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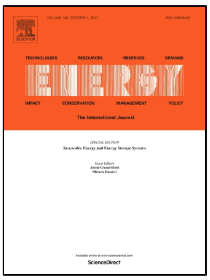

Co-digestion of cattle manure and grass harvested with different technologies. Effect on methane yield, digestate composition and energy balance

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Highlights

- The addition of pre-treated grass to reactors fed cattle manure was investigated.
- Co-digestion increased methane production and decreased methane concentration.
- Co-digestion decreased protein content and increased residual methane production.
- Double energy is needed in reactors for mixing when grass is added.
- This energy corresponded to 14% of the extra energy produced by excoriated grass.

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