

The Complete Technology Book on Flavoured Ice Cream (2nd Revised Edition)- Manufacturing Process, Flavours, Formulations with Machinery Details

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About the Book

Ice cream is a frozen-food, sweet in flavor and is consumed as a dessert all over the globe. Ice-cream comes in variety of flavors in which fruits, nuts and other ingredients can be added to enhance the nutritional value and organoleptic property of the product. It is stored in the freezing- temperature and contains mild preservatives. Ice Cream is a favourite food of millions around the world. Ice Cream is a palatable, nutritious and relatively inexpensive food. Ice Cream is composed of the mixture of food materials, such as milk products, sweetening materials, stabilizers, emulsifiers, flavours or egg products which are referred to as ingredients.

The rising demand for innovative flavors, formats and growing demand for impulsiveness to consume the product in developing countries is expected to drive the market growth. The increased demand for frozen desserts in the developed countries is supporting the sale of ice creams. The developing technologies have helped in enhancing and innovating new flavors in the ice creams which has also helped in fueling up the market share of the product. Ice Cream is among the largest supermarket food categories which is generating high revenue. The global ice cream industry is a prosperous industry and the positive growth momentum has attracted food giants to diversify and expand their product lines.

Some of the fundamentals of the book are composition of ice cream mixes, the role of the constituents, diet science and classification of ice cream, caloric content of ice cream and related products, milk fat content of ice cream, classification of ice cream and related products, artificially sweetened frozen dairy foods, ingredients of ice cream roles and properties, effect of sweetener on freezing point, influence on ice crystal size and texture, flavor, colour materials and preparation, ice cream mixer preparation, processing and mix calculations, the freezing process, the freezing point of ice cream mixes, ice cream handling, cleaning and sanitation, varieties, novelties and specials, molded cones, ice cream cone making, success story of natural ice cream, specifications of ice cream plant, process flow diagram, sample plant layout and photographs of machinery with supplier's contact details.

A total guide to manufacturing and entrepreneurial success in one of today's most lucrative food industries. This book is one-stop guide to one of the fastest growing sectors of the food industry, where opportunities abound for manufacturers, retailers, and entrepreneurs. This is the only complete handbook on the commercial production of ice cream. It serves up a feast of how-to information, from concept to purchasing equipment.

Contents

CONTENTS

1. ICE CREAM-HISTORY AND DEVELOPMENT

Historical Background

2. COMPOSITION OF ICE CREAM MIXES

Composition

The Role of the Constituents

Milk Fat

Milk Solid Not Fat (MSNF)

Sweetener Solids

Egg Yolk Solids

Stabilizers

Emulsifiers

Total Solids

Water and Air

Flavour

Importance of flavour

Colour

Optional ingredients

The Balanced Mix

Conditions That Limit the Balancing of a Mix

Mix Properties

Mix Stability

3. DIET-SCIENCE AND CLASSIFICATION OF ICE CREAM

Nutritional Value

Energy Value and Nutrients

Energy Content of Food

Caloric content of Ice Cream and related Products

Energy Content of Ice Cream and Related Products

Protein Content of Ice Cream

Milk Fat Content of ice cream

Milk Fat Content

Carbohydrates

Carbohydrates in Ice Cream

Minerals

Minerals in Ice Cream

Vitamins

Vitamins in Ice Cream

Palatability and Digestibility of Ice Cream

Classification of Ice Cream and Related Products

Commerical Grouping of Ice-Cream and

Related Products Plain Ice Cream

Chocolate

Fruit

Nut

Frozen Custard

Confection

Bisque

Puddings

Mousse

Variegated Ice Cream

Neapolitan

Ice Milk

Fruit Sherbet

Ice

Novelties

Frappe

Granite

Souffle

Frozen Yoghurt

Lacto

Fruit Salad

Fancy Moulded Ice Cream

This group includes

Mellorine-type Products

Artificially Sweetened Frozen Dairy Foods

Non Dairy Frozen Dessert

Labelling Requirement Grouping

Regulatory Type Classification

4. INGREDIENTS OF ICE CREAM-ROLES AND PROPERTIES

Sources of Milk Solids Not Fat

Milk

Milk Products used in Ice Cream Sources of Fat

Skim Milk

Butter Milk

Concentrated Skim Milk

Sweetened Condensed Milk

Skimmed Milk Powder

Special Commercial products

Whey Protein Concentrate

Mineral Salts

Unsalted Butter

Sweeteners

Sources of Sugar

Effect of Sweetener on Freezing point

Sucrose

Corn Sweeteners and Related Ingredients

Dextrose

Corn Syrup

Dried Corn Syrup

Invert Sugar

Honey

Other Sweeteners

Nonnutritive Sweeteners

Egg and Egg Products

Fat Replacers

Sugar Alcohols

Syrups

Stabilizers and Emulsifiers

Function of Stabilizers

Influence on Ice Crystal Size and Texture
Shape and Body Characteristics
Retention of Air
Role in Fat Destabilization
Control of Sandiness
Stabilizers
Casein
Sodium Alginate
Carrageenan
Guar Gum
Locust Bean Gum
Sodium Carboxy Methyl Cellulose (CMC)
Pectin
Agar-Agar
Xanthan Gum
Hydroxypropy Methyl Cellulose
Other Gums
Starch
Stabilizer Blends
Emulsifiers
Type of Emulsifiers
Glycerides
Distilled Monoglyceride
Polysorbates
Polyglycerol Esters
Fruit Acid Esters
Ethoxylated Mono and Diglycerides
Egg Yolk Solids
Function of Emulsifiers
Whipping Ability and Overrun Control
Stiffness and Dryness
Secondary Effect of Emulsifiers
Selection of Stabilizer and Emulsifier
Processing the Cocoa Beans

5. FLAVOURS AND COLOURS-MATERIALS AND PREPARATION 69

Flavours for Frozen Desserts
Vanilla
Imitation Vanilla Flavourings
Consistency in Vanilla Quality
Vanilla Ice Cream
Chocolate and Cocoa
Chocolate Ice Cream
Freezing Characteristics
Chocolate Confections
Fruits in Frozen Desserts
Fresh Fruit
Candied and Glaced Fruits
Dried Fruits
Procedures and Recipes

Strawberry Ice Cream
Raspberry Ice Cream
Peach Ice Cream
Cherry Ice Cream
Ice Cream with Complex Flavours
Sugar Free
Nuts
Spices and Salt
Colour in Frozen Desserts
Flavouring Lowfat and Nonfat Ice Cream

6. ICE CREAM MIXER-PREPARATION PROCESSING AND MIX CALCULATIONS 85

Preparation of the Mix
Combining the Ingredients
Pasteurization of the Mix
Pasteurization Renders the Mix
There are two basic Methods of Pasteurization
Homogenizing the Mix
Physical Effect of Homogenization
Homogenizing Temperature
Location of Homogenizer
Pressure for Homogenization
Care of the Homogenizer
Cooling the Mix
Ageing the Mix
Making the Mix in a Vacuum pan
Forewarming
Concentrating the Dairy Products
Weighing the Concentrated Dairy Products
Adding Sugar and Stabilizer, and Pasteurizing
Flavouring Mixes
Cooling, Standardizing and Ageing
Packaging Mixes for Sale
Calculation of ice Cream Mixes
The Importance of Calculations
Mathematical processes Most Frequently Used
Methods of Calculating Mixes
Pearson Square Method
Arithmetical Method
Calculating Mixes with the Serum Point Method
Mix Decisions
Simple Mixes
Complex Mixes

7. THE FREEZING PROCESS

The Freezing Point of Solutions
The Freezing Point of Ice Cream Mixes
Prefreezing Tests
Freezing Operations
Changes that take Place during the Freezing Process

Refrigeration Needed to Freeze Ice Cream

Types of Freezers

The Continuous Freezer

The Refrigeration System

Operating the Continuous Freezer

Batch Freezer

Freezing Procedure for Batch Freezers

8. ICE CREAM HANDLING

Considering the Package

Requirements for Packaging

Paper

Substance of Paper

Stiffness

Ink

Wax

Adhesive

Wax Content

Odour and Taint

Toxicity

Resistane to Deep Freezing

Leak Proofness

Paper Board

Thickness

Wax Content

Stiffness

Ink

Wax Quality

Adesive

Odour and Taint

Manufacturer's Joint

The Packaging Operation

Packaging for Direct Sale to Consumers

Economy in Packaging Operations

The Hardening Process

Factors Affecting Hardening Time

Types of Hardening Facilities

Rapid Hardening Systems

Handling, Storing and Shipping

Shipping with Dry Ice

Quality is the Goal

9. CLEANING AND SANITATION

Principles of Cleaning

Cleaning

Rinsing

Removal of Sediment

Removal of Fat

Removal of Proteins

Removal of Mineral Deposits

After Rinsing with Clean Water



Cleaning Agents
 Alkalis
 Acids
 Water Chelating Agent
 Emulsifiers and Wetting Agents
 Protective Substances
 Composite Cleaning Agents
 Alkaline Composites
 Sanitization of Equipment
 Sanitary Environment
 Hygienic Personnel
 Test of the Finished Product
 Hazard Analysis and Critical Control Points (HACCP)
 HACCP Principles
 Summary

10. DEFECTS AND GRADING OF ICE CREAM

Flavour Defects
 Flavouring System
 Sweetener System
 Body and Texture Defects
 Defects of Body
 Defects of Texture
 Colour
 Package
 Melting Quality
 Defects of Melting Quality
 Defects in Ice Cream, their Causes and Prevention
 Evaluating Frozen Desserts
 Scoring Methods
 Ice Cream Clinics

11. VARIETIES, NOVELTIES AND SPECIALS

Plain Ice Cream
 Formula
 Variations
 Vanilla
 Strawberry
 Rose
 Coffee
 Caramel
 Mint
 Candy Ice cream
 Variations
 Peppermint Stick
 Butter Crunch
 Peanut Brittle
 Toffee
 Mint Chips
 Mithai Ice Cream (Gulabjamun)
 Mithai Ice Cream (Rasogulla)
 Mithai Ice Cream (Gajar Halwa)

Chocolate Ice Cream
Chocolate Malt
Chocolate Malt and Nuts
Chocolate Toffee
Chocolate Cool
Fruit Ice Cream
Variations
Banana
Pineapple
Apple
Orange
Orange Pineapple
Lemon
Grape
Custard Apple
Date
Sapota
Mango
Strawberry
Blueberry
Raspberry
Nut Ice Cream
Variations
Butterscotch
Almond Walnut
Almond Toffee
Peanut
Caramel Nut
Fruit and Nut
Coconut Pineapple
Tutti-Frutti
Banana Nut
Variegated or Rippled Ice Cream
Probiotic Ice-Cream
Manufacture of Prebiotic Ice-Cream
Labelling of Probiotic Foods
New Diet Science for Ice Cream
Sorbet and Ice Cream
Manufacturing Procedure
Ice Cream Mix
Sorbet
Freezing
Kulfi
Product Description
Technology
Innovations
Formulation of Kulfi
Optional Dairy Ingredients for Kulfi and Frozen Desserts
Sweet Fresh Cream and Fresh Milk
Frozen Cream
Fluid Whole and Skim Milk

Plain Condensed Skim Milk
Plain Condensed Whole Milk
Sweetened Condensed Whole or Skim Milk
Packaging
Physico-Chemical Aspects
Shelf Life
Decoration

12. ICE CREAM MICROBIOLOGY

Ice Cream as a Carrier Disease
The Bacterial Count of Ice Cream
Mix Ingredients as a Source of Bacteria
Dairy Products as a Source of Bacteria
Sugar as a Source of Bacteria
Stabilizers as a Source of Bacteria
Flavouring Materials as a Source of Bacteria
Strawberries, Raspberries or Black Berries
Peaches
Oranges and Lemons
Bananas and Mangoes
Dried Fruits
Fruit Juices
Nuts
Colours as a Source of Bacteria
Eggs as a Source of Bacteria
Destruction of Bacteria by Pasteurization
Recontamination of the Mix After Pasteurization
The Effect of Ageing on the Bacterial Count
The Effect of Freezing and Hardening on the Bacterial Count.
Bacteriological Standards for Ice Cream
Milk and Milk Products
Ice Cream Defined
Classification of Ice Creams and Related Frozen Foods
Composition of Commercial Ice Cream
The Ingredients Used in the Manufacture of Ice Cream
Quality of Dairy Products for Ice Cream
Sweeteners for Ice Cream
Ice-Cream Stabilizers
Flavouring Materials
Preparation of the Ice-Cream Mix
Technical Skill Necessary
Procedure in Calculating a Mix
Homogenizing the Mix
Ageing the Mix
Quality of Ice Cream
Ice-Cream defects
Body and Texture Defects
Colour Defects
Distribution of Ice Cream
Ice-Cream Making in the Home

13. METHODS OF LABORATORY TESTS

Judging Flavour and Aroma

Gerber Test for Fat in Milk and Cream

SNF and Total Solids in Milk by Lactometer

Analysis of Fat in ice Cream

Ether Extraction Test

Preparation of Sample

Procedure

Gerber Test

Apparatus and Reagents

Preparation of Sample

Procedure

Determination of Total Solids

Mojonnier Total Solids Test

Procedure

AQAC Official Method (AoAC International, 2000)

Determination of Acidity in Plain Ice Cream Mix

Determination of Free Fat in Ice Cream (Free Fat Estimate or FFE Value)

Apparatus and Reagents

Procedure

Calculation

Chromatographic Analysis

Stability to Heat Shock

Meltdown Test and Shape Retention

Farrall Homogenization Index

Measurement of Viscosity

Pipette Method

Borden Flow Meter Method

Brookfield Viscometer

Calculation

Test for Ammonia Leaks

Surface Tension

14. ICE CREAM NOVELTY IMPULSE PRODUCTS 255

Molded Novelties

Extruded Novelties

15. ICE CREAM SHELF-LIFE 259

Temperature Fluctuations and Ice Recrystalliation

The Role of Stabilizers

Maintaining Shelf-Life

16. ICE CREAM INGREDIENTS 263

Milkfat (or "Butterfat") /FAT

Milk solids-Not-Fat

Lactose Crystallization

Sweeteners

Stabilizers

Locust Bean Gum

Emulsifiers

Polysorbate 80

17. MIX CALCULATIONS FOR ICE CREAM AND

FROZEN DAIRY DESSERTS

Problem 1

Solution

Problem 2

Solution

Problem 3

Problem 4

Problem 5

Problem 6

Problem 7 (Using Liquid Sweeteners)

18. STRUCTURE OF ICE CREAM

Colloidal Aspects of Structure

Ice Cream Meltdown

Structure from the Ice Crystals

19. THEORETICAL ASPECTS OF THE FREEZING PROCESS

The Process of Crystallization

Importance of Crystallization Rate

Importance of Temperature Fluctuations and

Re-Crystallization

Formation of the Glassy Phase in Frozen Foods

Formation of a Dilute Glass

20. ICE CREAM MANUFACTURE

Blending

Pasteurization

Homogenization

Ageing

Freezing and Hardening

Hardening

21. ICE CREAM FLAVOURS

Introduction

Vanilla

Chocolater and Cocoa

Fruit Ice Cream

Nuts in Ice Cream

Colour in Ice Cream

22. HOMEMADE ICE CREAM

Ingredients Used

Preparation of the Ice Cream Mix

Aging the Mix

Freezing the Mix

Regular Vanilla Ice Cream

Low Calorie Vanilla Ice Cream

Milk Substitute Vanilla Ice Cream

Hints for Making Good Ice Cream

23. ICE CREAM FORMULATIONS

Ice Cream Mix General Compositon

Formulation Considerations

Economy Brands

Standard Brands

Premium Brands

Super-premium Brands

Suggested Mixes

24. AUTOMATIC ICE CREAM BAKING MACHINE

AGC-SERIES

Features

AGC Series

Features

Gas Burners

Scraping Device

Cone Ejector

Stacking Device

Output Details

Baking Process

25. NEW PROCESSING TECHNOLOGY -NEW PREMIUM

3D ICE CREAM PRODUCTS

Enhanced Market Opportunities

Low Capital & Flexibility

26. SAMPLE ICE CREAM CONE DRAWING 331

Design for Cone Diameter 30-40 mm

Design for Cone Diameter 40-50 mm

Design for Cone Diameter 50-56 mm

Design for Sugar Conges

Design for Cups

27. MOLDED CONES & CUPS

Process & Machines

28. ICE CREAM CONE MAKING

Product & Its Application

Market

Raw Material Requirements

Manufacturing Process

Wafer Cone Machine

Technical Parameter

Wafer Cone/Cup Pictures for Reference, Other Size & Shape
can be Customized

29. SUCCESS STORY OF NATURAL ICE CREAM

About Natural Ice Cream

Four Ps of Naturals ice cream

Product

Price

Place

Promotion
Success and the Future

30. SPECIFICATIONS OF ICE CREAM PLANT

1. Pasteurising: 200 Ltr
 2. Milk Pump with Filter
 3. Homogeniser
 4. Ice Cream Mix Phe
 5. Cooling Tower
 6. Ageing Vat
 7. Flavour Tank
 8. Continuous Freezer
 9. Fruit Feeder
 10. S.S. Piping for Ice Cream Mix Plant
 11. Skid For Ice Cream Mix Plant
 12. Control Panel
 13. Hardner Tunnel Model
- Equipments and Machinery for Ice Cream Plant
(200 LPH)
Technical Specification

31. PROCESS FLOW DIAGRAM

32. SAMPLE PLANT LAYOUT

33. PHOTOGRAPHS OF MACHINERY WITH SUPPLIER'S CONTACT DETAILS

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