

SILVA, MARCELO MOREIRA DE<sup>1</sup> and EDUARDO IEDA<sup>2\*</sup>, <sup>1</sup>Mecat Filtracoes Industriais, Rodovia Br 060 Km 213, Abadia de Goias, Goias 74 423-970, Brazil and <sup>2</sup>MECAT, Av. Hercules Pereira Hortal, 1366, Bebedouro, Sao Paulo 14 701-200, Brazil. **Initial results and first impressions with the Turbofilter.**

The use of the Turbofilter to remove insoluble solids on the “diffusion juice” and on the “cold lime juice”, evaluating its overall performance in the process. On the “cold lime juice”, lime is added initially to elevate the pH to 11.1 to precipitate oxalates, citrates and pectins to be removed from the juice; removing them would help the remaining steps of the sugar production.