



Eminex[®]



Climate protection made easy

- Environmentally friendly slurry storage
- Improved slurry quality and fertilisation effects
- Increased animal welfare and employee safety



alzchem
group

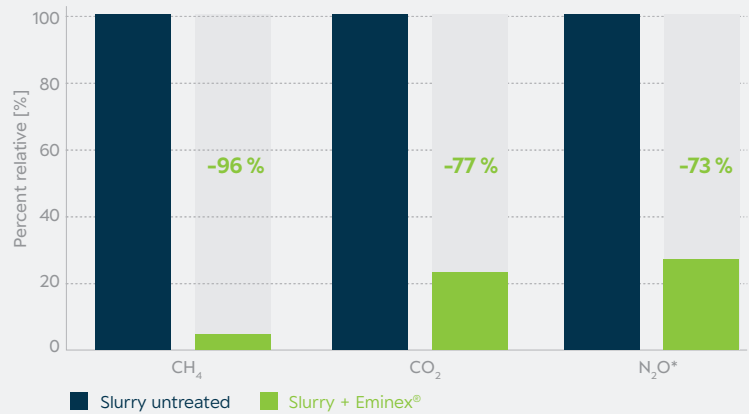


Slurry storage with a low environmental impact

- Reliably suppresses 90–100% of methane, CO₂ and nitrous oxide emissions during slurry storage
- Retains methane potential for later use in biogas plants
- Increased safety of covered storage containers



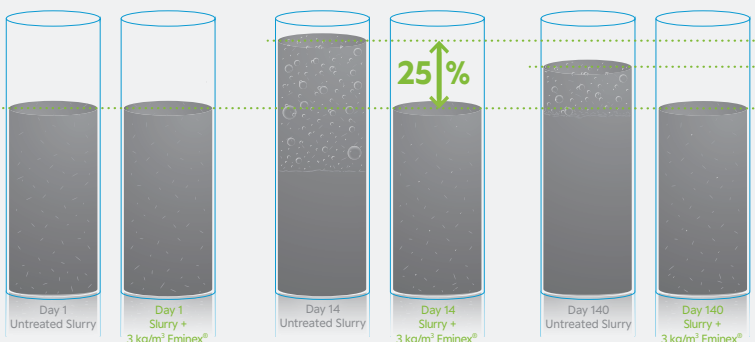
AVERAGE GHG REDUCTION OF LIQUID SLURRY OVER 16 TRIAL VARIANTS



Application rate 1.3–3 kg Eminex[®]/m³ slurry; storage time 3–6 Monate
*Average over 5 trials variants



CRUST DEVELOPMENT AND STORAGE VOLUMES AFTER 140 DAYS



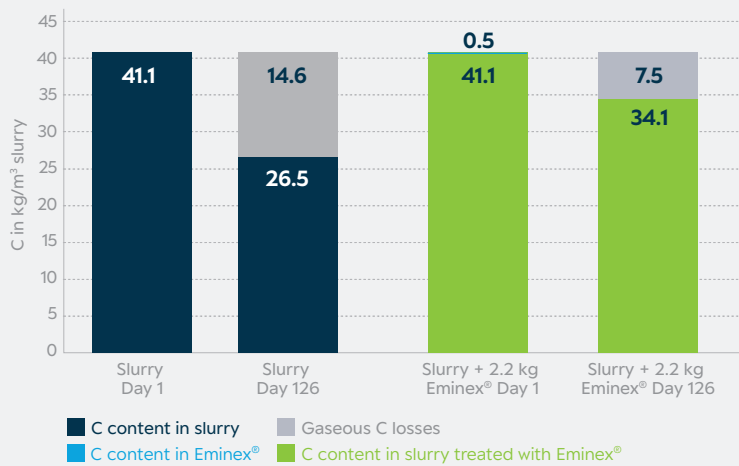
Slurry problems are history

- Prevents foam formation and crusting
- Existing foam dissolves
- Optimum use of storage space
- Increased fluidity and homogeneity for improved slurry handling
- Time and cost savings as a result of minimal stirring



Increases nitrogen efficiency

CARBON BALANCE OF CATTLE SLURRY AT THE BEGINNING AND END OF STORAGE



- Combines organic and mineral nutrients
- Consistent fertilisation results thanks to more available nitrogen for the plants and a more even distribution of nutrients in the slurry
- Activates soil life as it contains more readily degradable, energy-rich carbon compounds
- Stabilises the ammonium nitrogen in the slurry

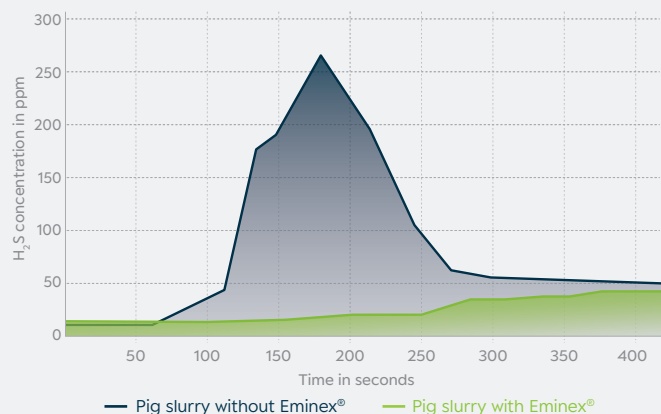


Good for both humans and animals

- Less odour pollution
- Improved shed climate boosts animals' feed intake
- Lower risk of poisoning due to fewer dangerous hydrogen sulphide emissions during draining and stirring



HYDROGEN SULPHIDE CONCENTRATION IN THE FARROWING AREA DURING SLURRY DRAINAGE





Application recommendations for slurry storage

GENERAL ADVICE:

- The application rate always refers to the volume of slurry in the pit at the time of application.
- Eminex® can be added as soon as the slurry can be stirred.
- Slowly add Eminex® to the slurry during stirring.

WINTER STORAGE (WITHOUT SLURRY SPREADING):

- **1 kg of Eminex® per m³ of slurry** every 12 weeks.

SUMMER STORAGE (WITH SLURRY SPREADING):

- Treat the remaining slurry with **1 kg of Eminex® per m³ of slurry** after each slurry application.
- If no slurry is spread for a period longer than 6 weeks, the remaining slurry will need to be retreated with 1 kg of Eminex® per m³ of slurry.



Application recommendations for foaming slurry

- A single application is usually sufficient to suppress foaming throughout the entire winter storage period.
- Add **2 kg of Eminex® per m³ of slurry** during stirring.
- The product should be applied at the start of winter.

Please feel free to get in touch for tailored application recommendations for your farm.

