

Raw Material Preparation & Cooking For Agro-Based Paper Manufacturing

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ABSTRACT

Raw materials used for paper products vary widely, covering the entire spectrum from synthetic to natural fibers. The limitation of use for industrial applications of agro-based fibers has long been surpassed. Even though underrated as a potential fiber source, bagasse now draws more and more attention of the paper industry for making good quality of paper. Industries are using raw material as per their geographical location. As the climate conditions are different and the raw material is stored in open environment, it needs due care from the point source of storage. Raw material storage is an important issue for making good quality of paper as number of factors affects the quality of stored raw material. Special attention should be focused on the raw material storage & preparation. Dry de-pithing/ dedusting, storage and wet cleaning are the main factors for quality angle for bagasse, wheat straw, sarkanda and grasses. The treatment of these raw materials affects the consumption of chemicals in bleaching and parameters of final bleached pulp.