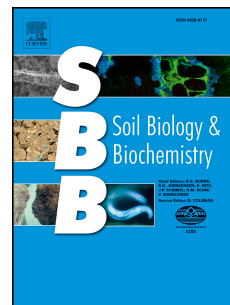


Accepted Manuscript

Mycorrhizal fungi enhance nutrient uptake but disarm defences in plant roots, promoting plant-parasitic nematode populations

Adam Frew, Jeff R. Powell, Gaétan Glauser, Alison E. Bennett, Scott N. Johnson



PII: S0038-0717(18)30275-X

DOI: [10.1016/j.soilbio.2018.08.019](https://doi.org/10.1016/j.soilbio.2018.08.019)

Reference: SBB 7257

To appear in: *Soil Biology and Biochemistry*

Received Date: 10 April 2018

Revised Date: 16 August 2018

Accepted Date: 17 August 2018

Please cite this article as: Frew, A., Powell, J.R., Glauser, Gaé., Bennett, A.E., Johnson, S.N., Mycorrhizal fungi enhance nutrient uptake but disarm defences in plant roots, promoting plant-parasitic nematode populations, *Soil Biology and Biochemistry* (2018), doi: 10.1016/j.soilbio.2018.08.019.

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 **Mycorrhizal fungi enhance nutrient uptake but disarm defences in plant roots, promoting plant-parasitic**
2 **nematode populations**

3
4 Adam Frew*^{1,2}, Jeff R Powell¹, Gaétan Glauser³, Alison E Bennett⁴, Scott N Johnson¹

5
6
7 ¹ *Hawkesbury Institute for the Environment, Western Sydney University, Richmond, NSW, Australia*

8 ² *Graham Centre for Agricultural Innovation, School of Agricultural and Wine Sciences, Charles Sturt University,*
9 *Wagga Wagga, NSW, Australia*

10 ³ *Neuchâtel Platform of Analytical Chemistry (NPAC), University of Neuchâtel, Neuchâtel, Switzerland*

11 ⁴ *Department of Evolution, Ecology and Organismal Biology, The Ohio State University, Columbus, Ohio, USA*

12
13 *Corresponding author

14 Adam Frew

15 Postal Address: Charles Sturt University, Building 281, Wagga Wagga, New South Wales, Australia, 2678

16 Email: afrew@csu.edu.au

17 Phone: +61 (0)26933 4419

Download English Version:

<https://daneshyari.com/en/article/9954263>

Download Persian Version:

<https://daneshyari.com/article/9954263>

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