## Accepted Manuscript

Original article

Rapid synthesis of a corncob-based semi-interpenetrating polymer network slow-release nitrogen fertilizer by microwave irradiation to control water and nutrient losses

Peng Wen, Yajie Han, Zhansheng Wu, Yanhui He, Bang-Ce Ye, Jun Wang

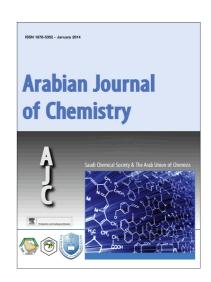
PII: S1878-5352(17)30060-6

DOI: http://dx.doi.org/10.1016/j.arabjc.2017.03.002

Reference: ARABJC 2066

To appear in: Arabian Journal of Chemistry

Received Date: 4 January 2017 Accepted Date: 11 March 2017



Please cite this article as: P. Wen, Y. Han, Z. Wu, Y. He, B-C. Ye, J. Wang, Rapid synthesis of a corncob-based semi-interpenetrating polymer network slow-release nitrogen fertilizer by microwave irradiation to control water and nutrient losses, *Arabian Journal of Chemistry* (2017), doi: http://dx.doi.org/10.1016/j.arabjc.2017.03.002

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

Rapid synthesis of a corncob-based semi-interpenetrating polymer network slow-release nitrogen fertilizer by microwave irradiation to control water and nutrient losses

Peng Wen<sup>a, 1</sup>, Yajie Han<sup>a, 1</sup>, Zhansheng Wu\*<sup>a</sup>, Yanhui He<sup>a</sup>, Bang-Ce Ye<sup>a</sup> and Jun Wang\*<sup>b</sup>

<sup>a</sup> School of Chemistry and Chemical Engineering, Shihezi University, 221 North Fourth Road, Shihezi 832003, People's Republic of China

<sup>b</sup> Agricultural Techniques Extension Center, Xinjiang Agricultural Reclamation Academy of Sciences, 221 Wuyi Road, Shihezi, 832000, People's Republic of China

Corresponding Author: Zhansheng Wu; Jun Wang

Tel: 86993-2055015, Fax: 86993-2057270, E-mail address: wuzhans@126.com; Wj86100@126.com

## Download English Version:

## https://daneshyari.com/en/article/7691962

Download Persian Version:

https://daneshyari.com/article/7691962

<u>Daneshyari.com</u>