

Achieving Optimal Plant Nutrition without Animal Manure – Is It Possible to Reach Desired Yields?"

🕒 Mon 2 Dec 2024, 17:00 - 18:30

☰ Track

✕ English > Track 2: Knowledge and Practice Sharing

📍 Location (Room Number / Name)

✕ Room Z201

📄 Session Information

This workshop addresses a significant challenge in organic farming: Can we achieve optimal plant nutrition without animal manure? Participants will discuss innovative fertilization strategies, including utilizing plants to satisfy nitrogen requirements in organic greenhouse cucumber production. Additionally, we will assess the soil fertility potential of Yatsuda rice fields through humus-derived nitrogen balance. The workshop will also explore the impact of natural mineral remediation, specifically calcium, on enhancing soil health. Join us in uncovering sustainable solutions for achieving desired yields without relying on animal manure.

Moderator:

- **Ryan Anthony Bestre**

Presenter:

- **Hui-Ju Chen**
 - *Study On Soil Remediation with Natural Mineral: Calcium*
- **Shintaro Goto**
 - *Assessment Of the Soil Fertility Potential of Yatsuda Rice Fields Based on Humus-Derived Nitrogen Balance and Biotrex Value Using Uav Hyperspectral Sensor*
- **Charlotte Giard-Laliberté**
 - *Plants Eating Plants: New Fertilization Perspectives to Sustain Nitrogen Requirements in Organic Greenhouse Cucumber Production*

📄 Format

✕ Workshop

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Created 21 days ago , last updated 8 days ago