



Exploring the **benefits of intercropping to improve soil health and agricultural productivity**



Main results and practical implementation

Does legume-cereal intercropping improve soil conditions? To address this, we are conducting soil analyses within the LEGUMINOSE project on the fields of participating farmers across various countries. Our goal is to develop a catalogue of practical recommendations for implementing intercropping. We are in an initial phase and there are currently no concrete results.



Benefits and impact

Integrating legumes in crop rotations is incentivised by agricultural policies, but combining leguminous crops with cereals remains challenging. We aim to gather valuable information on how intercropping can improve biodiversity, soil structure and fertility, organic matter content, disease control, the relationship between plants and soil, etc. This information could help achieve economic sustainability with reduced input costs.



Challenges (and solutions)

Currently, there are many technical barriers to cultivating a cereal and a legume in dry Mediterranean climates, particularly when aiming to harvest two grain crops. These challenges include problems with planting, weed control and harvest organisation, as well as a lack of interest in the agrifood sector. During the project, we will explore possible solutions to these challenges.

Get in touch for more support!

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