

Experiment #3. How mycorrhiza impact the growth of plants?

Components

- plants, same sort in different pots
- soil
- mycorrhiza

1. put the same amount of soil into two different pots
2. put mycorrhiza into one pot
3. plant your plants into two different pots
4. document while doing photos for a couple of months every week
5. (optional) measure phosphates in the soil before the experiment and after the experiment.

For more information, see, College of Science. “Determination of Phosphate Concentration in Soil – University of Canterbury,”

<https://www.canterbury.ac.nz/content/dam/uoc-main-site/documents/pdfs/d-other/Determination-of-Phosphate-Concentration-in-Soil.pdf> (Accessed 10 July 2024).

For more information, see, Barto, E. K. et al. (2011). “The Fungal Fast Lane: Common Mycorrhizal Networks Extend Bioactive Zones of Allelochemicals in Soils” in PLoS ONE, Volume 6, Issue 11. Available at <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0027195> (Accessed 10 July 2024).