The dairy industry plays an important role in our daily life. It is difficult to realize how fast changes are taking place in the dairy industry. Milk is an important human food, it is palatable, easy to digest and highly nutritive. One of the important factors affecting the total amount of milk produced and the way in which this milk is utilized is the demand for the various products. In order to prepare such a diversity of products, many different processes have been developed by the industry. There are numerous types of milk products such as ghee, butter, paneer, cheese, yogurt, ice cream powder, baby cereal food, cream, and so on. Each of these has been designed to take advantage of some particular property of milk. Dairy products are generally defined as food produced from the milk of mammals; they are usually high energy yielding food products. Enzymes play an important role in the production of cheese. Raw milk contains several native enzymes some of which can be used for analytical and quality purposes for example pasteurization can be assessed by determining indigenous alkaline phosphate activity. India is known as the Oyster of the global dairy industry, with opportunities galore to the entrepreneurs globally. Anyone might want to capitalize on the largest and fastest growing milk and milk products market. The dairy industry in India has been witnessing rapid growth. The liberalized economy provides more opportunities for MNCs and foreign investors to release the full potential of this industry. The main aim of the Indian dairy industry is only to better manage the national resources to enhance milk production and upgrade milk processing using innovative technologies. The major contents of the book are cholesterol, coronary heart disease and mil fat, cholesterol and cardiovascular diseases, fatty acids & cholesterol, factors affecting cardiovascular disease, application of enzymes in dairy and food processing, utilisation of milk components: casein, advances in the heat treatment of milk, varieties of sheep's cheese, whey cheese, potted cheese, filled cheese, testing butter at different stages, presentation of butter at different stages, condensed and evaporated milk, dried milk powder, skimmed powder, malted powder, butter powder, ghee yoghurt, technology processing of dairy and dairy products, dried milk shake, milk powder, dahi from sweet cream butter milk, packaging of dairy and milk products, dairy farm, dairy products & milk packaging in pouches, etc. Developments in the dairy industry are enough to justify a revision of a considerable amount of material in this book. This book deals with processes, formulae, project profiles, details of plant, machinery & raw materials with their resources etc. of various dairy products. This book will help all its readers from entrepreneurs to food industries, technocrats and scientists.

Contents

1. Cholesterol, Coronary Heart Disease and Mil Fat
Cholesterol and Cardio Vascular Diseases
Fatty Acids & Cholesterol
Factors Affecting Cardio Vascular Disease
Dietary Recommendations
Conclusion

2. Application of Enzymes in Dairy and Food Processing
Introduction
Enzymes in Dairy Industry
Enzymes in Food Industry

3. Utilisation of Milk Components: Casein
Extraction of Casein from Milk
Properties of Casein from Milk
Composition of Caseinates
Composition of Co-Precipitates
Industrial Uses of Casein
Uses of Rennet Casein

4. Developments in Cream Separation and Processing
Separation and Development in Separators
Vacreation
Consumer Cream Products
Packaging & Presentation of Cream

5. Advances in the Heat Treatment of Milk
Raw Milk
Pasteurisation
Sterilised and UHT Milks
Comparison of Direct/Indirect Processes
Volatile Sulphur components Milk
Flavour Improvement
Nutritional Value
Texture of UHT Milks
Heat Exchanger Fouling
Concluding Remarks

6. Utilisation of Milk Components: Whey
Production
Whey Characteristics
Processing of Whey
Unit Processing and Products
Lactose Production
Conclusion

7. Grading Dairy Produce
Early History
The Separator

8. The Cream Supply
Value of Well Mixed Cream

9. Grading of Milk and Cream
Knowledge Required
Grading Milk

10. Butter Grading
   Microflora of the Dairy
   Framing for Flavours
   Standardise
   Grading Statistics
   Commercial Grading & Buying
   Fixity of Flavour in Butter
   Butter Grading

11. Cheese
   Hard Varieties
   Factors of Viral Importance
   Process of Making Cheese
   Value of Experiments
   Varieties of Sheep's Cheese
   Whey Cheese
   Potted Cheese
   Filled Cheese

12. Refrigeration
   Testing Butter at Different Stages
   Presentation of Butter at Different Stages

13. Condensed and Evaporated Milk
   Dried Milk Powder
   Skimmed Powder
   Malted Powder
   Butter Powder
   Ghee
   Yoghurt
   Cheese
   Presentation of Common Defects in Cheese
   Processed Cheese

14. Milk

15. Co-Operative Role in Dairy Development

16. Technology Processing of Dairy and Dairy Products
   Milk Shake
   Combination
   Steps in Processing
   Dried Milk Shake Milk Powder
   Dahi from Sweet Cream Butter Milk
   Composition
   Acidoptiles Milk
   Yoghurt from Butter Milk
   Cheddar Cheese from Cow Milk
   Cheddar Cheese from Buffalo Milk
   Mozzarella Cheese
   Cottage Cheese
17. Packaging of Dairy and Milk Products
   Form Fill & Seal (FFS) System
   Aseptic System
   Butter

18. Baby Cereal Food & Milk Powders
   Introduction
   Uses & Application
   Manufacturing Processes of Milk Powder
   Raw Material Supplier
   Supplier of Plant & Machinery

19. Confectionery Industry-Semi Automatic Plant
   Introduction
   Properties
   Uses and Application
   Formulations
   Process of Manufacturing
   Suppliers of Plant & Machinery
   Suppliers of Raw Materials

20. Condensed Milk (Sweetened)
   Introduction
   Properties
   Uses & Application
   Methods of Manufacturing
   Address of Raw Materials Suppliers
   Address of Plant & Machinery Suppliers
   List of Plant & Machinery

21. Dairy Farm
   Introduction
   Uses & Applications of Milk
   Composition of Milk
   Manufacturing Process
   Refrigeration or Freezing System
   Addresses of Complete Plant & Machinery Suppliers
   List of Plant & Machinery

22. Dairy Products & Milk Packaging in Pouches
   Introduction
   Properties
   Uses & Application
   Manufacturing Process
   Suppliers of complete Plant & Machinery
   Suppliers of Raw Material
   List of Plant & Machinery
23. Flavored Milk
   Introduction
   Flouring Essence
   Process of Manufacture
   Supplier of Plant & Machineries

24. Ice Cream of Different Flavours
   Introduction
   Process of Manufacture
   Complete Plant & Machinery Suppliers
   Raw Material Suppliers

25. Milk Powder
   Introduction
   Composition of Dry Milk Powder
   Property of Milk Powder
   Process of Manufacture
   Suppliers of Raw Materials
   Suppliers of Plant & Machinery

26. Milk Toffee Manufactures
   Introduction
   Formulation
   Manufacturing Process
   Complete Plant & Machinery Suppliers
   Suppliers of Raw Materials

27. Milk Preservation and Marketing to Wholesalers
   Introduction
   Properties of Milk
   Buying & Collection of Milk
   Chilling & Transportation of Milk to Processing Station
   Manufacturing Process
   Suppliers of Raw Material, Plant & Machinery

28. Paneer
   Introduction
   Nature of cheese
   Classification of Cheese
   Uses & Applications
   Equipment's Required
   Process of Manufacture
   Plant & Machinery Supplier
   Raw Material supplier

29. Directory Section
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