

24th PSJ Soil-Born Disease Symposium

1. Date: September 10-12,2008
2. Site: 5-1 Lecture Room, Faculty of Agriculture, Kochi University
(200 Monobe, Nankoku, Kochi 783-8502, Japan)
3. Fee: 3,500 yen (Student, 2,500 yen)
4. Registration: At the symposium
5. Program

September 10

- 13:00 - 13:05 Opening
- 13:15 - 13:55 H. Horie (University of Tokyo)
The significance of plant disease diagnosis, and preparation for the fosterage of “plant doctor” and the collaboration
- 13:55 - 14:25 K. Tsuchiya (Kyushu University)
Burkholderia cepacia complex: Distribution and diversity in Agro- environment
- 14:25 – 14:50 Coffee break
- 14:50 - 15:30 T. Arie (Tokyo University of Agriculture and Technology)
Diversity and evolution of pathogenicity in *Fusarium oxysporum*
- 15:30-16:10 T. Tsuge (Nagoya University)
Pathogenicity of *Fusarium oxysporum*
- 18:30 – 20:30 Banquet (Hotel Umibe No Kajuen)

September 11

Session 2. Soil-born diseases and soil microorganisms

- 9:00 – 9:40 S. Fujiwara (Kanagawa Agricultural Technology Center)
Decomposition characteristics of organic materials by microbes in compost and in soil
- 9:40 – 10:20 S. Tanaka (Kochi University)
Impacts of various types of soil disinfection methods on soil physico-chemical and microbial properties
- 10:20 – 10:40 Coffee break
- 10:40 – 11:20 M. Hyakumachi (Gifu University)
Biocontrol mechanisms of plant growth promoting fungi
- 11:20 -12:00 T. Takehara (National Agricultural Research Center for Western Region)
Control of soil-borne plant diseases by biological soil disinfestation

Session 3. Excursion 13:00 - 17:00

September 12

Session 4. Soil-borne diseases in west Japan

- 9:00 – 9:40 K. Yano (Kochi Agricultural Research Center)
Bacterial wilt of solanaceae vegetables in Kochi prefecture and its control
- 9:40 – 10:20 T. Sugita (Miyazaki Agricultural Research Institute)
Development of DNA markers for resistance to bacterial wilt disease caused by *Ralstonia solanacearum*
- 10:20 – 10:40 Coffee break
- 10:40 – 11:20 I. Sako (Tottori Daisen Agricultural Extension Service Station)
Occurrence and control of soil borne diseases of the local vegetable in Tottori prefecture
- 11:20 – 12:00 K. Tanina (Okayama Prefectural General Agriculture Center)
Attempt to clarify the disease cycle of bacterial canker on summer-autumn tomato growing in a sideless plastic house in Okayama prefecture