Poster: Production of ethanol from pretreated maize silage in anaerobically digested and wet-oxidized manure as a liquid medium

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Summary of: Production of ethanol from pretreated maize silage in anaerobically digested and wet-oxidized manure as a liquid medium

- anaerobically-digested and wet-oxidized manure can easily serve in fermentation process as a liquid and nutrients medium
- implementation of efficient ethanol production from **lignocellulose** would be a breakthrough in the fuel market
- **maize silage** is believed to be **a very promising C-source** for ethanol-fermentation purpose, even non-treated maize silage contains large amount of glucan (over 50g/100gTS)
- **82% of theoretical ethanol yield** was achieved during SSF conducted in 2L fermenters
- **30.8kg EtOH per 100kgTS** wet-oxidized maize silage can be obtained