

**Data from field trials when using
Nutristore Gold M
Field test on 33 farms**

dry matter in % FM	34
pH	3.9
lactic acid % FM	1.5
acetic acid % FM	0.8
propanediol % FM	0.4
aerobic stability in days	5



Our Trials show:

- | | |
|-----|--|
| +5% | Reduction in losses due to higher stability on the cutting surface |
| +3% | Increase in energy density due to a improved availability of nutrients |

Application Rate:

Available in 200g which treats 20 tonnes

Dilute 10g powder in 2 ltr water & apply to 1 tonne

Available in 100g which treats 50 tonnes (*more concentrated product*)

Dilute 2g powder in 2 ltr water & apply to 1 tonne

For further details please contact Nutribio on 0214507303 or your local representative.

- | | | |
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Nutristore Gold M



Maize/Whole Crop Additive

Stability Extra

- Helps to inhibit the growth of moulds & yeasts.
- Produces Propionic Acid



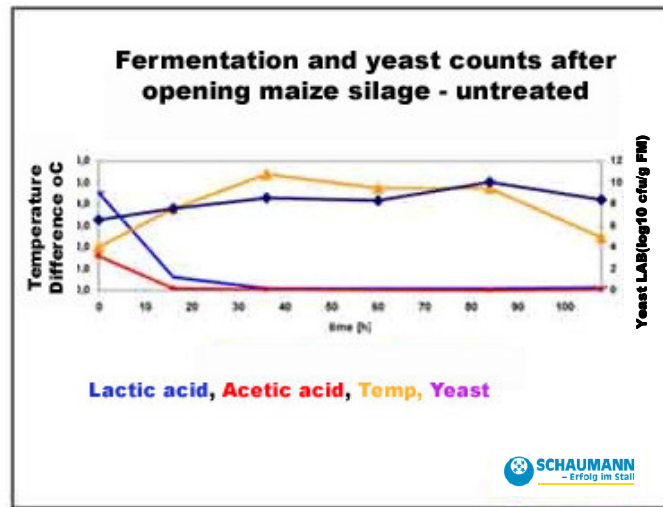
Nutrystore Gold M

Corn silage is recognised worldwide as a high quality winter feed for livestock. As a preserved forage it is attractive because of its quality and its capability of increasing (a) total forage intake (b) producing higher liveweight gains and (c) higher milk yields and higher milk protein.

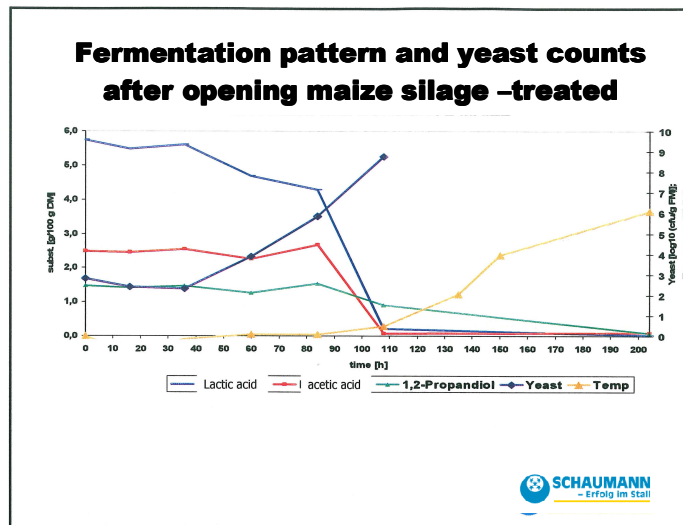
Harvesting:

The aim is to achieve a crop dry matter of 28% to 34% for maize & 40% for whole crop to maximise yield and digestibility. On squeezing grain at 30% dry matter it will appear like a soft to hard cheddar cheese. Harvest at 10 inches (25cm) high to avoid soil contamination. High dry matter crops are more susceptible to aerobic spoilage when exposed to air which encourages yeast and mould to grow. This results in spoilage and nutrient losses.

An additive must be effective to ensure long term stability nutrient density and digestibility. Nutribio's **Nutrystore Gold M** is formulated to do this. Dry matter losses through aerobic deterioration and wastage can be as high as 30%. As little as a 1% loss of forage dry matter lost in 500 tonne of maize can cost up to €120.00



Slide 1: Untreated Maize Silage



Slide 2: Treated Maize Silage

Nutrystore Gold M

Normal fermentation in Corn silage is dominated by an intense production of lactic acid and a high potential for aerobic instability.

NUTRISTORE GOLD M is a combination of hetero and homofermentative lactic acid bacteria especially formulated for maize along with a specific enzyme pack.

The very active and highly acid tolerant homofermentative lactic acid bacteria guarantee a rapid start of the fermentation process and keep the pH-value of the silage on a low level.

The heterofermentative lactic acid bacteria completes the fermentation process.

The final fermentation pattern guarantees high feed intake in addition to a high level of digestible energy.

The bacterial formulation produces a combination of lactic acid and acetic acid along with **propionic acid** (propcorn) which inhibits yeasts and mould growth when applied properly.

The enzyme pack in research raises the energy by 0.75MJ/kg = 4.5 units in D value or 10 units in DMD.