

# Accepted Manuscript

Biosurfactant-producing Microorganism *Pseudomonas* sp. SB Assists the Phytoremediation of DDT-contaminated Soil by Two Grass Species

Beibei Wang, Qingling Wang, Wuxing Liu, Xiaoyan Liu, Jinyu Hou, Ying Teng, Yongming Luo, Peter Christie



PII: S0045-6535(17)30660-4

DOI: 10.1016/j.chemosphere.2017.04.123

Reference: CHEM 19185

To appear in: *Chemosphere*

Received Date: 12 December 2016

Revised Date: 24 April 2017

Accepted Date: 24 April 2017

Please cite this article as: Beibei Wang, Qingling Wang, Wuxing Liu, Xiaoyan Liu, Jinyu Hou, Ying Teng, Yongming Luo, Peter Christie, Biosurfactant-producing Microorganism *Pseudomonas* sp. SB Assists the Phytoremediation of DDT-contaminated Soil by Two Grass Species, *Chemosphere* (2017), doi: 10.1016/j.chemosphere.2017.04.123

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.

- Phytoremediation assisted by *Pseudomonas* can effectively remove DDTs in soil
- Inoculation with *Pseudomonas* in TF could increase DDT removal efficiency
- The relative abundance of *Pseudomonas* for SB+TF was greater than TF
- PCoA verifies that plant species greatly affected the soil bacterial community

Download English Version:

<https://daneshyari.com/en/article/5746939>

Download Persian Version:

<https://daneshyari.com/article/5746939>

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