

MAGNIVA

CLASSIC



**FOR EASY TO
ENSILE GRASS
UP TO 26% DM**



LALLEMAND ANIMAL NUTRITION ■ SPECIFIC FOR YOUR SUCCESS
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TAKE CONTROL OF SILAGE QUALITY WITH MAGNIVA **CLASSIC**

A CLASSIC FORMULATION DESIGNED TO IMPROVE FERMENTATION

Achieving a fast and efficient fermentation is vital when making high quality grass silage to let you take control of forage and feed costs

Formulated specially for the challenges of grass harvested at low dry matters, typically below 26% DM, **MAGNIVA Classic** contains a unique combination of proven bacteria which combined with enzymes will ensure:

- The rapid pH drop required for a quality fermentation
- Excellent nutrient preservation for a high quality feed
- Increased fibre digestibility

Containing a combination of *homofermentative* bacteria helps ensure a rapid fermentation to maximise nutrient retention.

Low dry matter grass often has low contents of the sugars needed for an effective fermentation. Our powerful combination of enzymes can unlock the fibre fraction of the plant and release additional sugars not usually available to acid producing bacteria, so accelerating the fermentation.

The enzyme package present in **MAGNIVA Classic** also has the ability to improve the NDF digestibility of the grass which has been shown to improve milk yield.

COMPLEMENTARY BACTERIA STRAINS: BETTER TOGETHER

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

STRAIN	BENEFITS
<i>P. pentosaceus</i>	Drives the initial fermentation ensuring good acidification and well-preserved silage
<i>L. plantarum</i>	Continues to complete the fermentation quickly at lower pH levels
<i>P. pentosaceus</i> and <i>L. plantarum</i> together	Work in synergy to deliver a more rapid and stable fermentation

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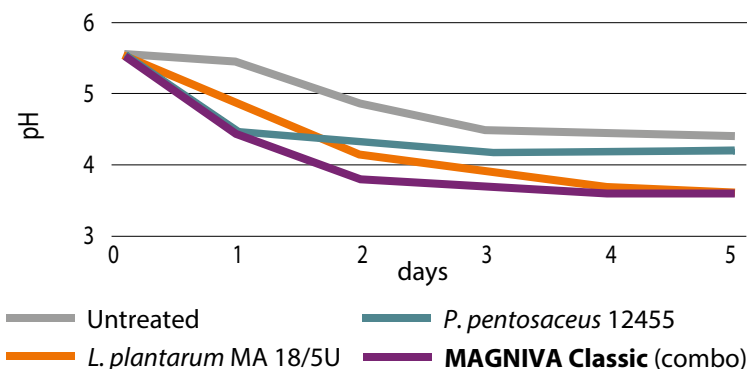
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ACHIEVE FASTER AND MORE EFFECTIVE ACIDIFICATION

The combination of bacteria in **MAGNIVA Classic** achieves a faster fermentation and more rapid pH fall than individual strains in isolation. Stopping the activity of spoilage organisms as soon as possible maximises dry matter and nutrient retention.

The synergy of two selected strains for fast and effective acidification

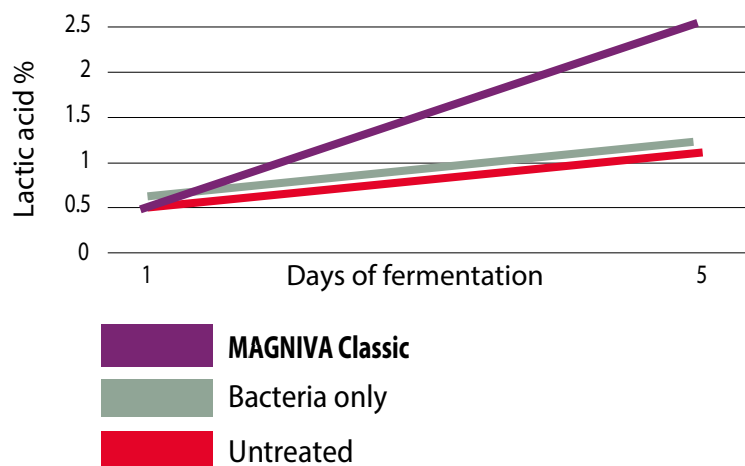


INCREASE LACTIC ACID PRODUCTION

The enzyme package in **MAGNIVA Classic** will immediately release sugars that can be used by the bacterial strains to drive a positive, lactic fermentation.

In low sugar grasses, a bacteria only approach does not produce a rapid fermentation due to the lack of available substrate.

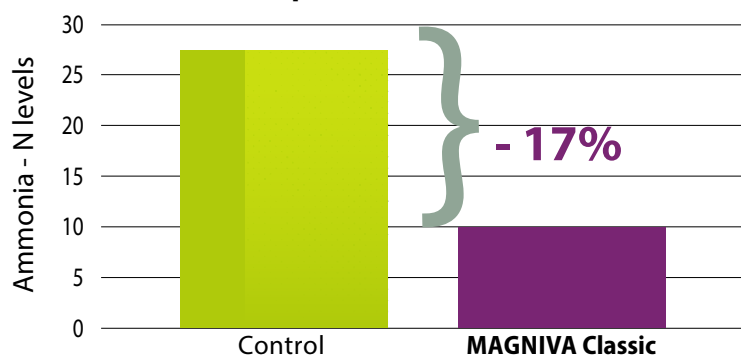
Lactic acid concentration during first five days of fermentation



BETTER QUALITY FEED AND MORE RETAINED NUTRIENTS

The faster and more efficient fermentation delivered by **MAGNIVA Classic** results in a stable fermentation and a well-preserved higher quality feed.

Less protein breakdown



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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:

- Suitable for low volume applicators
- 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



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 Classic is available in 25 and 100 treated tonne sachets