as low-sugar grasses and legumes – tend to be difficult to ferment quickly.

If not preserved efficiently, these types of forage are prone to DM and nutritional losses as well as aerobic stability challenges at opening.

MAGNIVA Platinum 3 contains enzymes plus two bacteria technologies, including the newly-patented *Lactobacillus hilgardii* CNCM I-4785 – a unique strain of bacteria – that works across a variety of forages and has been shown to significantly:



Lower pH



Reduce DM losses through less waste and heating



Reduce yeast and mold growth



Enhance feedout value

MAGNIVA PLATINUM 3: WHAT IT DOES

DRIVE FERMENTATION	ENHANCE NUTRITIONAL VALUE	IMPROVE FEEDOUT STABILITY	ACHIEVE FEEDOUT FLEXIBILITY	DESIGNED FOR
+++++	+++++	+++++	+++++	Grasses and legumes above 30% DM, with high aerobic stability challenges

MAGNIVA Platinum 3 – featuring two bacteria technologies plus enzymes – provides a fresh approach to forage management for crops such as grasses and legumes, helping to preserve silage quicker, prevent heating and spoilage, and increase digestibility.

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

ACTIVE INGREDIENTS	PRIMARY BENEFITS
<i>L. hilgardii</i> CNCM I-4785 75 000 CFU/g of forage <i>L. buchneri</i> NCIMB 40788 75 000 CFU/g of forage	In combination, <i>L. hilgardii</i> CNCM I-4785 and <i>L. buchneri</i> NCIMB 40788 improve aerobic stability after just 15 days fermentation – especially useful when feed stocks are in short supply – and significantly increase longer term stability. This combination reduces yeast and mold spoilage and dry matter losses.
<i>P. pentosaceus</i> NCIMB 12455 100 000 CFU/g of forage	Drives the initial fermentation, ensuring good acidification and well-preserved silage with maximum feed value.
β-Glucanase 5 750 IU/g of product EC 3.2.1.6 Xylanase 30 000 IU/g of product EC 3.2.1.8	Helps release sugars from the forage, ensuring a quick fermentation. Helps increase silage digestibility.

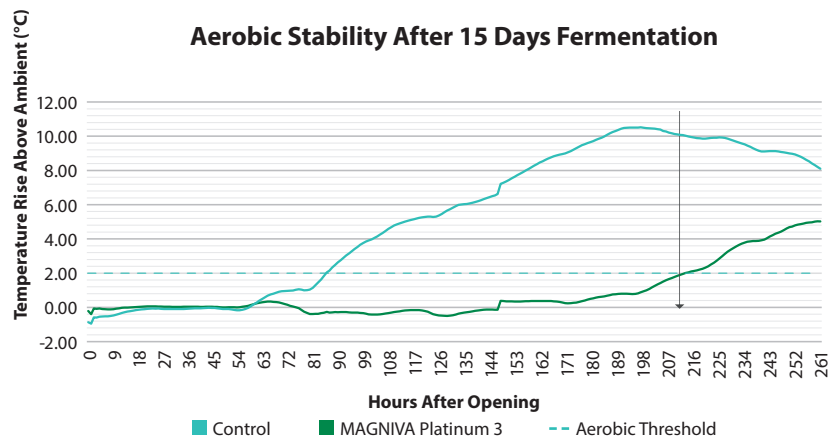


ACHIEVE AEROBIC STABILITY MORE QUICKLY

MAGNIVA Platinum 3 significantly improved aerobic stability of grass silage at 37% DM by 125 hours compared to the control. This reduces dry matter loss and ensures the feed value of the silage is maintained for feedout.

WHY IT MATTERS

Flexibility to open high quality silage sooner if inventories are short, avoiding unexpected feed costs.



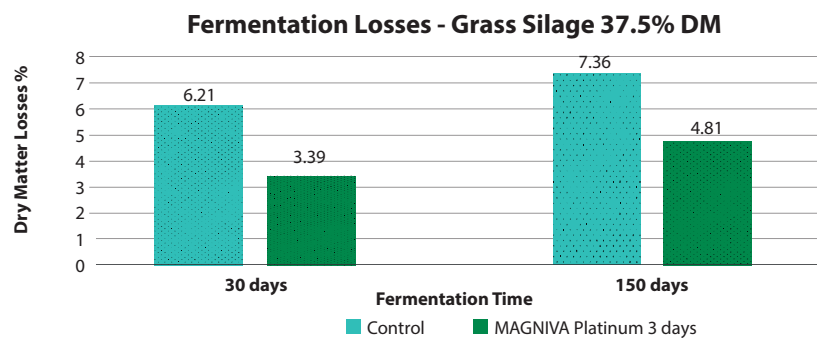
Du Plooy *et al*, Internal trial, UK

REDUCE DRY MATTER LOSS

MAGNIVA Platinum 3 quickly and efficiently preserves forage, ensuring minimal dry matter loss compared to the control at both 30 and 150 days.

WHY IT MATTERS

This results in more silage of better quality available to feed.



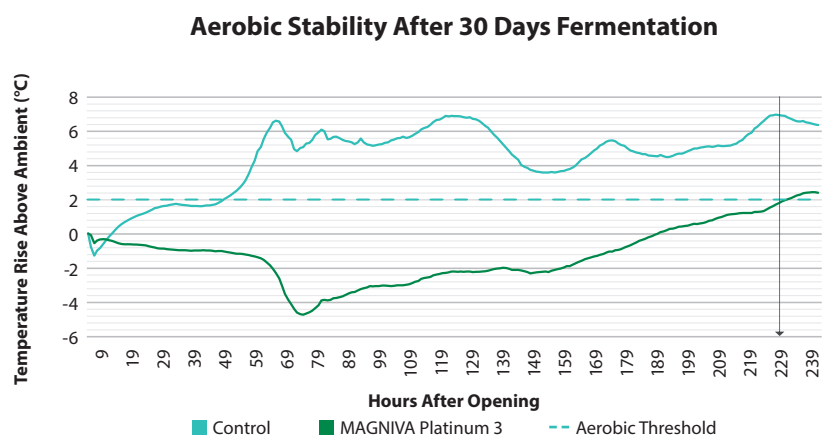
University of Turin, Italy

MAINTAIN AEROBIC STABILITY LONGER

Long-term stability is also greatly improved using **MAGNIVA Platinum 3**. After 30 days fermentation, aerobic stability increased to 229 hours, compared to 47 hours for the control.

WHY IT MATTERS

Silage will stay cooler longer when fed, helping cows maintain intake levels and milk production.



Du Plooy *et al*, Internal trial, UK

MAGNIVA PLATINUM 3: WITH HIGH CONCENTRATION TECHNOLOGY



To answer the needs of today's rapid harvests and ensure uniform application of the product, **MAGNIVA Platinum 3** contains High Concentration (HC) Technology, developed by Lallemand Animal Nutrition.

- Improved stability and suspension providing better homogeneity
- Highly soluble product for better mixing
- Approved technology for low volume applicators
- Ability to apply at variable liquid volumes



OUR GUARANTEE – WHAT IS ON THE LABEL IS INSIDE THE PACKAGE!

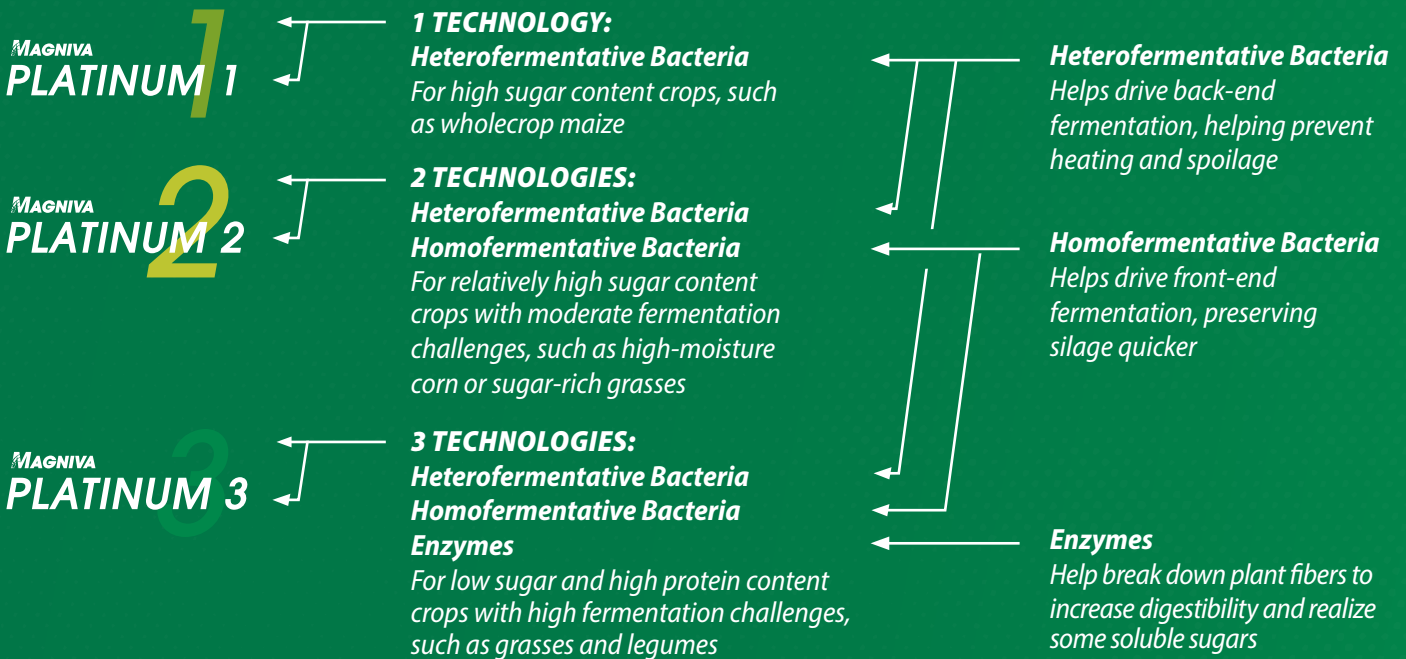
Lallemand Animal Nutrition's Quality Control is among the best in the world. We are a primary producer of forage inoculants and follow a strict total quality management system to ensure product purity, quality and viability.

For mixing instructions, please see label on product sachet. **MAGNIVA Platinum 3** will remain viable for 24 months from date of manufacture, in original packaging, when stored in a cool (optimal < 4°C) dry place.

MAGNIVA Platinum 3 is available in 100 gram sachets, which treats 50 tonnes of fresh forage, and 200 gram sachets, which treats 100 tonnes of fresh forage.

Visit www.QualitySilage.com for the latest information on silage management practices.

MAGNIVA PLATINUM FORAGE INOCULANTS ARE DESIGNED FOR HIGH DRY MATTER FORAGES WITH AEROBIC STABILITY CHALLENGES.



Always follow label directions: The use of any forage additive cannot be expected to overcome poor management. Proper storage and handling is important to forage inoculant performance. Products should be refrigerated, and the whole package should be used at one time.

Not all products are available in all markets nor associated claims allowed in all regions.

