

Symposium programme

IPI/Corvinus University of Budapest Symposium Schedule on “Nutrient Management and Nutrient Demand of Energy Plants”

Monday, July 06, 2009

- 16:00 – 19:00 h Registration
19:00 – 21:00 h Welcome reception

Tuesday, July 07, 2009

- 08:00 – 09:00 h Registration
- 09:00 – 09:45 h Official opening of the symposium
- Prof. Dr. Tamás Mészáros, Rector Corvinus University of Budapest
 - Hillel Magen, Director International Potash Institute
 - Tamás Bíró, Department Chief Ministry of Agriculture and Rural Development
- 09:45 – 10:15 h Coffee break
- Symposium keynote**
- 10:15 – 11:00 h Fuel and energy from plants – threats or opportunities for the world
Prof. Dr. Tamás Németh, Hungarian Academy of Sciences, Budapest, Hungary
- 11:00 – 12:15 h **SESSION I: New and traditional crops for bio energy – Chair: Hillel Magen**
- 11:00 – 11:30 h **Keynote:** European and Hungarian crops for bio energy
Dr. Csaba Gyuricza, Szent István University, Gödöllő, Hungary
- 11:30 – 11:50 h Nutrient consumption of some non-traditional energy crops
Prof. Dr. Margarita Nikolova, University of Forestry, Sofia, Bulgaria
- 11:55 – 12:15 h Agrofuels between Sustainability and Development
Dipl.-Ing. Viktor Bruckman, Commission for Interdisciplinary Ecological Studies of the Austrian Academy of Sciences, Vienna, Austria
- 12:15 – 13:00 h Lunch
- 13:00 – 14:15 h **SESSION II: Quality requirement of crops for bio energy –
Chair: Prof. Dr. László Vermes**
- 13:00 – 13:30 h **Keynote:** Role of mineral nutrition in carbon allocation and biomass production in
bio energy plants
Prof. Dr. Ismail Cakmak, Sabanci University, Istanbul, Turkey
- 13:30 – 13:50 h Mineral nutrition of maize, produced for bio ethanol - the Hungarian case-study.
*Dr. Péter Csathó, Research Institute for Soil Science and Agrochemistry, Budapest,
Hungary*
- 13:55 – 14:15 h The effects of nutrients on biomass production of hyperaccumulator plants as a
potential source of energy
Dr. Aida Bani, Agricultural University of Tirana, Albania

14:15 – 15:30 h	SESSION III: Optimal crop rotation and nutrient balance for bio energy plants – Chair: Dr. Thomas Popp
14:15 – 14:45 h	Keynote: Nutrient management in a crop rotation for bio energy plants <i>Prof. Dr. Andreas Gransee, K+S KALI GmbH, Kassel, Germany</i>
14:45 – 15:05 h	Effect of potassium fertilization on the yield, quality and potential ethanol yield of five corn hybrids <i>Dr. Péter Sipos, University of Debrecen, Hungary</i>
15:10 – 15:30 h	Biomass of tall fescue as raw material for biogas production <i>Zydrė Kadziuliene, Lithuanian Institute of Agriculture, Kedainiai, Lithuania</i>
15:30 – 16:00 h	Coffee break
16:00 – 17:15 h	SESSION IV: Energy and CO₂ balance of crops grown for bio energy – Chair: Dr. Noémi Kappel
16:00 – 16:30 h	Keynote: Energy and CO ₂ balance of bio energy plants and of various forms of bio energy <i>Dr. Jürgen Küsters, YARA GmbH & Co KG, Research Centre Hanninghof, Dülmen Germany</i>
16:30 – 16:50 h	CO ₂ Gas exchange parameters as the measure of biomass production of the Hungarian energy grass <i>Dr. Éva Salamon-Albert, University of Pécs, Hungary</i>
16:55 – 17:15 h	Biomass – is it a part of energy strategy in mitigation of global warming? <i>Daniella Boksai, Corvinus University of Budapest, Hungary</i>
19:30 – 22:00 h	Symposium Banquet

Wednesday, July 08, 2009

Excursion

07:00 h	Departure from hotel
	<ul style="list-style-type: none"> • Bio gas plant in Pálhalma • Fruit juice factory with wood heating system, Fadd • Visit to a 30-years-old poplar plantation, Fadd • Visit of willow plantation, Fadd • Visit to field trials of arable crops carried out by Minerág Kft., Szekszárd • Wine tasting and supper, Szekszárd
21:00 h	Back to Budapest

Thursday, July 09, 2009

Departure