

LOWER CH₄ EMISSIONS FROM ACIDIFIED SLURRY TANKS

Four slurry tanks: Two with cattle and two with pig manure

Early acidification (summer)

The slurry was acidified once to pH 5

Emissions determination with bLS

Measurements before acidification (BA)
and after acidification (AA1-AA4)



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The emissions were measured 3-4 times on each tank over 7-8 months

Fresh manure added after AA3 (Cattle 1, Pig 1, and Pig 2)

- Volume increase > x 2.5

pH increase over time

Reduced emissions after acidification despite increasing pH and addition of fresh slurry

