

# Accepted Manuscript

Phytotoxicity of amoxicillin to the duckweed *Spirodela polyrhiza*: Growth, oxidative stress, biochemical traits and antibiotic degradation

Vineet Singh, Bhawna Pandey, Surindra Suthar



PII: S0045-6535(18)30414-4

DOI: [10.1016/j.chemosphere.2018.03.010](https://doi.org/10.1016/j.chemosphere.2018.03.010)

Reference: CHEM 20954

To appear in: *ECSN*

Received Date: 12 December 2017

Revised Date: 26 February 2018

Accepted Date: 3 March 2018

Please cite this article as: Singh, V., Pandey, B., Suthar, S., Phytotoxicity of amoxicillin to the duckweed *Spirodela polyrhiza*: Growth, oxidative stress, biochemical traits and antibiotic degradation, *Chemosphere* (2018), doi: [10.1016/j.chemosphere.2018.03.010](https://doi.org/10.1016/j.chemosphere.2018.03.010).

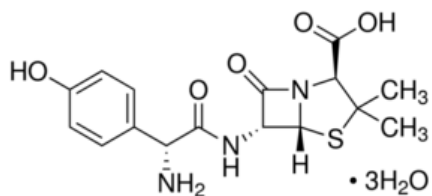
This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please 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.



Wastewater  
as source of  
PPCPS

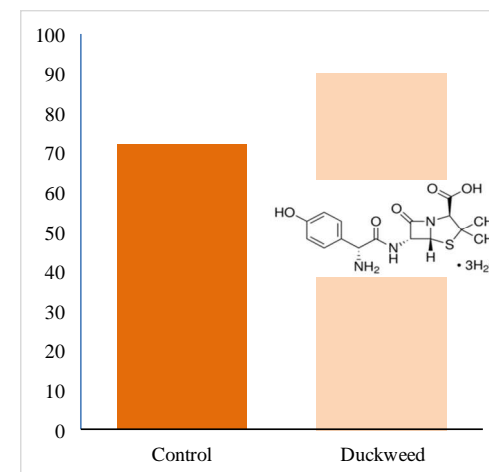
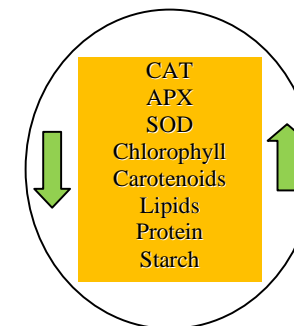


Amoxicillin



Duckweed

Biochemical alteration and  
antioxidative response



Bioremediation

Download English Version:

<https://daneshyari.com/en/article/8851524>

Download Persian Version:

<https://daneshyari.com/article/8851524>

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