Growing Mushrooms In Broome My Journey So Far

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Hosted by Incredible Edible Broome

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Introduction

- What is mushroom growing?
- Why grow mushrooms at home?
- How I started

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Types of Mushrooms

- Types of Mushrooms I have grown in Broome:
  - • Oyster (Pink, Pheonix, and Warm White)
  - • Lions Mane (Heat Tolerant)
- Others that I have tried or should work in Broome
  - Paddy Straw
  - Other Oyster Varieties (King Pearl, Yellow, Princess Pearl, Giant Pearl)
  - Shaggy Mane

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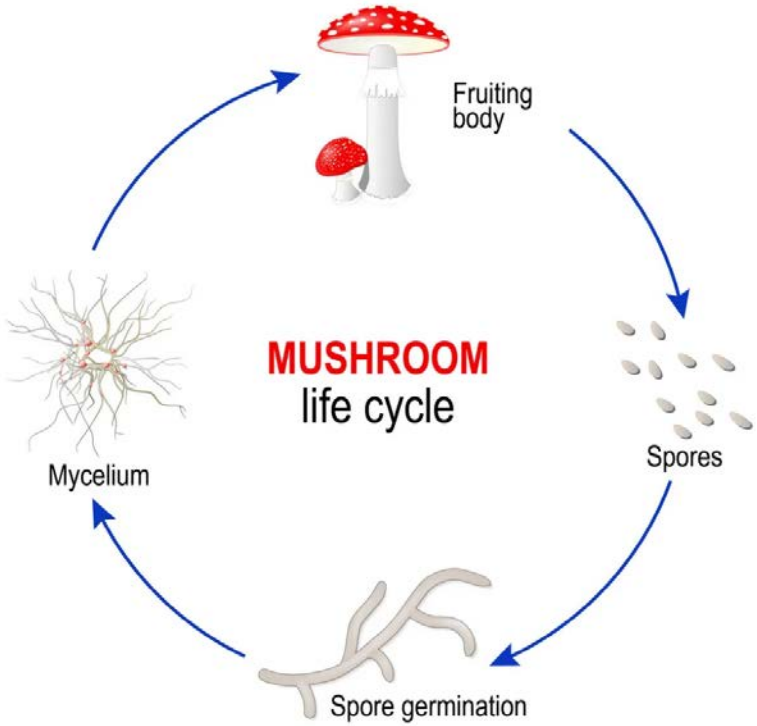
Understanding Mushroom Life Cycle



Growing Methods

- Indoor vs. Outdoor growing in Broome
- Kits vs. DIY methods

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Tools & Equipment

- Pressure Cooker
- Jars
- Spray Bottle
- Buckets or Bags
- Still Air Box
- Syringes
- Isopropyl Alcohol
- Gloves

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Sterilizing and Pasteurizing

- Sterilizing Grain
- Pasteurizing Substrates

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Inoculation Process

- Introducing mycelium to grain or substrate
- Techniques:
  - Spores
  - Agar
  - Liquid Culture
  - Grain spawn
- Importance of clean handling

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Growing Mediums (Substrates)

- Options for substrates:
  - Oyster → Straw, sawdust, coffee grounds, cardboard
  - Paddy Straw → Straw, banana leaves
  - Lions Mane → Sawdust/Hardwood Pellets

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Setting Up A Grow Space

- Optimal conditions:
  - • Humidity (80–90%)
  - • Temperature (24–35°C)
  - • Shaded, well-ventilated space
- Bathroom
- Purpose Built Growing Space

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Harvesting Mushrooms

- Identifying the right time to harvest
- How to properly pick mushrooms to avoid damage

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Mushroom Growth

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Mushroom Growth

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Expanding Cultures and Cloning Mushrooms

- Methods for getting more from your mushrooms:
  - Expanding Liquid Culture
  - Expanding Grain Spawn
  - Tissue sample cloning
  - Collecting spores

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Troubleshooting and Maintenance

- Common issues:
  - • Contamination
  - • Slow growth
  - • Pests
- Solutions and preventive tips

Resources

- YouTube:
  - FreshCap Mushrooms
  - Fungaia
  - Mossy Creek Mushrooms
  - Spore n' Sprout
- Online Suppliers
  - Rootlab.com.au
  - AussieMushroomSupplies.com.au
  - LittleAcre.com.au
  - TheFunGuy.com.au

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Questions?

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