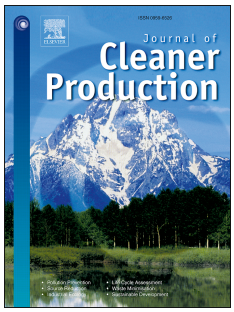
Accepted Manuscript



Environmental impact of yeast and exogenous xylanase on mitigating carbon dioxide and enteric methane production in ruminants

Laura Haydée Vallejo-Hernández, Mona M.Y. Elghandour, Ralf Greiner, Uchenna Y. Anele, Raymundo Rene Rivas-Cáceres, Marcos Barros-Rodríguez, Abdelfattah Z.M. Salem

PII: S0959-6526(18)30998-3

DOI: 10.1016/j.jclepro.2018.03.310

Reference: JCLP 12568

To appear in: *Journal of Cleaner Production*

Received Date: 5 November 2017

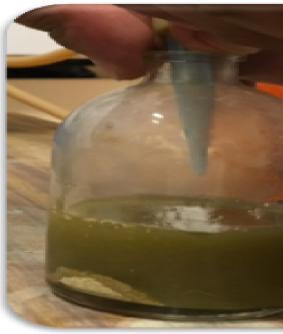
Revised Date: 23 February 2018

Accepted Date: 30 March 2018

Please cite this article as: Vallejo-Hernández LauraHaydé, Elghandour MMY, Greiner R, Anele UY, Rivas-Cáceres RR, Barros-Rodríguez M, Salem AZM, Environmental impact of yeast and exogenous xylanase on mitigating carbon dioxide and enteric methane production in ruminants, *Journal of Cleaner Production* (2018), doi: 10.1016/j.jclepro.2018.03.310.

Animals fed ad libitum on a diet consisting of oat hay and con
ratio

0.5 g of total m
(520 g ground sorghum, 3
soybean meal, 80

Control	XY	SC
		
No additives	2 mL xylanase g^{-1} DM	4 mg *S. cerevisiae* g^{-1}