



## Introduction about Mushroom

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Presented By: D K Sridhar Babu



**Tamil Nadu Technology Development & Promotion Center**

*An autonomous society of Government of Tamil Nadu and Confederation of Indian Industry*

MILKY  
MUSHROOM  
CULTIVATION

*Calocybe indica*



MUSHROOM

AN

INTRODUCTION

## Mushroom ?

Mushrooms are the fruiting bodies of macro fungi

An edible fungus (*Agaricus campestris*), having a white stalk which bears a convex or even flattish expanded portion called the pileus. This is whitish and silky or somewhat scaly above, and bears on the under side radiating gills which are at first flesh-colored.

# MAJOR MUSHROOM VARIETIES

- Oyster Mushroom



- Milk Mushroom



- Button Mushroom



## WHY MUSHROOMS ?

- High Nutritional Value
- High Medicinal Value
- Diversity
- By product Utilization
- Income & Employment Generation
- Eco Friendly

# WHY MUSHROOMS ?

Edible mushrooms once called the “food of the gods”

## High-Nutrition Value

- Moisture 89 -90 %
- Crude protein 25 -28 %
- Fat 2 -3 %
- CHO Total 59 -60 %
- N-free 48 -51 %
- Fiber 8 -10 %
- Ash 8 -12 %
- Energy value 328-354

# MUSHROOM GROWN DISTRICTS

IN

TAMILNADU

- NILGIRI
- COIMBATORE
- ERODE
- VILUPURAM
- MADURAI
- PUDUKOTAI

# MILKY MUSHROOM

## *Calocybe Indica*

Species	:	Calocybe Indica
Origin	:	West Bengal Forest
Developed By	:	Arupukotai Research Center (TNAU)
		APK 02
Shape	:	Umbrella
Colour	:	Milky White
Size	:	Max 2 Kg/Mushroom

# Optimum Climate for Milky Mushroom

- 35 – 40 ° C
- 0 –200 MSL
- 85 to 95 % RH

# Physical Character

- More Fiber
- Intermediate Moisture Content 40 %
- Good Stability

# Advantages

- More Shelf Life
- High Pest & Disease Resistance
- Marketability & Palatability
- Easiness of Cultivation
- Transportability
- Market Demand
- More Value addition like pickles, Powders, etc



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