

Handbook on Agro Based Industries (2nd Revised Edition)

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Agro based industry refers to an industry that adds values to agricultural raw materials through processing in order to produce marketable and usable products that bring forth profits and additional income to the producer. The development of the agro industry can help stabilize and make agriculture more lucrative and create employment opportunities both at the production and marketing stages. The broad based development of the agro products industry will improve both the social and physical infrastructure of India. India is one of the largest producers of food, and is the second largest producer of rice, wheat, fruits, and vegetables in the world. Nearly 70% of the population depends on agriculture and agro-based industries. Since it would cause diversification and commercialization of agriculture, it will thus enhance the incomes of farmers and create food surpluses. It is a well recognized fact across the world, particularly in the context of industrial development that the importance of agro industries is relative to agriculture increases as economies develop. It should be emphasized that food is not just produce. Food also encompasses a wide variety of processed products. It is in this sense that the agro-industry is an important and vital part of the manufacturing sector in developing countries and the means for building industrial capacities. The development of agro-based industries commenced during pre-independence days. Cotton mills, sugar mills, jute mills were fostered in the corporate sector. During the post-Independence days, with a view to rendering more employment and using local resources, small scale and village industries were favored.

It is the second-largest producer of food in the world and spends more than a quarter of its expenditure on food and related items. Agriculture services attracted foreign direct investment (FDI) worth US\$1440 million (INR 69,124.8 million). Indian food industry is estimated to grow from the present US\$181 billion (INR 8688 billion) to US\$318 billion (INR 15264 billion) by 2020. The food processing sector in India has potential of attracting US\$33 billion (INR1, 584 billion) of investments in 10 years and generates employment of 9 mn person days.

The content of the book includes information about rubber. The major contents of this book are project profiles of projects like Agro Based Industries, Aloe Vera Juice, gel & Powder, Banana Powder, Charcoal Powder from Rice Husk, Coconut Oil, Disposable Plates from Banana Leaves, Drumstick Powder, Dry Lemon, Lemon Powder and Lemon Oil, Extraction of Ultra Pure Silicon from Rice Husk, Fruit Processing Ginger Products, Maize and Its Products, Mango Pickles, Potato Powder and Flakes , Rice Bran Oil. Project profile contains information like introduction, properties, uses, raw material, manufacturing process, process flow diagram, plant economics, land and building, fixed capital, working capital/month, total working capital/month, cost of project, turn over/annum, profit sales ratio, rate of return, breakeven point (B.E.P). This book is very useful for new entrepreneurs, technical institutions, existing units and technocrats.

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