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Nematophagus fungi increasing phosphorus uptake and promoting plant growth¹

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Abstract: Some nematophagous fungi control nematodes and are also able to compensate the damage they cause in plant roots. However, the effects of these fungi on plant growth promotion are still underexplored. Here, we evaluated if some nematophagus fungi (*Pochonia chlamydosporia* and *Duddingtonia flagrans*) may increase phosphorus bioavailability and promote plant growth. A growth chamber assay and a greenhouse study (both without nematodes) were carried out to assess the effects of the fungi on growth and phosphorus uptake by tomato plants. The use of *P. chlamydosporia* and *D. flagrans* substantially increased growth and phosphorus uptake by tomato

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