

2003

## Patents, Journal Publications & Presentations

1. Birkett, H. S. (2003) **Core Lab Sugar Prediction Factory Performance and Liquidation Factor**. Sugar Bulletin. 81, 12: 14-16.
2. Broadhurst, H. A., Rein, P.W. (2003) **Modeling Adsorption of Cane Sugar Solution Colorant in Packed-bed Ion Exchange**. AIChE J. 49, 10: 2519-2532.
3. Broadhurst, H. A., Rein, P.W. (2003) **Deconvolution of GPC Chromatograms of Sugar Solutions**. ZuckerIndustrie. 127, 2: 96-99.
4. Day, D. F. (2003) **Methods of Dextran Analysis**. Sugar Bulletin. 81, 7: 15-16.
5. Day, D. F., Ott, C. M., Mayo, J.A., Kim, K. (2003) **A Multi-Component Safe Biocidal Complex**. US Patent. filed 8/24/1999.
6. Endres, T., Muzzell, D., Rein, P.W., White, B (2003) **Measurement of Recoveries and Losses at Raceland Mill**. ASSCT, Baton Rouge, LA.
7. Kampen, W. H., Day, D. F. (2003) **Organic Acids (+)**. Amer. Soc. Sugar Cane Technol. Annual Meeting, Feb 4-5, Louisiana Division, Baton Rouge, LA.
8. Kampen, W. H. (2003) **The Biorefinery**. Int. Sugar J., in press.
9. Madsen II, L., Rein, P.W., and White, B (2003) [Evaluation of a Near Infrared Spectrometer for the Direct Analysis of Sugar Cane](#). ASSCT, 23: 80-92.
10. Rein, P. W. (2003) **Optimum Use of Water and Condensate in a Sugar Mill**. Sugar Bulletin. 82, 1: 11-14
11. Rein, P. W. (2003) **Cane Preparation -Knifing vs. Shredding**. Sugar Bulletin. 81, 11: 16-18
12. Rein, P. W., Echeverri, L.F. (2003) **Circulation in Vacuum Pans**. ASSCT, Destin, FL, June 26-28
13. Rein, P. W. (2003) **Education and Training at the Audubon Sugar Institute**. Int. Sugar J. 105, 1249: 20.
14. Rein, P. W. (2003) **The importance of Achieving a High Crystal Content in High Grade Masseccutes**. Sugar Bulletin. 81, 8: 12-17.
15. Saska, M., Rousset, F., Theoleyre, M., Gula, F. (2003) **Raffinate Regeneration of Ion-Exchange Softeners in the Beet Sugar Industry**. ASSBT, San Antonio, TX, Feb 26-Mar 1.
16. Saska, M. (2003) **Hard to Boil Masseccutes**. ASSCT, Baton Rouge, LA.

17. Saska, M. (2003) **Heat Transfer Rates in Boiling of Cane Syrups and Molasses & the Phenomenon of 'Hard to Boil' Massecurites**. Proc. Sugar Ind. Technol. Conf., Hamilton Island, Australia, May 4-7.

