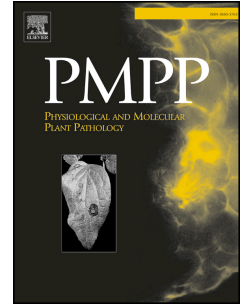


Accepted Manuscript

Responses of sunflower induced by *Sclerotinia sclerotiorum* infection

Ren Na, Yanjie Luo, Haoyu Bo, Jian zhang, Ruifang Jia, Qinglin Meng, Hongyou Zhou, Jianjun Hao, Jun Zhao



PII: S0885-5765(17)30286-2

DOI: [10.1016/j.pmpp.2017.12.004](https://doi.org/10.1016/j.pmpp.2017.12.004)

Reference: YPMPP 1308

To appear in: *Physiological and Molecular Plant Pathology*

Received Date: 9 October 2017

Revised Date: 9 December 2017

Accepted Date: 16 December 2017

Please cite this article as: Na R, Luo Y, Bo H, zhang J, Jia R, Meng Q, Zhou H, Hao J, Zhao J, Responses of sunflower induced by *Sclerotinia sclerotiorum* infection, *Physiological and Molecular Plant Pathology* (2018), doi: 10.1016/j.pmpp.2017.12.004.

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 Page**2 **Responses of sunflower induced by *Sclerotinia sclerotiorum* infection**

3 Ren Na^{1,2}, Yanjie Luo⁵, Haoyu Bo¹, Jian zhang¹, Ruifang Jia¹, Qinglin Meng³, Hongyou
4 Zhou¹, Jianjun Hao⁴, Jun Zhao^{1*}

5

6 ¹ Department of Agronomy, Inner Mongolia Agricultural University, Huhhot, 010018, China.

7 ² Institute of Cereal and Oil Crops, Hebei Academy of Agricultural and Forestry Sciences,
8 Shijiazhuang, 050035, China.

9 ³ Institute of Plant Protection, Heilongjiang Academy of Agricultural Sciences, Harbin, 150000,
10 China.

11 ⁴ School of Food and Agriculture, The University of Maine, Orono, ME 04469, USA

12 ⁵ Agriculture and Agri-Food Canada, London, ON, N5V 4T3, Canada.

13 The first two authors equally contributed to this work and should be considered as co-first
14 authors.

15 * Corresponding author, email: zhaojun@imau.edu.cn

16 Running head: Resistant responses of sunflower

17 Keywords: biochemical activity, resistant mechanism, sunflower, *Sclerotinia sclerotiorum*

18 Conflict of Interest: The authors have declared that no conflict of interest exist.

Download English Version:

<https://daneshyari.com/en/article/8649219>

Download Persian Version:

<https://daneshyari.com/article/8649219>

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