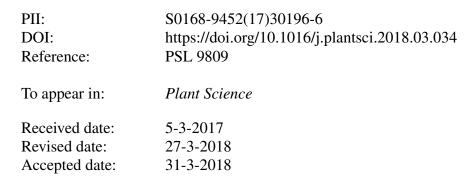
## Accepted Manuscript

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Please cite this article as: Itay Cohen, Tal Rapaport, Reut Tal Berger, Shimon Rachmilevitch, The effects of elevated CO2 and nitrogen nutrition on root dynamics, Plant Science https://doi.org/10.1016/j.plantsci.2018.03.034

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## ACCEPTED MANUSCRIPT

## The effects of elevated CO<sub>2</sub> and nitrogen nutrition on root dynamics

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Highlights:

- Root growth is affected by nitrogen form and CO<sub>2</sub> concentration
- The development of root vascular tissue of tomato depends on nitrogen form and CO<sub>2</sub> concentration
- Root respiration rates differ between nitrogen forms and root order and depend on CO<sub>2</sub> concentration

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