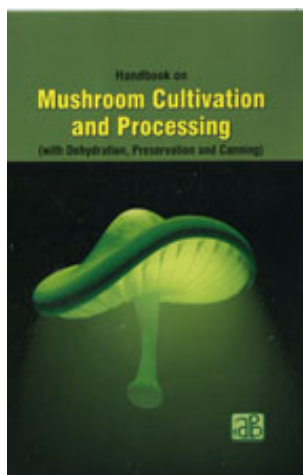


Handbook on Mushroom Cultivation and Processing (with Dehydration, Preservation and Canning)



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Mushroom has been attracting attention of mankind since ancient times and use of mushroom, as food is as old as human civilization. It is very rich in protein, vitamins and minerals. Unfortunately, it is realised that mushrooms did not receive universal acceptance over the years since a number of naturally growing mushrooms are poisonous. Now the situation has been changed because the cultivated edible mushrooms are totally safe for human consumption. The present book contains cultivation, processing, dehydration, preservation and canning of various species of mushrooms. It is very useful book for agriculturists, researchers, agriculture universities, consultants etc.

Contents

1. NUTRITIVE VALUE OF EDIBLE MUSHROOMS
2. MEDICINAL VALUE OF MUSHROOMS
3. ADVANTAGES OF MUSHROOMS
How to Avoid Discomfort While Eating Mushrooms?
4. POISONOUS MUSHROOMS
Distinctive Features of Poisonous Mushrooms
Symptoms of Mushroom Poisoning
How to Avoid Mushroom Poisoning
5. MORPHOLOGY OF COMMON EDIBLE MUSHROOMS
Agaricus Bisporus
Volvariella Volvacea
Pleurotus Sajor-caju
6. COMMON EDIBLE MUSHROOMS OF INDIA
7. WHERE AND WHEN TO GO MUSHROOMING

8. HOW TO COLLECT AND IDENTIFY FUNGI

Steps in the Description of Macro-and Micro-characteristics of Gill Fungi

(Mode of development)

9. CLASSIFICATION OF FUNGI - A BRIEF SURVEY

Fungi

Ascomycetes

Basidiomycetes

Deuteromycetes-Fungi Imperfecti

10. DELICIOUS RECIPES OF MUSHROOM

Mushroom omelette

Stuffed Potatoes

Mushrooms on Toast

Mushroom Soup

Mushroom Pakoras

Mushroom Pulao

Mushroom Pickle 1

Mushroom pickle 2

Mushrooms and Peas

Mushrooms and Paneer

Mushroom Samosa

Liver with Mushroom

11. CHEMICAL COMPOSITION, ANTI-NUTRITIONAL FACTORS AND SHELF-LIFE OF OYSTER MUSHROOM (PLEUROTUS OSTREATUS)

Material and Methods

Results and Discussion

Conclusion

12. COMPOSITION AND FOOD VALUE OF SCLEROTIUM (OSU) AND EDIBLE MUSHROOM (PLEUROTUS TUBER-REGIUM)

Conclusion

13. OSMOTIC DEHYDRATION CHARACTERISTICS OF BUTTON MUSHROOMS

Materials and Methods

Results and Discussion

14. EFFECT OF MODIFIED ATMOSPHERE PACKAGING ON LOW MOLECULAR WEIGHT CARBOHYDRATES OF OYSTER MUSHROOMS

Materials and Methods

Results and Discussion

15. MUSHROOM CULTIVATION

Advantages of mushroom cultivation

Comparison of nutritive value of mushrooms with other foods

Salient features of mushroom cultivation

Importance of mushroom cultivation for India

Types suitable for cultivation

16. CULTIVATION OF WHITE BUTTON MUSHROOM (AGARICUS BISPORUS)

Temperature

Moisture

Ventilation

Good Spawn

Suitable Growing Space

Compost and Methods of Composting

Nature and Quality of the Basic Material

Organic and Inorganic Supplements

Management of the Compost During Composting

Long Method
Short Method
A Compost Fermentation Method by Means of
Forced Air Circulation
Fermentation Chamber for Compost
Formulation of Compost
Process of Composting and Fermentation
Mechanical composting
Loading the Barrel
Composting Cycle
Spawn and Methods of Spawning
Advantages of Grain Spawn
Disadvantages of Grain Spawn
Methods of Preparation of Grain Spawn
Agaricus bisporus
Volvarellia volvacea
Factors Determining the Amount of Spawn Needed
Method of Spawning
Storage of Spawn
Casing
Sterilisation of Casing Soil
Chemical Sterilisation
Time of Casing
Cropping and Harvesting
Diseases
Soft Mildew or Cobweb (*Dactylium dendroides*)
Brown plaster mould (*Papulospora byssina*)
White plaster mould (*Scopulariopsis fumicola*)
Olive green mould (*Chaetomium olivacearum*)
Inky cap (*Coprinus lagopus* and *C. comatus*)
Green Mould (*Trichoderma viride*)
Truffle disease (*Pseudobalsamia microspora*)
Bubble disease (*Mycogone perniciosa*)
Dry Bubble, Brown Spot Disease
(*Verticillium malthousei* or *V. psiallistae*)
Bacterial Blotch (*Pseudomonas tolaassi*)
Virus Diseases
Control
Insect Pests
Sciarids
Phorids
Spring tails
Cecid
Mites
Nematodes
Control
Fungicides for Mushroom Diseases Insecticides for Mushroom Pests
Abnormalities of Mushrooms
Rose comb
Long stalked mushroom
Scaly and cracked mushroom
Open Mushrooms
Stroma

Preservation
Storage in Fresh Conditions
Controlled Atmosphere
Preservation by Gamma Radiation
Freeze Drying
Steeping preservation
Dehydration of Mushrooms
Canning of Mushroom
Do's and Don'ts of Mushroom Growing
Mushroom Farm Design
Construction and Insulation
Peak Heating Chamber/bulk Chamber/tunnel
Initial Consideration/Work Plan
Casing Pasteurization Chamber
Economically Viable Commercial Button Mushroom Unit
Economics
Fixed costs
Variable Costs
Economics of Canned Product

17. CULTIVATION OF AGARICUS BITORQUIS

Harvesting
False truffle (*Diehlomyces microspora*)
Control
Bacterial Blotch and Pests
Control

18. CULTIVATION OF PADDY STRAW MUSHROOM (*VOLVARIELLA* SPP.)

Diseases and Pests
Preservation
Canning
Economics of Production of Paddy Straw Mushroom

19. CULTIVATION OF PLEUROTUS SPP.

Method of Cultivation
Preparation of Spawn
Cultivation
Economics of Pleurotus Cultivation in Hells on a Small Scale

20. CULTIVATION OF STROPHARIA RUGOSO ANNULATA

Cultivation
Layout of Beds
Production and Planting of Spawn
Cropping
Harvesting

21. CULTIVATION OF AURICULARIA SPP. (JEW'S EAR)

Laying of logs
Cropping yard
Bag method cultivation
Harvesting

22. CULTIVATION OF FLAMMULINA VELUTIPES

Cultivation
Spawn
Spawning and Cropping

23. CULTIVATION OF PHOLIOTA NAMEKO

Moisture, light and aeration
Japanese Method

Spawn
Inoculation
Laying
Raising
Cropping
Taiwan Method of Cultivation
Construction of plastic mushroom growing houses
Preparation of sawdust medium
Bagging and sterilization of medium
Inoculation and incubation
Fruiting
Cropping
Mori
Ham
Song
Royse
Difference between bag method and log method of cultivation
Important factors

24. TYPES OF MUSHROOMS

Orange Peel Fungus
Aleuria aurantia (Pers. ex Hook.) Fuckel
Otidea Onotica
(Batsch ex S.F. Gray) Fuckel
Sarcosphaera crassa
(Santi ex Steudel) Pouz
Discina Perlata (Fr.) Fr
Lorchel, Turban Fungus
Gyromitra esculenta (Pers. ex Pers.) Fr
Common White Helvella, False Morel
Helvella Crispa (Scop.) ex Fr.
Common Morel
Morchella esculenta Pers. ex St. Amans
Morchella Elata Fr
Early Morel
Verpa bohemica (Krombh.) Schroet
Choiromyces venosus
(Fr.) Th. Fries
Summer Truffle, Common (English) Truffle
Tuber aestivum Vitt
Winter Truffle
Tuber Brumale Vitt
Elaphomyces Granulatus Fr
Common Earth-ball
Scleroderma citrinum Pers
Pisolithus Arrhizus
(Pers.) Rauschert
Astraeus hygrometricus
(Pers.) Morg
Cyathus Striatus
(Huds.) ex Pers
Sphaerobolus Stellatus
Tode ex Pers
Bovista Nigrescens

Pers. ex Pers
 Common Puffball
 Lycoperdon perlatum Pers. ex Pers
 Giant Puffball
 Langermannia gigantea (Batsch ex Pers.) Rostk
 Geastrum triplex Jungh
 Wood Witch, Stinking Polecat, Stinkhorn
 Phallus impudicus L. ex Pers
 Hysterangium Graveolens Velen
 Anthurus archeri
 (Berk.) E. Fischer
 Blackening Russula
 Russula nigricans (Bull. ex Merat) Fr.
 Common Yellow Russula
 Russula ochroleuca (Pers.) ex Fr.
 Cracked Green Russula
 Russula Virescens (Schaeff. ex Zanted.) Fr.
 Bare-toothed Russula
 Russula vesca Fr.
 Russula Cyanoxantha
 (Schaeff. ex Schw.) Fr.
 Grass Green Russula
 Russula aeruginea Lindbl. in Fr.
 Russula Olivacea
 (Schaeff. ex Secr.) Fr.
 Russula Mustelina Fr.
 Russula Xerampelina
 (Schaeff) ex. Fr. (S. Str.)
 Russula integra
 (L. ex Hook.) Fr.
 Russula paludosa Britz
 Sickener
 Russula emetica (schaeff. ex Fr.) S.F. Gray
 Russula sanguinea
 (Bull. ex St. Amans) Fr.
 Lactarius piperatus
 (Fr.) S. F. Gray
 Fleecy Milk Cap
 Lactarius vellereus (Fr.) Fr.
 Woolly Milk Cap
 Lactarius torminosus (Schaeff. ex Fr.) S. F. Gray
 Saffron Milk Cap
 Lactarius deliciosus (L. ex Fr.) S. F. Gray
 Lactarius helvus (Fr.) Fr.
 Lactarius volemus (Fr.) Fr.
 Strobilomyces floccopus
 (Vahl ex Fr.) P. Karst.
 Porphyrellus pseudoscaber
 (Sect.) ex Sing.
 Gyroporus castaneus
 (Bull. ex Fr.) Quel.
 Boletus cavipes
 Klotzsch in Fr.

Boletus variegatus
 Bow. ex. Fr.
 Gyrodon lividus
 (Bull. ex Fr.) Sacc
 Suillus grevillei
 (Klotzsch) Singer
 Suillus viscidus Fr.
 Suillus placidus
 (Bonorden) Sing.
 Slippery Jack
 Suillus luteus (L. ex Fr.) S. F. Gray
 Suillus fluryi Huijism
 Suillus granulatus
 (L. ex Fr.) O. Kuntze
 Phylloporus rhodoxanthus
 (Schw.) Bres
 Xerocomus parasiticus
 (Bull. ex Fr.) Quel.
 Xerocomus rubellus
 (Krombh.) Quel.
 Bay Boletus
 Xerocomus badius (Fr.) Gilb.
 Red-cracked Boletus
 Xerocomus chrysenteron (Bull ex St. Amans) Quel
 Xerocomus subtomentosus
 (L. ex Fr.) Quel.
 Xerocomus porosporus Imler
 Chalciporus piperatus
 (Bull. ex Fr.) Sing
 Boletus Lupinus Fr. SS. Romagnesi
 Red-stalked Boletus
 Boletus erythropus (Fr. ex Fr.) Krombh.
 Boletus Luridus
 Schaeff. ex Fr.
 Devil's Boletus
 Boletus satanas Lenz
 Boletus Impolitus Fr.
 Boletus aereus Bull. ex Fr.
 Boletus Aestivalis
 (Paulet) ex Fr.
 Edible Boletus, Cepe
 Boletus edulis Bull. ex Fr.
 Bitter Boletus
 Tylopilus felleus (Bull. ex Fr.) P. Karst.
 Krombholziella Aurantiaca
 (Bull. ex St. Amans) R. Maire
 Krombholziella Rufescens
 (Konr.) Sut.
 Krombholziella Oxydabilis (Sing.) Sut.
 Brown Birch Boletus
 Krombholziella Scabra (Bull. ex Fr.) R. Maire
 Paxillus involutus
 (Batsch ex Fr.) Fr.

Paxillus Atrotomentosus
 (Batsch ex Fr.) Fr.
 False Chanterelle
 Hygrophoropsis aurantiaca (Wulf. ex Fr.) R. Maire
 Omphalotus Olearius
 (DC. ex Fr.) Sing.
 Gomphidius Roseus
 (Fr.) P. Karst.
 Gomphidius Glutinosus
 (Schaeff. ex Fr.) Fr.
 Chroogomphus Rutilus
 (Schaeff. ex Fr.) O.K. Miller
 Ivory Wax Cap
 Hygrophorus eburneus (Bull. ex Fr.) Fr.
 Goat Moth Wax Cap
 Hygrophorus Cossus (Sow. ex Fr.) Fr.
 Pinewood Wax Cap
 Hygrophorus Hypothejus (Fr.) Fr.
 Hygrophorus marzuolus
 (Fr.) Bres.
 Camarophyllus Pratensis
 (Pers. ex Fr.) Kumm.
 Hygrocybe nigrescens
 (Quel.) Kuhner
 Hygrocybe punicea
 (Fr.) Kumm.
 Omphalina epichysium
 (Pres. ex Fr.) Quel.
 Gerronema chrysophyllum
 (Fr.) Sing.
 Laccaria amethystina
 (Huds. ex Hook) Cooke
 Laccaria laccata
 (Scop. ex Fr.) Cooke
 Clitocybe odora
 (Bull. ex Fr.) Kumm.
 Clitocybe clavipes
 (Pers. ex Fr.) Kumm.
 Clitocybe geotropa
 (Bull. ex St. Amans) Quel.
 Clitocybe maxima
 (F. Wett. ex Fr.) Kumm.
 Common Funnel Cap
 Clitocybe gibba (Pers. ex Fr.) Kumm.
 Clitocybe cerussata
 (Fr.) Kumm.
 Clitocybe candicans
 (Pers. ex Fr.) Kumm.
 Clitocybe brumalis
 (Fr. ex Fr.) Kumm.
 Lepista nebularis
 (Batsch ex Fr.) Harmaja
 Wood Blewitt, Blulette, Blue Leg

Lepista nuda (Bull. ex Fr.) W. G. Smith
 Blewitt, Bluettes, Blue Leg
Lepista saeva (Fr.) P. D. Orton
Tricholomopsis rutilans
 (Schaeff. ex Fr.) Sing.
Tricholoma caligatum
 (Viv.) Ricken
Tricholoma colossus
 (Fr.) Quel.
Tricholoma Fulvum
 (DC. ex Fr.) Sacc.
Tricholoma Vaccinum
 (Pers. ex Fr.) Kumm.
Tricholoma Portentosum
 (Fr.) Quel.
Tricholoma flavovirens
 (Pers. ex Fr.) Lund.
Tricholoma sejunctum
 (Sow. ex Fr.) Quel.
 Sulphurous *Tricholoma*
Tricholoma Sulphureum (Bull. ex Fr.) Kumm.
Tricholoma Columbetta
 (Fr.) Kumm.
Tricholoma Terreum
 (Schaeff. ex Fr.) Kumm.
 Honey Fungus, Honey Agaric, Shoestring Mushroom
Armillaria mellea (Vahl. ex Fr.) Kumm.
Lyophyllum connatum
 (Schum. ex Fr.) Sing.
Lyophyllum fumosum
 (Pers. ex Fr.) Orton
Tephrocybe atrata
 (Fr. ex Fr.) Donk
 St. George's Mushroom
Calocybe gambosa (Fr.) Donk
 Giant *Clitocybe*
Leucopaxillus giganteus (Sibth. ex Fr.) Sing.
Melanoleuca brevipes
 (Bull. ex Fr.) Pat.
Catathelasma imperiale
 (Fr.) Sing.
 Wood Woolly-foot
Collybia Peronata (Bolt. ex Fr.) Kumm.
 Russet Shank
Collybia Dryophila (Bull. ex Fr.) Quel.
 Greasy Tough Shank
Collybia butyracea (Bull. ex Fr.) Quel.
 Spotted Tough Shank
Collybia maculata (Alb. et Schw. ex Fr.) Kumm.
Hohenbuehelia Petaloides
 (Bull. ex Fr.) Schulz.
Megacollybia Platyphylla
 (Pers. ex Fr.) Kotl. et Pouz.

Slimy Beech Tuft
Oudemansiella mucida (Schrad ex Fr.) Hoehn.
 Rooting Shank
Oudemansiella radicata (Relhan ex Fr.) Sing.
Strobilurus Esculentus
 (Wulf. ex Fr.) Sing.
 Little Wheel Toadstool
Marasmius rotula (Scop. ex Fr.) Fr.
Marasmius scorodoni (Fr.) Fr.
 Fairy Ring Fungus, Fairy Ring Champignon, Scotch Bonnet
Marasmius oreades (Bolt. ex Fr.) Fr.
 Lilac *Mycena*
Mycena pura (Pers. ex Fr.) Kumm.
Mycena rosea
 (Bull.) ex Sacc. et Dalla Costa
Mycena fagetorum
 (Fr.) Gill.
Xeromphalina campanella
 (Batsch ex Fr.) R. Maire
 Velvet Shank, Winter Fungus
Flammulina velutipes (Curt. ex Fr.) Sing.
 The Miller
Clitopilus prunulus (Scop. ex Fr.) Kumm.
Nolanea verna
 (Lundell) Kotl. et Pouz.
 Livid *Entoloma*
Entoloma lividum (Bull. ex St. Amans) Quel.
Entoloma nidorosum
 (Fr.) Quel.
Entoloma hirtipes
 (Schum. ex Fr.) Moser
Volvariella speciosa
 (Fr.) Sing.
Pluteus cervinus
 (Schaeff. ex Fr.) Kumm.
 Grisette
Amanita vaginata (Bull. ex Fr.) Vitt
Amanita umbrinolutescens Secr.
 Fly Agaric
Amanita muscaria (L. ex Fr.) Hook
Amanita regalis
 (Fr.) Michael
 Caesar's Mushroom, Imperial Mushroom
Amanita caesarea (Scop. ex Fr.) Grev.
 Panther Cap
Amanita pantherina (DC. ex Fr.) Krombh.
Amanita gemmata
 (Fr.) Gill.
 Death Cap
Amanita phalloides (Fr.) Link
 Destroying Angel
Amanita virosa (Fr.) Bertillon
 False Death Cap

Amanita citrina (Schaeff) ex Roques
Amanita porphyrea
 (Alb. et Schw. ex Fr.) Schummel
Amanita spissa (Fr.) Opiz
 Blusher
Amanita rubescens (Pers. ex Fr.) S. F. Gray
Agaricus brunnescens Peck
 Red-staining Agaric Wood Mushroom
Agaricus silvaticus (Schaeff. ex Krombh) Kumm.
 Common Field Agaric, Meadow Mushroom
Agaricus campestris L. ex Fr.
Agaricus augustus Fr.
Agaricus abruptibulbus Peck
 Horse Agaric, Horse Mushroom
Agaricus arvensis Schaeff. ex Fr.
 Yellow Stainer
Agaricus xanthoderma Genev.
Lepiota cristata
 (Alb. et Schw. ex Fr.) Kumm.
Lepiota clypeolaria
 (Bull. ex Fr.) Kumm.
 Parasol Mushroom
Macrolepiota procera (Scop ex Fr.) Sing.
 Shaggy Parasol
Macrolepiota rhacodes (Vitt.) Sing
Macrolepiota excoriata
 (Schaeff. ex Fr.) Acker-Sch.
Cystoderma amianthinum
 (Scop. ex Fr.) Maubl
Cystoderma cinnabarinum
 (Alb. et Schw. ex Fr.) Maubl
 Shaggy Mane, Shaggy Cap, Lawyer's Wig
Coprinus Comatus (Mull. ex Fr.) S. F. Gray
 Common Ink Cap
Coprinus atramentarius (Bull. ex Fr.) Fr.
 Glistening Ink Cap
Coprinus micaceus (Bull. ex Fr.) Fr.
Panaeolus papilionaceus
 (Bull ex Fr.) Quel.
Psathyrella candolleana
 (Fr. ex Fr.) R. Maire
Psathyrella velutina
 (Pers. ex S. F. Gray) Sing.
 Yellow Cow-pat Toadstool
Bolbitius vitellinus (Pers. ex Fr.) Fr.
Agrocybe dura
 (Bolt. ex Fr.) Sing.
Agrocybe praecox
 (Pers. ex Fr.) Sing.
Stropharia rugosoannulata
 Farlow in Murrill
 Verdigris Agaric
Stropharia aeruginosa (Curt. ex Fr.) Quel.

Stropharia albonitens
(Fr.) P. Karst.
Brick Red Hypholoma, Bricktop, Bricktop Mushroom
Hypholoma sublateritium (Fr.) Quel.
Sulphur Tuft
Hypholoma fasciculare (Huds. ex Fr.) Kumm.
Hypholoma capnoides
(Fr. ex Fr.) Kumm.
Psilocybe semilanceata
(Fr. ex Weinm) Kumm.
Pholiota destruens
(Brond) Gill.
Shaggy Pholiota
Pholiota squarrosa (Pers. ex Fr.) Kumm.
Pholiota carbonaria
(Fr.) Sing.

Gymnopilus spectabilis
(Fr.) Sing
Gymnopilus sapineus
(Fr.) R. Maire
Kuehneromyces mutabilis
(Schaeff. ex Fr.) Sing. et Smith
Tubaria conspersa
(Pers. ex Fr.) Fayod
Crepidotus variabilis
(Pers. ex Fr.) Kumm.
Inocybe patouillardii Bres
Inocybe fastigiata
(Schaeff. ex Fr.) Quel.
Inocybe argillacea
(Pers. ex Pers.) Sing.
Inocybe lacera
(Fr.) Kumm.
Hebeloma radicosum
(Bull. ex Fr.) Ricken
Jew's Ear, Judas' Ear
Hirneola auricula-judae (Bull. ex St. Amans) Berk.
Yellow Brain Fungus, Witches Butter
Tremella mesenterica Retz. ex Hook.
Yellow Chanterelle Pixie Stool
Cantharellus cibarius Fr. ex Fr.
Cantharellus tubaeformis
Bull. ex Fr.
Oyster Fungus, Oyster-cap Fungus, Oyster Mushroom
Pleurotus ostreatus (Jacq. ex Fr.) Kumm.
Lentinus Lepideus
(Fr. ex Fr.) Fr.

25. GLOSSARY OF BASIC MYCOLOGICAL TERMS

About NIIR

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