

pHast Grass Biogas

pHast Grass Biogas is a specifically formulated silage additive to treat grass silage for anaerobic digestion.



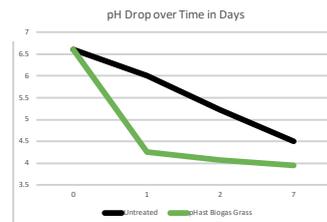
Features and benefits

The combination of bacteria work together to enhance the fermentation of the grass 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.

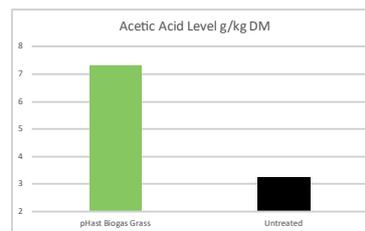
- Lower DM losses
- Higher acetic acid content
- Higher nutrient level
- Increased methane production
- Fast acting L brevis strain
- Increased aerobic stability

Trials Result

1) Fermentation in 2 days compared to untreated silage in 2 weeks.



2) In trials the acetic acid level was 2.25 times higher when treated with pHast Grass Biogas.



pHast Grass Biogas contains fast growing *Lactobacillus brevis* which is able to dominate the fermentation quicker than other heterofermentative strains. It produces roughly twice the level of 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 Grass Biogas contains 5 x 200g sachets
- Each 200g sachet will treat 100t of grass.
- Apply through a liquid applicator at 50ml to 2 litres per tonne of forage.

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