

Accepted Manuscript

Copper oxide nanoparticles and arsenic interact to alter seedling growth of rice (*Oryza sativa japonica*)

Jing Liu, Birendra Dhungana, George P. Cobb



PII: S0045-6535(18)30863-4

DOI: [10.1016/j.chemosphere.2018.05.021](https://doi.org/10.1016/j.chemosphere.2018.05.021)

Reference: CHEM 21349

To appear in: *ECSN*

Received Date: 4 February 2018

Revised Date: 27 April 2018

Accepted Date: 3 May 2018

Please cite this article as: Liu, J., Dhungana, B., Cobb, G.P., Copper oxide nanoparticles and arsenic interact to alter seedling growth of rice (*Oryza sativa japonica*), *Chemosphere* (2018), doi: 10.1016/j.chemosphere.2018.05.021.

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.

CHEM52048

**Copper Oxide Nanoparticles and Arsenic Interact to Alter Seedling Growth of Rice
(*Oryza sativa japonica*)**

Jing Liu ^a, Birendra Dhungana ^a, George P Cobb ^a

^a Department of Environmental Science, Baylor University

One Bear Place #97266, Waco, Texas, USA, 76798-7266

Emails:

Jing Liu (Corresponding author): jing_liu@baylor.edu; (+1)254-495-3468; Department of
Environmental Science, Baylor University, One Bear Place #97266, Waco, Texas, USA, 76798-
7266.

Birendra Dhungana: birendra_dhungana@baylor.edu;

George P Cobb: george_cobb@baylor.edu

Download English Version:

<https://daneshyari.com/en/article/8850900>

Download Persian Version:

<https://daneshyari.com/article/8850900>

[Daneshyari.com](https://daneshyari.com)