

# Success story:- Mushroom spawn production

## Background Information:-

Smt.Sandhya rani Mahala of village Bhusandapur, Barchana, Jajpur now a satisfied and successful mushroom entrepreneur and spawn producer wanted to find a better way to get answers to her pressing family need as she could hardly get opportunity to earn income through paddy farming and small scale dairy activities. Assessing her need and potentiality, KVK imparted vocational training on round the year mushroom and spawn production in campus , which motivated her to take up the mushroom cultivation, which requires low investment and can be utilized her waste land so also spawn production which is a great demand in jajpur district.



## Description of Technology: -

Use of quality spawn,scientific method of mushroom bed preparation grading and packaging of mushroom, harvesting techniques, value added products from mushroom. In spawn production Quality wheat used for mother spawn and planting spawn production, auto clave sterilization of spawn bottles, inoculation for paddy straw mushroom is ten days and oyster mushroom is fifteen days.

## Dissemination Process:-

Training by KVK, Jajpur, method demonstration KVK Scientist, small scale mushroom & spawn production, monitoring and feed back, market linkage(Horticulture Dept., ORMAS), Eneterprenureship development, credit linkage (NABRD, ATMA, BANK)

## Institutes Involved: -

KVK, Jajpur, ATMA Jajpur, Hortt. Deptt for technological support and guidance

## Outcome:-

| Sl.N o. | Type of Enterprise                 | Area/ Nos      | Production/ annum(Qtl.) | Expenditure (Rs)/ Annum | Income / Annum   | Net Profit (Rs./Annum) |
|---------|------------------------------------|----------------|-------------------------|-------------------------|------------------|------------------------|
| 1       | Production of Paddy Straw Mushroom | 5000 beds p.a. | 50                      | 2,50,000                | 4,00,000         | 1,50,000               |
| 2       | Production of Oyster Mushroom      | 1000 beds p.a. | 18                      | 63,000                  | 99,000           | 36,000                 |
| 3       | Production of Mushroom spawn       |                | 36000 bottles p.a.      | 3,60,000                | 5,40,000         | 1,80,000               |
|         | <b>Total</b>                       |                |                         | <b>6,73,000</b>         | <b>10,39,000</b> | <b>3,66,000</b>        |

## Employment generation

| Enterprise                         | Operation  | Person engaged | Duration                    | Expenditure(Rs.) |
|------------------------------------|--|----------------|-----------------------------|------------------|
| Production of Paddy Straw Mushroom | Straw cutting, soaking, sterilization, bed preparation, watering, harvesting and packing | 6              | 500 mandays @ 8 hrs/ manday | 1,00,000         |
| Production of Oyster Mushroom      | Straw cutting, soaking, sterilization, bed preparation, watering, harvesting and packing | 2              | 120 mandays @ 8 hrs/ manday | 24,000           |
| Production of Mushroom spawn       | Wheat soaking, sterilization of bottles, inoculation & sealing                           | 4              | 240 mandays @ 8 hrs/ manday | 48,000           |
|                                    | <b>Total</b>   | <b>12</b>      | <b>860 mandays</b>          | <b>1,72,000</b>  |

## **Impact:-**

- Now she is a successful entrepreneur and became a role model to other women in the village as well as other villages. She became a master trainer for all the farm women in Jajpur.
- She has motivated 36 nos of women SHGs of Badachana & Dharmasala block and mobilized them for taking up entrepreneurship activities on mushroom and also provided employment to many women in her enterprises
- She was felicitated in farmers' fair organised in KVK Jajpur and also felicitated by Hon'ble MLA, Barchana through ATMA, Jajpur.
- She has been conferred with award of Successful Mushroom entrepreneur in Odisha by Odisha Mushroom Producers' Federation
- She has been felicitated by lady Governor of Odisha on 24.8.16 on University Foundation Day

