

Accepted Manuscript

Arsenic stress effects on root water absorption in soybean plants: Physiological and morphological aspects

Mariana E. Vezza, Analía Llanes, Claudia Travaglia, Elizabeth Agostini, Melina A. Talano



PII: S0981-9428(17)30389-3

DOI: [10.1016/j.plaphy.2017.11.020](https://doi.org/10.1016/j.plaphy.2017.11.020)

Reference: PLAPHY 5060

To appear in: *Plant Physiology and Biochemistry*

Received Date: 7 July 2017

Revised Date: 28 November 2017

Accepted Date: 29 November 2017

Please cite this article as: M.E. Vezza, Analí. Llanes, C. Travaglia, E. Agostini, M.A. Talano, Arsenic stress effects on root water absorption in soybean plants: Physiological and morphological aspects, *Plant Physiology et Biochemistry* (2018), doi: 10.1016/j.plaphy.2017.11.020.

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.

1 **Title**

2 **Arsenic stress effects on root water absorption in soybean plants: physiological and**
3 **morphological aspects**

4

5 **Mariana E. Vezza**^{a,c,*}, **Analía Llanes**^{b,c}, **Claudia Travaglia**^{b,c}, **Elizabeth Agostini**^{a,c}, **Melina A. Talano**
6 ^{a,c}

7 ^a Departamento de Biología Molecular, FCEFQyN, Universidad Nacional de Río Cuarto, Ruta
8 Nacional 36 Km 601, CP 5800 Río Cuarto, Córdoba, Argentina.

9 ^b Departamento de Ciencias Naturales, FCEFQyN, Universidad Nacional de Río Cuarto, Ruta
10 Nacional 36 Km 601, CP 5800 Río Cuarto, Córdoba, Argentina.

11 ^c Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Argentina.

12

13 * Corresponding author. Tel.: +54 358 4676537; fax: +54 358 4676232.

14

15 E-mail addresses: marianavezza@gmail.com (M.E. Vezza), allanes@exa.unrc.edu.ar (A. Llanes),
16 ctravaglia@exa.unrc.edu.ar (C. Travaglia), eagostini@exa.unrc.edu.ar (E. Agostini),
17 mtalano@exa.unrc.edu.ar (M.A. Talano).

Download English Version:

<https://daneshyari.com/en/article/8353391>

Download Persian Version:

<https://daneshyari.com/article/8353391>

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