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 et al.
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 et al.
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 (Beta vulgaris L.) by means of a decision support system in Italy – ERMAN GABELLINI et al.
14h50  Importance of cambium ring formation for sucrose storage under drought conditions – CHRISTA HOFFMANN (IFZ)
15h10  Impact of drought stress on sugar beet growth and sugar accumulation. Consequences for adjusting the STICS model – MARIE LAUNAY et al.
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 et al. (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 (BMYV) 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 Qol 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 MÄRLÄNDER (IfZ)
15h10 Discussion
15h30 *End of congress*