## Accepted Manuscript

Occurrence of seventeen veterinary antibiotics and resistant bacterias in manurefertilized vegetable farm soil in four provinces of China

Ruicheng Wei, Tao He, Shengxin Zhang, Lei Zhu, Bin Shang, Zhaojun Li, Ran Wang

PII: S0045-6535(18)31815-0

DOI: 10.1016/j.chemosphere.2018.09.152

Reference: CHEM 22232

To appear in: ECSN

Received Date: 23 May 2018

Revised Date: 19 September 2018

Accepted Date: 25 September 2018

Please cite this article as: Wei, R., He, T., Zhang, S., Zhu, L., Shang, B., Li, Z., Wang, R., Occurrence of seventeen veterinary antibiotics and resistant bacterias in manure-fertilized vegetable farm soil in four provinces of China, *Chemosphere* (2018), doi: https://doi.org/10.1016/j.chemosphere.2018.09.152.

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.

## Chemosphere June 1999

魙

## ACCEPTED MANUSCRIPT

Occurrence of seventeen veterinary antibiotics and resistant
bacterias in manure-fertilized vegetable farm soil in four
provinces of China

4

5 Ruicheng Wei<sup>a</sup>, Tao He<sup>a</sup>, Shengxin Zhang<sup>a</sup>, Lei Zhu<sup>a</sup>, Bin Shang<sup>b</sup>, Zhaojun

6 Li<sup>c</sup>, Ran Wang<sup>a\*</sup>

7 <sup>a</sup> Jiangsu Key Laboratory for Food Quality and Safety-State Key Laboratory Cultivation Base of

8 Ministry of Science and Technology, Key Laboratory for Agro-product Safety Risk Evaluation

9 (Nanjing), Ministry of Agriculture, Nanjing 210014, PR China;

<sup>b</sup> Institute of Environment and Sustainable Development in Agriculture, CAAS, Beijing 100081, PR

11 China;

<sup>12</sup> <sup>c</sup> Institute of Agricultural Resources and Regional Planning, CAAS, Beijing 100081, PR China

<sup>\*</sup> Corresponding Author. Fax: +86 25 84391617.

E-mail addresses: ranwang@jaas.ac.cn (R. Wang).

Download English Version:

## https://daneshyari.com/en/article/11010201

Download Persian Version:

https://daneshyari.com/article/11010201

Daneshyari.com