Onion (Allium cepa L.) has been valued as a food and a medicinal plant since ancient times. It is also used indifferent forms of processed food, e.g. pickles, powder, paste, and flakes, and it is known for its medicinal values.

Garlic belongs to the genus Allium, which comprises of approximately 600 known species distributed over the whole northern hemisphere. Characteristic for Allium species are herbaceous, perennial bulbous plants with a typical leek odour.

Onion and Garlic are the spice commodities used for flavouring the dishes. These are considered as valuable medicinal plants offer variety of medicinal properties. Onion & garlic are important commercial crops with versatile applications. The demand for the processed products is increasing day by day due to its convenience to handle and use. Onion & Garlic can be processed into a wide variety of products. As per the estimate, approximately 6.75% of the onion produced is being processed. Besides fulfilling the constant demand of domestic population, India exports 13 to 18 lakh tons of onion annually worth around Rs. 2200 crores of foreign exchange revenue. Similarly in case of garlic, the production increased from 4.03 lakh tons to 12.26 lakh tons.

In the world market, the demand for onion and garlic products is increasing as they are hygiene and easy to handle, able to avoid wastage. There are good prospects for these processed products to export to gulf countries and even Europe. Overall, global Garlic market continues to indicate a perceptible growth. After China, India is the second largest producer of onion and enjoys 19% share of the global onion production. Maharashtra and Karnataka are the chief onion producing states in India and contribute near about 45% of the total production of onion in India. Production of onion in India is about 15m tones a year.

Proper placement of onion & garlic products (like; onion pickle, onion chutney, onion paste, garlic oil, garlic paste, garlic powder, garlic flakes, onion flakes, onion powder) in the departmental stores, super markets, shopping malls backed-up by publicity is the key to success. It is also possible to have tie-up with exclusive
restaurants, star hotels, renowned caterers for their regular requirements.

This handbook is designed for use by everyone engaged in the Onion & Garlic products manufacturing. Major contents of the book are Varieties of Onion, Onion Production, Onion Dehydration, Types of Garlic, Garlic Growing, Garlic Dehydration, Onion Pickle, Onion Chutney, Onion Paste, Garlic Oil, Garlic Paste, Garlic Powder, Garlic Flakes, Onion Flakes, Onion Powder, Pest Species and Pest Control of Garlic and Onion, Integrated Weed Management, Packaging, Product Advertising and Sales Promotion, Marketing, Plant & Machinery Photographs, Addresses of Plant & Machinery Suppliers, Sample Plant Layouts etc.

It will be a standard reference book for professionals, entrepreneurs, food technologists, those studying and researching in this important area and others interested in the field of Onion & Garlic products manufacturing.

Contents

1. INTRODUCTION OF ONION
   Nutrition per Serving of Onions
   Medicinal Value of Onion
   Effect
   Chemical Structure and Influences on Flavour
   Uses
   Culinary Uses
   Non-Culinary Uses
   Historical Use
2. VARIETIES OF ONION
   Yellow Onions or Brown Onions
   Red Onion
   White Onion
   Sweet Onions
   Green Onions or Scallions
   Pearl Onions
   Phytochemical Properties of Onion
   Health Benefits of Onion
   Cardiovascular Benefits
   Support for Bone and Connective Tissue
   Anti-Inflammatory Benefits
   Cancer Protection
   Other Health Benefits
   Diseases of Onion
   Damping-Off
   Purple Blotch (Alternaria Porri)
   Onion Smut
   Onion Smudge
   Black Mould
   Bacterial Brown Rot
   Onion Yellow Dwarf
   White Rot
   Neck Rot
3. ONION PRODUCTION
   Phases of Growth
   Vegetative Phase
   Bulbing Phase
   Blooming Phase
Climatic Requirements
Soil
Site Selection and Planting
Cultivars
Onion Sets
Irrigation
Weed Control
Pest Management
Harvest
Curing
Storing

4. ONION DEHYDRATION
Dehydrated Onion
Onion Varieties Suitable for Dehydration
Uses of Dehydrated Onions
Dehydration Practices for Onion
Solar Drying
Convective Air Drying
Fluidized Bed Drying
Microwave Drying
Infra Red Drying
Vacuum Drying
Freeze Drying
Osmotic Dehydration
Onion Dehydration Process
Processing Steps
Power Production and Energy Requirements

5. GARLIC – AN INTRODUCTION
Uses
Culinary Uses
Spiritual and Religious Uses
Historical Use
Other Uses
Properties of Garlic
Chemical Structure

6. TYPES OF GARLIC
1. Softneck Garlic
2. Hardneck Garlic
Diseases of Garlic
Health Benefits of Garlic
Cardiovascular Benefits
Garlic and Cancer
Anti-Inflammatory Benefits Across Body Systems
Antibacterial and Antiviral Benefits
Garlic and Blood Pressure
Antioxidative Effects of Garlic

7. GARLIC GROWING
Climate
Land Preparation
Soil/Nutrients
Soil Fertility
Planting
Plant Development
8. GARLIC DEHYDRATION

Drying

Methods of Drying
1. Hot Air Drying
2. Solar and Open Sun Drying

Experimental Setup
Design

Raw Material and Sample Preparation
Washing

Drying Process Flow Chart of Dehydrated Garlic

Equipment/Apparatus Used

Measurement of Variables
Air Temperature and Relative Humidity
Air Velocity

Solar Radiation

Initial Moisture Content (IMC)
Moisture Content during Drying Experiment

Equilibrium Moisture Content (E.M.C.)

Moisture Ratio (M.R.)
Drying Rate (D.R.)
Average Drying Rate (A.D.R.)

Quality Evaluation of Dehydrated Garlic

Rehydration Ratio, Coefficient of Rehydration
Comparison between Solar and Open Sun Drying

Freeze Drying
Fluidized Bed Drying

Dehydration Process

Dehydration Process Flow Diagram

Safety Precautions & Other Cares in Garlic Dehydration

9. ONION PICKLE

Introduction

Raw Material

Onion Pickle Manufacturing Process
Onion Pickle Process Flow Diagram

10. ONION CHUTNEY

Introduction

Manufacturing Process of Onion Chutney
Process Flow of Onion Chutney

11. ONION PASTE

Introduction

Nutrition Information of Onion Paste
Frozen Onion Paste
Manufacturing Process of Onion Paste
Process Flow of Onion Paste

12. GARLIC OIL

Introduction

Garlic Oil manufacturing Methods
Manufacturing Process
Removal of Undesired Material
Washing of Bulbs
Peeling
Crushing of Bulbs
A Steam Distillation
a. Hydrodistillation
b. Direct Steam Distillation
Advantages of Direct Steam Distillation
Disadvantage of Direct Steam Distillation
Inspection and Analyzing
Packing and Dispatching
Heart Diseases
Cholesterol Levels
Process Flow Diagram
Diabetes
Bodily Aches and Pains
Skin Problems & Other Infections
Other Ailments
13. GARLIC PASTE
Introduction
Manufacturing Process of Garlic Paste
Process Flow of Garlic Paste
14. GARLIC POWDER
Introduction
Uses of Garlic Powder
Manufacturing Process of Garlic Powder
Process Flow Diagram (Garlic Powder)
15. GARLIC FLAKES
Introduction
Manufacturing Process of Garlic Flakes
16. ONION FLAKES
Introduction
Properties of Onion Flakes
Uses of Onion Flakes
Manufacturing Process of Onion Flakes
Plant & Machinery Required
Raw Material Required
17. ONION POWDER
Introduction
Varieties of Onion Powder
Chemical Specification
Nutritional Information
Uses of Onion Powder
Meat Rubs
Bloody Maty Drinks
Spice Mixes
Dressings
Manufacturing Process of Onion Powder
Process Flow Diagram
Health Benefits of Onion Powder
Low in Fat and Calories
Potassium
Magnesium
Calcium
Low in Sodium

18. PEST SPECIES AND PEST CONTROL OF GARLIC AND ONION

(a) Indirect Pests of Garlic
Removal of Scapes
Weed Control
Insects
Onion Thrips
Onion Maggot
Armyworms
Wireworms
Nematodes
Diseases
Pink Root
Botrytis
Rust
Viruses
Pest Control
Disease Management
Onion and Garlic
Damping Off Symptoms
Management
Cultural Methods
Biological Method
Chemical Methods
Purple Blotch
Symptoms
Management
(i) Cultural Methods
(ii) Host Plant Resistance
(iii) Biological Methods
(iv) Chemical Methods
Stemphylium Leaf Blight
Symptoms
Management
Cultural Methods
Host Plant Resistance
Chemical Methods
Colletotrichum Blight/Anthracnose/Twister Disease
Symptoms
Management
Cultural Methods
Host Plant Resistance
Chemical Methods
Fusarium Basal Rot/Basal Plate Rot (Fusarium Oxysporum F.sp Cepaeae).
Symptoms
Management
Cultural Methods
Host Plant Resistance
Biological Methods
Chemical Methods
White Rot (Sclerotium cepivorum Berk)
Symptoms
Management
Cultural Methods
Biological Methods
Chemical Methods
Pink Root (Phoma (Pyrenoachaeta) Terrestris, Fusarium Solani)
Symptoms
Management
Host Resistance
Cultural Methods
Chemical Methods
Black Mold (Aspergillus Niger Van Tieghem. A. Fumigatus (Green Mold) and A Alliaceus)
Symptoms
Management
Cultural Methods
Chemical Methods
Bacterial Rots
Symptoms
Management
Viral Diseases (Transmitted by Various Aphid Species or Mechanically to Onion)
(i) Onion Yellow Dwarf Virus
Symptoms
Management
(ii) Iris Yellow Spot Virus
Symptoms
Management
Onion and Garlic
Thrips
Management
Cultural
Planting Date
Mulching
Irrigation
Barriers
Biological Control
Plant Resistance
Botanicals
Chemical
Maggot (Delia Antique)
Symptoms:
Pest Management
Cultural
Chemical Control
Army Worms (Spodoptera Exiguou, S.litura) and Helicoverpa Armigera Hubner
Pest Management
Bulb Mite (Rhizoglyphus Robini Claparede)
Management
Eriophyid Mite (Aceria Tulipae Keifer)
Management
Red Spider Mite (Tetranychus Cinnabarinus)
Management
19. INTEGRATED WEED MANAGEMENT
Weed Characteristics
Monitoring
Herbicides
Preventing Weeds
Crop Rotation
Cover Crops
Cover Crop Residues as Mulch.
Cover Crops as Living Mulch.
Stale Seedbed Preparation
Soil Solarization
Sanitation and Composting
Weed Problems
Yellow Sweetclover and White Sweetclover.
Seedling
Mature Plant
Nutsedge
Seedling
Young Plant
Mature Plant
Annual Bluegrass
Collar
Mature Plant
Dodder
Seedling
Mature Plant
Seeds

20. BUREAU OF INDIAN STANDARDS
Objectives
Quality Policy
Product Certification
Process of Setting Standards
Indian Standards for Onion
Indian Standards for Garlic

21. THE NATIONAL BUREAU OF AGRICULTURAL COMMODITY AND FOOD STANDARDS (ACFS)
Mission
Responsibilities
Structure
Notification of the National Committee on Agricultural Commodity and Food Standards
Thai Agricultural Standard Garlic
1. Scope
2. Quality
3. Sizing
4. Tolerances
5. Packing and Presentation
6. Marking and Labelling
7. Contaminants
8. Pesticide Residues
9. Hygiene
10. Methods of Analysis and Sampling
Annex A: Garlic Illustration
Annex B: Unit
Thai Agricultural Standard Onion
1. Scope
2. Quality
3. Sizing
4. Tolerances
5. Packing and Presentation
6. Marking and Labelling
7. Contaminants
8. Pesticide Residues
9. Hygiene
10. Methods of Analysis and Sampling
Annex A: Onion Illustration
Annex B: Unit
22. PACKAGING
Packaging, Flexible
Introduction
Forms of Flexible Packaging
Manufacturing Techniques
Uses and Types of Flexible Packaging
Industrial Packaging
Metal Cans
Raw Materials for Can-Making
Steel
Aluminium
Can-Making Processes
Two-Piece Cans (Drawn Cans)
Single Drawn Cans
Drawn and Redrawn Cans (DRD)
Drawn and Wall-Ironed (DWI) Cans
Drawn and Ironed Cans (DI)
Three-Piece Cans
End-Making Processes
Coatings, Film Laminates and Inks
Container Handling
Storage and Distribution
Glass Containers
Attributes of Food Packaged in Glass Containers
Glass and Glass Container Manufacture
Melting
Container Forming
Design Parameters
Surface Treatments
Hot End Treatment
Cold End Treatment
Low-Cost Production Tooling
Container Inspection and Quality
Thermal Processing of Glass Packaged Foods
Glass Pack Design and Specification
Concept and Bottle Design
23. PRODUCT ADVERTISING AND SALES PROMOTION
Advertising
Advertising Mediums
Sales Promotion
Objectives of Sales Promotion
Different Chennels for Sales Promotions
1. Consumer Promotions
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