

pHast Maize Biogas

pHast Maize Biogas is a specifically formulated silage additive to treat maize silage for anaerobic digestion



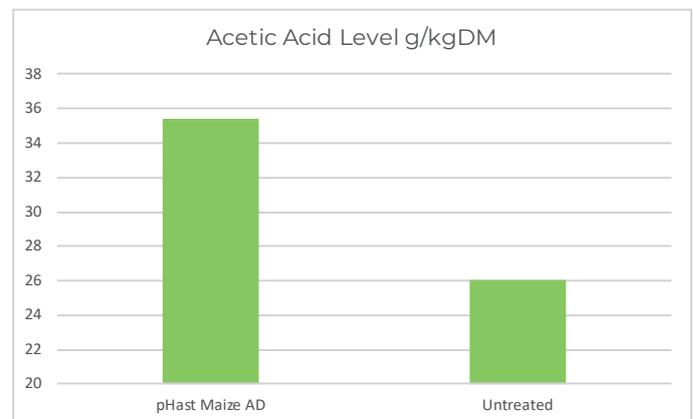
Features and benefits

The combination of bacteria work together to enhance the fermentation of forage sugars into a mix of acids to aid the reduction of fermentation losses and increase the production of acetic acid to maximise gas production in the digester. The speed of fermentation is also crucial to rapidly stop enzyme activity breaking down plant material and releasing nutrients.

- Lower DM losses
- Higher acetic acid content
- Higher nutrient level
- Increased methane production
- Synergistic 2 heterofermentative strain formula
- Increased aerobic stability

Trials Result

The unique heterofermentative bacteria used in pHast Maize Biogas produced 35% more acetic acid in trials. This leads to both increased aerobic stability, a cool and stable clamp, as well as increasing methane production from the silage.



pHast Maize Biogas contains fast growing *Lactobacillus brevis* which is able to dominate the fermentation quicker than other heterofermentative strains. It produces 35% more acetic acid compared to untreated silage. This directly feeds the digester rather than having to be produced in the digester. In the clamp the additional acetic acid inhibits spoilage organisms leading to cool and stable silage.

Usage

- Each box of pHast Maize Biogas contains 5 x 200g sachets
- Each 200g sachet will treat 100t of cereals
- Apply through a liquid applicator at 50ml to 2 litres per tonne of forage.

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