

publications & PRESENTATIONS

Refereed journal articles

Aitken K, Jackson PA, McIntyre CL. Construction of a genetic linkage map of a sugarcane variety (*Saccharum* spp.) using AFLP and SSR markers. *Theoretical and Applied Genetics*, accepted.

Casu RE, Manners JM, Bonnett GD, Jackson PA, McIntyre CL, Dunne R, Chapman SC, Rae AL, Grof CPL (2004) Genomics approaches for the identification of genes determining important traits in sugarcane. *Field Crops Research*, in press.

McQualter RB, Fong Chong B, Meyer K, Van Dyk DE, O'Shea MG, Walton NJ, Viitanen PV, Brumbley SM (2004) Initial evaluation of sugarcane as a production platform for *p*-hydroxybenzoic acid. *Plant Biotechnology Journal*, in press.

Rae AL, Grof CPL, Casu RE, Bonnett GD (2004) Sucrose accumulation in the sugarcane stem; pathways and control points for transport and compartmentation. *Field Crops Research*, in press.

Refereed conference papers

Grice J, Wegener MK, Romanach LM, Paton S, Bonaventura P, Garrad S (2004) Attitudes to genetic engineering among sugarcane industry stakeholders. *Proceedings of the 26th Australian Society of Sugarcane Technologists Conference*. 4-7 May, Brisbane, Australia.

Public presentations, public relations and communication

Conference presentations

Beveridge CA (2003) Physiology of Shoot Architecture. *Sugarcane Physiology 2003: Integrating from cell to crop to advance sugarcane production*. 2-4 September, Clear Mountain, Brisbane, Australia.

Brumbley SM, Purnell MP, Petrasovits L, O'Shea MG, Nielsen LK (2004) Development of sugarcane as a biofactory for biopolymers. *Plant and Animal Genome XII Conference*. January 10-14, San Diego, California, USA.

Brumbley SM, Petrasovits L, Purnell MP, O'Shea MG, Nielsen LK (2003) Production of polyhydroxyalkanoates in sugarcane. *Asia Pacific Biochemical Engineering Conference*. 30 November-4 December, Brisbane, Australia.

Casu RE, Manners JM, Bonnett GD, Jackson PA, McIntyre CL, Dunne R, Chapman SC, Rae AL, Grof CPL (2003) Genomics approaches for the identification of genes determining important traits in sugarcane. *Sugarcane Physiology 2003: Integrating from cell to crop to advance sugarcane production*. 2-4 September, Clear Mountain, Brisbane, Australia.

Grof CPL, Rae AL, Perroux JM, Albertson PL, Casu RE, Bonnett GD, Manners JM (2003) Characterisation and localisation of a novel class of hexose transporters in sugarcane. *Proceedings of the International Conference on Phloem Transport*. 31 August-5 September, Bayreuth, Germany.

Karno, Beveridge CA, Lakshmanan P, Bonnett GD (2004) Bud outgrowth of different sugarcane genotypes. *Proceedings of the 26th Australian Society of Sugarcane Technologists Conference*. 4-7 May, Brisbane, Australia.

Nutt K, Smith GR, Allsopp PG, Walsh TP (2003) Insect-derived insect resistance as a novel method for control of sugarcane whitegrubs. *5th International Society of Sugarcane Technologists Entomology Workshop*. 23-29 November, Montego Bay, Jamaica.

Rae AL, Grof CPL, Casu RE, Bonnett GD (2003) Sucrose accumulation in the sugarcane stem; pathways and control points for transport and compartmentation. *Sugarcane Physiology 2003: Integrating from cell to crop to advance sugarcane production*. 2-4 September, Clear Mountain, Brisbane, Australia.

Industry presentations

Brumbley SM (2004) The Coming of Age of Biology: Promises of a prosperous future for sugarcane. Presentation to Federal Parliament's Industry Policy Committee, 21 June, Canberra, Australia.

Brumbley SM (2004) Sugarcane: a high biomass biofactory for a sustainable future. Presentation at the Sugar Industry Awards night, 9 April, Tully, Australia.

Jackson P (2004) Sugarcane introgression studies. Presentations to industry representatives in Burdekin and Herbert regions, 24 and 26 February, north Queensland, Australia.

Morris SE, Critchley C (2004) New CRC for biotechnology in sugarcane. BSES Limited Central Field Day, 20-21 May, Mackay, Australia.

Nielsen LK, Brumbley SM (2004) CRC SIIB presentation 'Options for the future sugarcane industry - a high risk/high reward strategy'. Presentation to key industry personnel, 26 May, BSES Limited, Brisbane, Australia.

Nielsen LK, Brumbley SM (2004) CRC SIIB sugarcane industry biorefinery and biofactory programs. Presentation to Senator Ron Boswell, 15 April, BSES Limited, Brisbane, Australia.

CEO Peter Twine made a series of presentations to growers, industry representatives, company representatives and politicians on the sugar industry's exciting opportunities. Starting in Brisbane in October 2003, he travelled to many canegrowing areas in northern nsw and Queensland, and spoke with representatives from both the canegrowing and milling sectors.