

Accepted Manuscript

Low-dose ionizing radiation limitations to seed germination: results from a model linking physiological characteristics and developmental-dynamics simulation strategy

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PII: S0022-5193(17)30238-2
DOI: [10.1016/j.jtbi.2017.05.024](https://doi.org/10.1016/j.jtbi.2017.05.024)
Reference: YJTBI 9081



To appear in: *Journal of Theoretical Biology*

Received date: 19 February 2016
Revised date: 17 May 2017
Accepted date: 19 May 2017

Please cite this article as: Hui Liu , Dawei Hu , Chen Dong , Yuming Fu , Guanghui Liu , Youcai Qin , Yi Sun , Dianlei Liu , Lei Li , Hong Liu , Low-dose ionizing radiation limitations to seed germination: results from a model linking physiological characteristics and developmental-dynamics simulation strategy, *Journal of Theoretical Biology* (2017), doi: [10.1016/j.jtbi.2017.05.024](https://doi.org/10.1016/j.jtbi.2017.05.024)

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Highlights

- Low-dose ionizing radiation has an important effect on wheat seed germination.
- Wheat root and shoot lengths are reduced in response to different dose rates.
- Provide a new combination strategy of experimental data and mathematical method.

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