



69th IIRB Congress, Brussels

15. and 16. February 2006,

Bedford Hotel (Armstrong Hall)

PROGRAMME

WEDNESDAY 15TH FEBRUARY

8h30	General Assembly
9h30	Presidential Address - FRANS TIJINK
Session 1: Soil management – Organiser: Frans Tijink (IRS)	
9h45	EU Soil Protection Strategy - NICOLAAS DE WIT (EU Commission – Environment Directorate-General)
10h15	Coffee break
10h45	Soil management for sustainable development in sugar beet cultivation – NICOL STOCKFISCH (IFZ)
11h05	Assessment of the stress at the soil surface caused by vehicle traffic in French agricultural and forestry systems– EMMANUEL LEVEQUE <i>et al.</i>
11h25	Prevention of traffic-induced soil compaction– FRANS TIJINK (IRS)

11h45	Response of sugar beet crop to reduced soil tillage. Results of long-term trials in Estées-Mons (France)– HUBERT BOIZARD <i>et al.</i>
12h05	Importance of soil structure for root growth and yield of sugar beet– HEINZ-JOSEF KOCH
12h25	Discussion
12h40	Lunch (served in the hotel– only with prior reservation)

Session 2: Drought stress and irrigation – Organiser: John Pidgeon (Broom's Barn)

14h10	Impact of water stress on sugar beet quality – KHALID FARES
14h30	Irrigating sugar beet (<i>Beta vulgaris</i> L.) by means of a decision support system in Italy– ERMAN GABELLINI <i>et al.</i>
14h50	Importance of cambium ring formation for sucrose storage under drought conditions– CHRISTA HOFFMANN (IFZ)
15h 10	Impact of drought stress on sugar beet growth and sugar accumulation. Consequences for adjusting the STICS model– MARIE LAUNAY <i>et al.</i>
15h30	Regulated deficit irrigation in autumn sown sugar beet - RODRIGO MORILLO VELARDE (AIMCRA)
15h50	Discussion
16h00	Opening of Poster session and coffee break
17h30	End of day one
18h30	Celebration of the 75th anniversary of the IIRB – reception at Brussels' town hall on Grand Place

THURSDAY 16TH FEBRUARY

Session 2: Drought stress and irrigation – Organiser: John Pidgeon (Broom's Barn)

8h30	Evidence for genotypic differences in water use efficiency (WUE) during drought and how to improve WUE through selection – ERIC OBER (Broom's Barn)
8h50	Using a growth model-based drought stress index for assessing drought tolerance in multi-environment sugar beet variety trials – JOHN PIDGEON <i>et al.</i> (Broom's Barn)
9h10	Discussion

Session 3: Open session – Organiser: Robert Olsson (SBU)

- 9h20 The selection and characterisation of *Polymyxa betae* resistance derived from wild Betae species – MICHAEL ASHER (Broom's Barn)
- 9h40 Investigations into the interactions between Beet mild yellowing virus (BMV) and Beet necrotic yellow vein virus (BNYVV) in susceptible and rhizomania-resistant varieties – MARK STEVENS *et al.* (Broom's Barn)
- 10h00 Discussion
- 10h10 **coffee break**
- 10h40 Concentration dynamics of DMI and QoI fungicides in sugar beet leaves – VITTORIO ROSSI
- 11h00 Comparison between resistance-management strategies for controlling Cercospora leaf spot on sugar beet – GIANCARLO BELTRAMI (BETA)
- 11h20 Durability of two cyst nematode *Heterodera schachtii* resistant sources – OLIVIER PLANTARD *et al.* (ITB)
- 11h40 Resistance in aphids to neonicotinoid insecticides, including imidacloprid, - good news so far – ALAN DEWAR *et al.* (Broom's Barn)
- 12h00 Agronomic measures to improve the storability of sugar beet - CHRISTINE KENTER *et al.* (IfZ)
- 12h20 Discussion
- 12h30 Lunch (served in the hotel– only with prior reservation)
- 13h50 Top tare determination through image processing – JEAN LEVEQUE (CGB)
- 14h10 Yield potential in the North German sugar beet cultivation. How can it succeed under the new economic restrictions? – Clemens Becker et al.
- 14h30 The impact of climate on sugar beet yield in the UK since 1976 – KEITH JAGGARD (Broom's Barn)
- 14h50 The sugar beet's future – 15 tonnes or 15 euro? – BERNWARD MARLÄNDER (IfZ)
- 15h10 Discussion
- 15h30 **End of congress**