

pHast Cereal Biogas

pHast Cereal Biogas is a specifically formulated silage additive to treat wholecrop cereal silage, typically hybrid rye, for anaerobic digestion



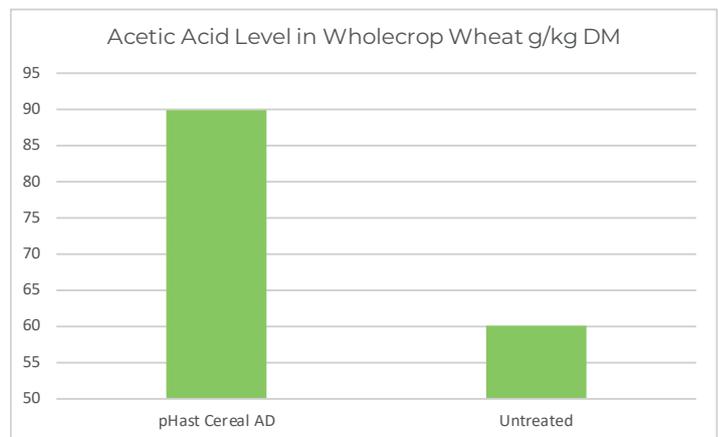
Features and benefits

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 Cereal Biogas produced 50% more acetic acid in trials. Stability was 3x longer when treated. This improvement in aerobic stability gives a cool and stable clamp, as well as increasing methane production from the silage.



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

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