



UNIVERSITÀ  
DEL SALENTO



DIPARTIMENTO DI SCIENZE E TECNOLOGIE  
BIOLOGICHE ED AMBIENTALI

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Venerdì 15 Novembre 2023  
Campus Ecotekne, aula D6, ore 10:00-12:00

## Pratiche di fertilizzazione sostenibile con materiali innovativi

**Dr. Massimiliano D'Imperio**, Consiglio Nazionale delle Ricerche (CNR),  
Istituto di Scienze delle Produzioni Alimentari (ISPA):

- *Il progetto ADVAGROMED: ADVanced AGROecological approaches based on the integration of insect farming with local field practices in MEDiterranean countries*
- *ADVagroMED network of living lab*

**Dr. Giuseppe Di Cuia**, Consiglio Nazionale delle Ricerche (CNR),  
Istituto di Scienze delle Produzioni Alimentari (ISPA):

- *Insect Farming and Vermicomposting per la gestione della fertilizzazione sostenibile negli agroecosistemi*

Seminario di approfondimento nell'ambito del corso di Agronomia Generale

Università degli studi del Salento. Dipartimento di Scienze e Tecnologie Biologiche ed Ambientali

(Di.S.Te.B.A). Corso di Laurea: Viticoltura ed Enologia

Prof. Francesco Fabiano Montesano



## Workshop: Pratiche di fertilizzazione sostenibile con materiali innovativi

15 December 2023, University of Salento. Department of Biological and Environmental Sciences and Technologies; Degree Course: Viticulture and Oenology

The workshop opened with a session dedicated to the presentation of the ADVagroMED project, providing an in-depth overview of the objectives and topics discussed, along with the initial results obtained. The core of the presentation focused on reducing chemical inputs in agriculture, emphasizing how the use of insect frass and poultry manure can contribute to this important transition. Additionally, the workshop sparked lively debate and a growing interest in the use of insect frass and poultry manure as fertilizers.

At the end of the workshop, a Living Lab titled "ADVagroMED network of living lab: Application of insect-frass and poultry manure in Italy for local varieties vegetable production" was organized. During the Living Lab, the following topics were discussed and compared:

- Identification of by-products in the insect production chain.
- Using composting to sanitize insect frass.
- Application of insect-frass and poultry manure in Italy for the production of local varieties of vegetables.
- Reflections/ideas.



Figure 1. Identification of by-products in the insect production chain.



Figure 2. Application of insect-frass and poultry manure in Italy for the production of local varieties of vegetables.



Figure 3. Reflections/ideas about use of insect frass and poultry manure as fertilizers.