

MAGNIVA[®] PLATINUM



BACTERIAL FORAGE INOCULANT SETTING NEW STANDARDS IN FERMENTATION AND AEROBIC STABILITY

Delivering Unrivalled Stability and Flexibility

Aerobically unstable silage produces significant amounts of heat from the uncontrolled growth of yeasts in the silage, leading to significant dry matter (DM) losses (up to 20%). The inhibition of yeast and other unwanted micro-organisms improves aerobic stability and stops forage heating, resulting in more hygienic and palatable silage.

NEW TECHNOLOGY

Bringing you the latest technology on the silage market

MAGNIVA[®] Platinum contains enzymes plus three 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 shown:

15 DAYS

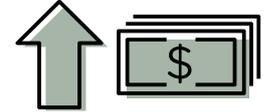
Significant improvements to feed out stability after 15 days



Lower pH



Reduce DM losses through less waste and heating



Enhance feedout value

MAGNIVA[®] Platinum: What It Does

DRIVE FERMENTATION	ENHANCE NUTRITIONAL VALUE	IMPROVE AEROBIC STABILITY	EARLY FEEDOUT	DESIGNED FOR
+++++	+++++	+++++	+++++	Improved fermentation efficiency and aerobic stability.

MAGNIVA[®] Platinum provides a fresh approach to forage management for crops such as maize, earlage, wholecrop cereal silage, sorghum and aerobically challenged legumes and grass. MAGNIVA[®] Platinum helps to preserve silage quicker, prevent heating and spoilage, and increase digestibility.

Lactobacillus hilgardii CNCM I-4785 and *Lactobacillus buchneri* NCIMB 40788: Better Together

ACTIVE INGREDIENTS	PRIMARY BENEFITS
<i>L. hilgardii</i> CNCM I-4785 150 000 CFU/g of forage <i>L. buchneri</i> NCIMB 40788 150 000 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 by producing three powerful anti-fungal compounds (acetic acid, propylene glycol and propionic acid).
<i>Pediococcus 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	An enzyme that helps release sugars from the forage, ensuring a quick fermentation.
Xylanase	An enzyme that helps increase silage digestibility.

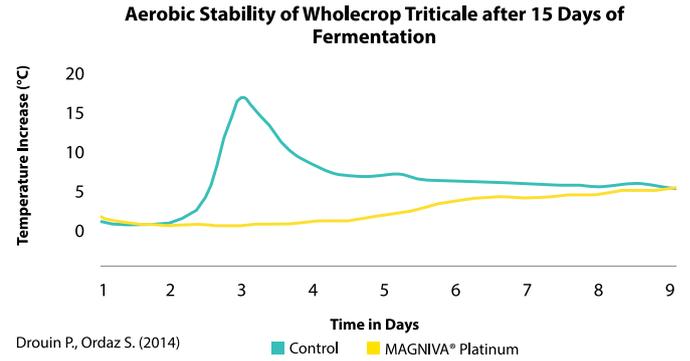


Achieve Aerobic Stability Faster

MAGNIVA® Platinum significantly improved aerobic stability of triticale silage at 40% DM by 115 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.

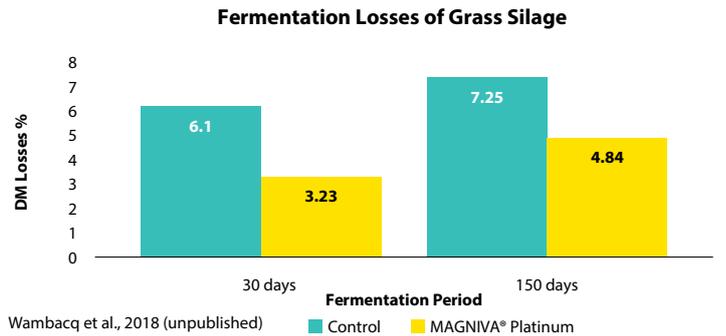


Reduce Dry Matter Loss

MAGNIVA® Platinum quickly and efficiently preserves forage, ensuring minimal DM 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.

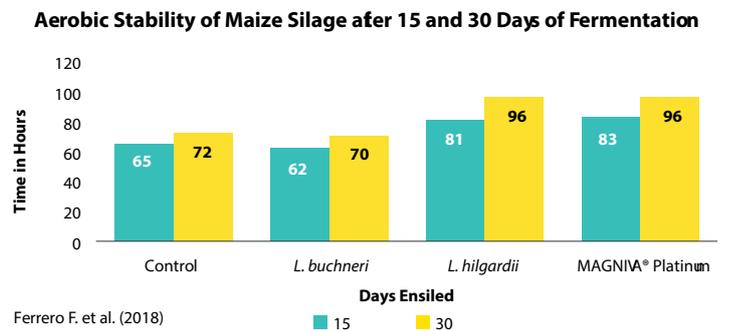


Maximise Aerobic Stability

MAGNIVA® Platinum improved the stability of maize silage by 18 hours, compared to the control sample, after just 15 days of fermentation. Stability further improved after 30 days, to 24 hours longer than the control.

Why it Matters

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



MAGNIVA® Platinum: With High Concentration Technology

To answer the needs of today's rapid harvests and ensure uniform application of the product.



For mixing instructions, please see label on product sachet.

MAGNIVA® Platinum 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 **Water Soluble** is available in 100 gram sachets, which treats 50 tonnes of fresh forage, and 500 gram sachets, which treats 250 tonnes of fresh forage.

MAGNIVA® Platinum **Double Strength Granular** 25 kilogram bag treats 100 tonnes of fresh forage.

MAGNIVA® Platinum **PDA** 20 kilogram bag treats 200 tonnes of fresh forage.