



Spotlight on the Institute of Plant Breeding and Genetic Resources

Description



?? At the forefront of sustainable agriculture, the **Institute of Plant Breeding and Genetic Resources** in Greece is a vital player in the **PRIMA-SAFE** project. As part of **ELGO-DIMITRA**, this institute is dedicated to developing resilient crop varieties and pioneering water-efficient farming methods tailored for the Mediterranean climate. Led by researchers like Dr. Afroditi Tsampalla, the institute's work aligns with PRIMA-SAFE's mission to create sustainable water reuse practices that support agriculture, food safety, and environmental health.

The institute focuses on understanding plant genetics to breed crops that can thrive with treated wastewater, a critical goal for regions facing water scarcity. Their research addresses essential questions on how specific genetic traits can improve a crop's resilience to recycled water, minimizing fresh water dependency and supporting sustainable soil health. By applying these findings to

vegetable and field crop production, the institute helps pave the way for adaptable agricultural systems that maintain productivity under limited water resources.

Supported by the General Secretariat for Research and Innovation under the PRIMA Programme, the Institute of Plant Breeding and Genetic Resources is building a future where agriculture not only meets the needs of today but also conserves resources for generations to come.

Category

1. Senza categoria

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