

応用昆虫学セミナー開催のお知らせ

Dr. Claus Paul Walter ZEBITZ

University of Hohenheim

“We have a dream: Successful pest control in organic farming?”

Potential and Obstacles

2010年1月25日(月)
午前10時00分～12時40分
2号館1階多目的教室

セミナープログラム

- 10:00 開始
10:00～11:45 Zebitz 先生講演
11:45～11:55 休憩
11:55～12:40 生物制御科学専攻修士学生発表(手塚薫・田中薫・引原翔平)
12:40 終了

Seminar overview

We have a dream: Successful pest control in organic farming? Potential and Obstacles

Short overview on crop protection background in Germany as given by legal aspects; interest conflicts between producers, consumers and environmentalists.

Short introduction of non-chemical methods to control insect pests and aims of biocontrol, particularly in organic apple production.

What does biocontrol under field conditions mean? – Taking apple orchards as example.

Overview on apple pests, mainly key pests, as occurring in Germany compared to worldwide apple production.

Selection of key antagonists as given by food web analysis and impact of production regimes (integrated control, organic farming, mulching) on species diversity in apple orchards.

Use of egg parasitoids of the genus *Trichogramma* spec. Selection of suitable species and strains (fitness tests, parasitization rates, etc.).

How can biodiversity aspects be considered in agricultural production? Will biodiversity protection or augmentation collide with crop production? Two examples to show how we can support local species conservation and even enhance biodiversity.

Outlook into the future: Which problems or questions are left open? Where and what can basic research contribute to biocontrol?

Applied Entomology Seminar

25 January, 2010

10:00-12:40

Multipurpose Room

(Tamokuteki Kyoshitsu),

Building 2

Language: English

有機農業における害虫防除の研究をしているホーエンハイム大学の Zebitz 教授をお招きして、ドイツでの研究の最前線のお話をさせていただきます。

All students and staff are invited to attend. Overseas students are especially welcome. The talks will be in English.

学科や専攻に関係なく学生・職員の参加をお待ちしています。

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仲井まどか

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2月22日には、ホーエンハイム大 Dr. Schulte による続編の講演予定です、そちらもご参加ください。