



# MEASURING SILAGE NUTRITIONAL VALUE THROUGH FORAGE AUDITS

Agri-Lloyd provide industry leading forage audit services as part of our science based approach to rumen health and nutrition. The analysis is conducted by our in-house Research and Development team and a full report is provided within 48 hours.



# OUR PRODUCT QUALITY IS INDEPENDENTLY ASSURED



**Agri-Lloyd International Ltd.**  
Glendower Road,  
Leominster, Herefordshire,  
HR6 0RL, United Kingdom

Telephone: 01568 610111  
Fax: 01568 610666  
Email: office@agrilloyd.com

**Agri-Lloyd Ireland Ltd.**  
Unit 1, Millennium  
Business Park, Finglas,  
Dublin 11, Ireland

Telephone: 01 864 9011  
Fax: 01 864 9019  
Email: officeireland@agrilloyd.com

# HM INOCULANT®

ALL CROP BACTERIAL  
SILAGE INOCULANT



**Agri • Lloyd**  
THE SECRET'S IN THE SCIENCE

**Agri • Lloyd**

# ALL CROP BACTERIAL SILAGE INOCULANT



HM Inoculant® supplies a concentrated and complex mix of three specifically selected strains of bacteria which function at different pH levels within the silage making process to give a more rapid and efficient fermentation process.

With 40 years of evolving technology, HM Inoculant® has been tried and tested by global institutions around the world. Over 30 independent trials show consistent improvements in silage quality and animal performance.

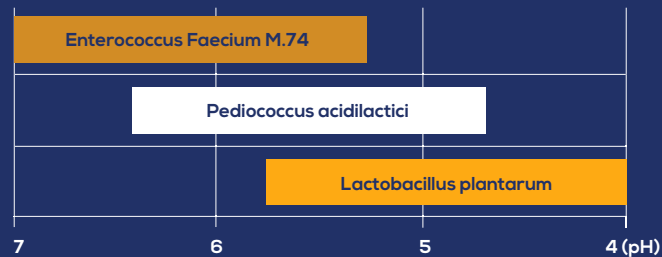
## WHAT CAN GO WRONG?

PROBLEM	CAUSE
<ul style="list-style-type: none"> <li>Rancid, fishy odour, slimy sticky texture</li> </ul>	High butyric acid levels due to soil contamination, high manure levels, low dry matter crop under 30%
<ul style="list-style-type: none"> <li>Mouldy silage with musty odour</li> </ul>	Presence of oxygen, poor clamp filling and sealing, high dry matter above 50% or poor feedout management
<ul style="list-style-type: none"> <li>Smell of vinegar</li> </ul>	Acetic acid fermentation due to high levels of air reaching silage
<ul style="list-style-type: none"> <li>Sweet smelling silage</li> </ul>	High levels of ethanol produced by moulds
<ul style="list-style-type: none"> <li>Ammonia odour</li> </ul>	Due to excessive protein breakdown, clostridial fermentation and high pH levels
<ul style="list-style-type: none"> <li>Smells burnt or tobacco</li> </ul>	Due to excessive heating which is caused by secondary fermentation, also excessive wilting

### THE MAJOR BENEFITS OF HM INOCULANT®

- Reduced Dry Matter losses
- Less secondary fermentation
- Improved D Value
- Rapid pH drop
- Higher intakes and palatability
- Improved fermentation characteristics
- Improved animal performance and feed efficiency
- Improved utilisation of soluble sugars
- Pathogen suppression

### HM INOCULANT'S® UNIQUE FORMULATION



Three bacteria strains provide activity over a wider pH range.