



Borregaard LignoTech is one of the world's leading suppliers of high performance additives and ingredients to the animal feed industry.

Safer to use and easier to handle

SoftAcid®
Protecting Values

SoftAcid is a safer to use and easier to handle alternative to propionic acid for cereal and grain preservation.

Farm grown cereals and grains undergo storage until they are selected, ground and used by animal feed manufacturers. During this storage period the grain is vulnerable to microbiological growth, which could lead to a severe disturbance of animal health.

SoftAcid is very efficient against moulds, improves the overall feed hygiene and also assures a low level of mycotoxins during storage. The product is less corrosive than pure propionic acid and will therefore also reduce cost of maintenance to machines and storage bins.



Brands

- SoftAcid P+

Benefits

- Mould inhibition
- High performance and flexibility during harvest
- Better feed hygiene
- Reduced growth of undesirable micro-organisms
- Low mycotoxins during storage
- Reduced corrosion rate

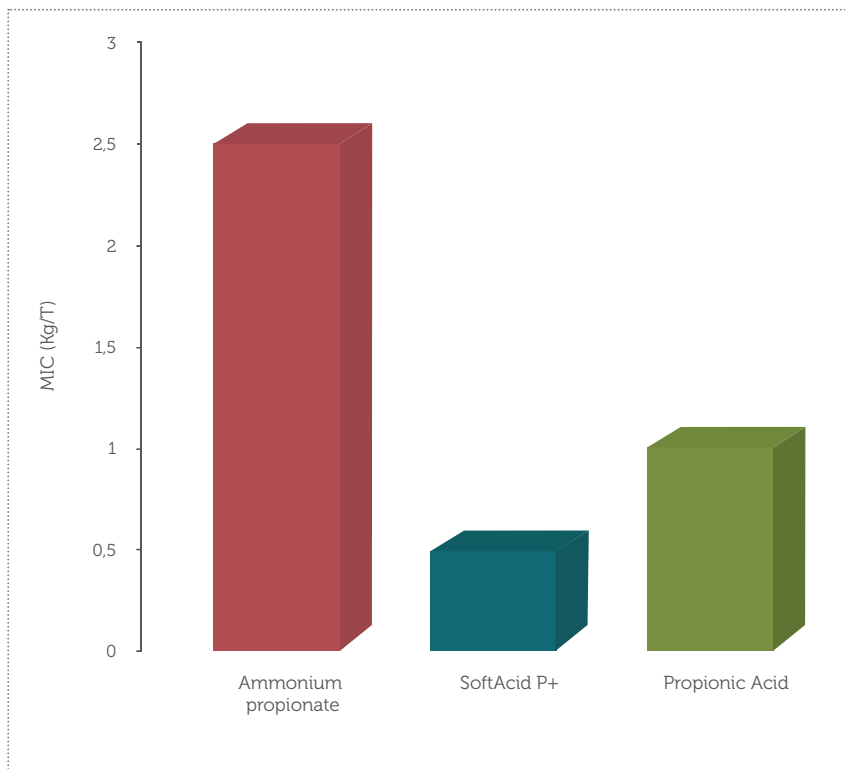


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www.lignotechfeed.com

PERFORMANCE OF SOFTACID

MIC for different acidifiers vs *Fusarium*.



- SoftAcid P+ is very efficient on *Fusarium* even at low inclusion rate (0.5 kg/t).
- Propionic acid is less efficient than SoftAcid P+ in inhibiting *Fusarium* (1 kg/t to achieve the same effect).
- Ammonium propionate requires an even higher dose than propionic acid to achieve the same results (2.5 kg/t).

(MIC = Minimum Inhibitory Concentration)

ENVIRONMENTAL ADVANTAGES OF SOFTACID

- Significantly less corrosion on carbon steel than with propionic acid.
- Cost savings due to lower maintenance.
- The lignosulphonic acid molecules in SoftAcid also help reduce skin corrosion..