

Sustainable Tomato Cultivation

Description

At the **Institute of Plant Breeding and Genetic Resources** within ELGO-DIMITRA, a dedicated team of researchers is transforming agriculture through innovative wastewater treatment practices. As part of the **PRIMA-SAFE** project, these scientists focus on reusing treated wastewater for crop irrigation, particularly for tomatoes, one of the Mediterranean's staple crops. Their work addresses the dual challenges of water scarcity and environmental sustainability, demonstrating how reclaimed water can effectively support agriculture without compromising crop quality.

This initiative is led by experts in agronomy, water management, and plant health, who carefully monitor the effects of treated wastewater on soil and crop vitality. By studying the nutrient content and safety of treated water, they ensure that irrigation practices benefit both the crops and the surrounding ecosystem. Through rigorous field trials, this team is setting a new standard for sustainable farming that conserves resources and supports community needs.

The PRIMA-SAFE project, supported by the General Secretariat for Research and Innovation, showcases how collaboration and science-driven solutions can redefine sustainable agriculture for future generations. These researchers are making it possible to grow healthy, abundant crops while conserving precious water resources.



Category

1. Senza categoria

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