Accepted Manuscript

Effects of different biofilm carriers on biogas production during anaerobic digestion of corn straw

Yongdi Liu, Yingdong Zhu, Honghua Jia, Xiaoyu Yong, Lijuan Zhang, Jun Zhou, Zebin Cao, Andrea Kruse, Ping Wei

PII: S0960-8524(17)31287-7

DOI: http://dx.doi.org/10.1016/j.biortech.2017.07.171

Reference: BITE 18591

To appear in: Bioresource Technology

Received Date: 15 June 2017 Revised Date: 27 July 2017 Accepted Date: 28 July 2017



Please cite this article as: Liu, Y., Zhu, Y., Jia, H., Yong, X., Zhang, L., Zhou, J., Cao, Z., Kruse, A., Wei, P., Effects of different biofilm carriers on biogas production during anaerobic digestion of corn straw, *Bioresource Technology* (2017), doi: http://dx.doi.org/10.1016/j.biortech.2017.07.171

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Effects of different biofilm carriers on biogas production during anaerobic digestion of corn straw

Yongdi Liu^{a,b}, Yingdong Zhu^{a,b}, Honghua Jia^a, Xiaoyu Yong^{a,b}, Lijuan Zhang^{a,b}, Jun Zhou^{a,b*}, Zebin Cao^c,

Andrea Kruse^c, Ping Wei^a

^aCollege of Biotechnology and Pharmaceutical Engineering, Nanjing Tech University, Nanjing 211816, China

^bBioenergy Research Institute, Nanjing Tech University, Nanjing, Jiangsu 211816, China

^cInstitute of Agricultural Engineering, University of Hohenheim, Garbenstrasse 9, 70599 Stuttgart, Germany

Tel.: +86-25-58139929, Fax: +86-25-58139929 (Jun Zhou);

E-mail addresses: zhoujun@njtech.edu.cn

_

^{*} Corresponding authors Address: College of Biotechnology and Pharmaceutical Engineering, Nanjing Tech University, Nanjing, Jiangsu 211816, P. R. China Mailing Address: P.O. Box 77, Nanjing Tech University, No. 30 South Puzhu Road, Nanjing 211816, P. R. China

Download English Version:

https://daneshyari.com/en/article/4996578

Download Persian Version:

https://daneshyari.com/article/4996578

<u>Daneshyari.com</u>