

Agro Processing & Agricultural Waste Products

Description:

Agriculture being a foundationstone for most budding economies, it would be benefiting to know about agroprocessing and waste management of agriculture produce. The book will act as anencyclopaedia for enriched information on the processing of a variety ofproducts manufactured from agro crops and the waste management of agricultureproducts. Agro processing can be defined as set of techno economic activitiescarried out for preservation and treatment of agricultural produce and to makeit useful as food, feed, fibre, fuel or manufacturing objects . Therefore, thespan of the agro-processing industry covers all operations from the phase ofharvest to the phase where the material reaches the end users in the desiredform, packaging, quantity, quality and price. Agro processing is a complexprocess and a clear understanding will certainly help to grow your business.The agro processing is functional to all the produces, originating fromagricultural farm, livestock, aqua cultural sources and forests for theirpreservation, treatment and value-addition to make them serviceable as food,feed, fibre, fuel or industrial raw materials.

The book deals with variedinformation on the agro product like Quality Parameters of Dehydrated Fruitsand Vegetables, Fruit Specific Preservation Technologies, General Properties ofFruits and Vegetables; Chemical Composition and Nutritional Aspects; StructuralFeatures. Some chapters provide information on the various by products of agroproducts like Alcohol from Potatoes, Activated Carbon from Saw Dust, Rice Huskand Coconut Shells, Cattle Feed from Molasses, Bio coal Briquettes fromAgriculture Cellulosic Waste, Maize Processing for Glucose etc.

The book also gives a touch tothe growth of agro processing Industries in India that has experiencedexpansion during last 5 decades, starting with a handful of facilities to thepresent level. The book in addition contains the number of products made fromagricultural waste. With the current expansion and growth of agro processingand the waste management the book will render you comprehensive information onthe project profiles, requirements of basic infrastructure like plant,machinery and raw materials and the addresses of their suppliers.

Agro processing has recentlyemerged as the dawn sector of the Indian economy with its enormous prospectivefor growth and direct assistance to economic aspect especially on employmentand income generation. A number of estimates propose that in developedcountries, up to 14 per cent of the total labour force is engaged inagro-processing sector directly or indirectly. Though, in India, a meagrenumber of 3 per cent of the work force finds employment in this sectorrevealing its underdeveloped state and vast untapped potential for employment.The book will provide you comprehensive information to tap the opportunitiesavailable in the sector.

Keywords: Parameters of Dehydrated, Fruits and Vegetables, Maize-Soya, Growth of Agro Processing, Nutritional Aspects, Chemical Composition, Preservation Technologies, Fruit Specific, Mango and Pineapple Pulp, Banana Wafers, Garlic Oil and Powder, Cellulosic Waste, Peeling Drying, Grinding Bleaching, Maize Processing for Glucose, Extruded Snacks

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