

Seminar

„FROM FERTILIZATION TO RESISTANCE: MINERAL NUTRITION OF LEAFY VEGETABLES INTERACTION WITH PATHOGENIC FUNGI“

In this seminar, we will discuss how pathogenic fungi drive crop losses during cultivation and storage, and why control strategies relying solely on fungicides pose risks related to pathogen resistance and environmental impact. We will focus on the role of mineral nutrition (N, Ca, Mg) in strengthening the natural defence of leafy vegetables and extending their shelf life after harvest. We will also present the NutriSafe project's research directions, exploring interactions with *Alternaria* spp. and *Botrytis* spp., and share practical insights for producing safer, more nutrient-rich crops. This project has received funding from the Research Council of Lithuania (LMTLT), agreement No S-MIP-23-20.