

Academic year: 2020-21

EXTENSION LECTURE:

Dr. Daravath Parvathi,

Department of Botany, Pingle Govt. Degree & P.G College Warangal

Collaborated with Dept of Botany, GDC Mahabubabad

Name of the Topic: -" Mush Room Cultivation

Conducted on 15th Feb 2021 Number of Students attended: 30

Extension Lecture to B.Sc I & II Year Students.



Dr D Parvathi Presented Mushroom Cultivation Main Points:

- Mushroom farming consists of six steps, and although the divisions are somewhat arbitrary, these steps identify what is needed to form a production system.
- The six steps are
- **Phase I composting,**
- **Phase II composting, spawning, casing, pinning, and cropping**
- The second edition of *Six Steps to Mushroom Farming* recognizes that much progress in mushroom farming has taken place over the last 25 years since the original edition was published.
- Trends such as use of forced aeration Phase I, Phase II tunnels, Phase III bulk spawn run, casing inoculum, compost supplementation, hybrids, improved nutritional status of mushrooms, and alternative uses of post-crop mushroom compost necessitates an updated, reorganized, and expanded second edition of *Six Steps to Mushroom Farming*.
- These steps are described in their naturally occurring sequence, emphasizing the salient features within each step. Compost provides nutrients needed for mushrooms to grow.
- Two types of material are generally used for mushroom compost, the most used and least expensive being wheat straw-bedded horse manure. Synthetic compost is usually made from hay and wheat straw, although the term often refers to any mushroom compost where the prime ingredient is not horse manure.
- Both types of compost require the addition of nitrogen supplements and a conditioning agent, gypsum.
- The preparation of compost occurs in two steps referred to as Phase I and Phase II composting.

Sl. No	Name of the Student	Course and Year
1	KANDULA RAVALI	B. Sc Life Science First Year
2	GUGULOTH NANDINI	B. Sc Life Science First Year
3	AZMEERA ANIL	B. Sc Life Science First Year
4	NELIGONDA VENNELA	B. Sc Life Science First Year
5	PONAKA NAVYA	B. Sc Life Science First Year
6	DHARAVATH RAASHI	B. Sc Life Science First Year
7	GUGULOTH SURYA PRAKASH	B. Sc Life Science First Year
8	PANDIRLA RAKESH	B. Sc Life Science First Year
9	GUGULOTH CHANDRA SEKHAR	B. Sc Life Science First Year
10	ERPA PRAVEEN	B. Sc Life Science First Year
11	VEMULA LOKESH	B. Sc Life Science First Year
12	GUGULOTH VENKANNA	B. Sc Life Science First Year
13	RACHA AISHWARYA	B. Sc Life Science First Year
14	SHAIK MANISHA	B. Sc Life Science First Year
15	MADURI RANJITH KUMAR	B. Sc Life Science First Year
16	GUGULOTH ANIL	B. Sc Life Science First Year
17	NAVILA AKHILA	B. Sc Life Science First Year
18	GUGULOTH VENKANNA	B. Sc Life Science First Year
19	RACHA AISHWARYA	B. Sc Life Science First Year
20	SHAIK MANISHA	B. Sc Life Science First Year
21	MADURI RANJITH KUMAR	B. Sc Life Science First Year
22	GUGULOTH ANIL	B. Sc Life Science First Year
23	MUTHAMSETTI SAI	B.Sc. Life Science II Year
24	THATI SRIJA	B.Sc. Life Science II Year
25	KAMATAM MOUNIKA	B.Sc. Life Science II Year
26	ESLAVATH VIJAYALAXMI	B.Sc. Life Science II Year
27	MASNA RACHANA	B.Sc. Life Science II Year
28	NAVILA AKHILA	B. Sc Life Science First Year
29	KANDULA RAVALI	B.Sc. Life Science II Year
30	GUGULOTH NANDINI	B.Sc. Life Science II Year