

## **MUSHROOM & HYBRID VEGETABLE CULTIVATION – “BRINGS A BILLION SMILE FOR T.RAJESWARI REDDY”**



T.Rajeswari Reddy daughter of Smt.T.Nirmala Reddy is a farmer from village Tunpar,GP: Tunpar, Block-Laxmipur ,District – Koraput,Odisha. She is about 36 years old.Her family consists of two members.She used to cultivate minor millets,vegetables,spices and some fruits in a traditional way. However it gave poor yield.Realizing that the techniques for cultivation of mushroom and black pepper were not appropriate, she discussed with the Asst. horticulture officer Laxmipur,Koraput.

Then she approached the horticulture department Koraput for help during 2019-20.The Department extended the hand and discussed in details about the benefit of the use of improved varieties of hybrid vegetable.She also came to know about the government subsidy for the programme.A careful assessment of her field followed by exposure visit was made.Thena training programme was held to impart technical knowledge on the package of practices of improved varieties of black pepper,hybrid vegetable and mushroom cultivation.She has also got benefites from solar drier,farm pond and hybrid vegetable cultivation under MIDH during the year 2019-20.

After that T. Rajeswari Reddy cultivated the improved varieties of blackpepper(40 acres),hybrid vegetable in an area of about two acres,mushroom (1000 no.s of beds) according to the practices trained in the training programme followed by time to time guidance from department staffs.She was very comfortable while application of fertilizers,pesticides as well as irrigation is concerned.

She harvested around 6tonnes of fresh chilli and sold it in weekly market at the rate 25/kg. She incurred an expenditure of about Rs.40000/- and got a gross income of about Rs.150000/- .She also got a gross income of Rs.300000/- from mushroom cultivation investing an amount of Rs.70000/- . So her benefit cost ratio is around 3.09:1 .

Today the farmer T.Rajeswari Reddy not only feels proud but also contended a lot. She pays thanks to the horticulture department. She is inspiring other farmers of her village to try out the cultivation of improved varieties ofvegetables and mushroom with necessary package of practices.

## PACK HOUSE –POTTANGI BLOCK

### *Where there is a will, there is a way*

Mr.BabulaDeupladia (42) is from Champakenda village, Maliputmandal, Block: Pottangi in Koraput District of Odisha . He has 2.5Ac of irrigated land. He grows pumpkin, tomato, ginger, cauliflower, cabbage etc in his land. Mr.DushmantNayak has been farming since childhood and is a good farmer.

Mr.BabulaDeupladiawas facing problem to store the crops during harvest season, One day he decided to get a permanent solution to this problem. Then he visited theAsst Horticulture office, and discussed with him. As per suggestion given by the Asst Horticulture officer, Mr.Babula Deupladia has constructed the Functional Pack House during the year 2020-21. He availed a subsidy Rs2,00,000/- from the Horticulture Department. Now he has stored 1 tone pumpkin 1tonne ginger in his pack house and sells it in the weekly market at the rate 20-30/Kg & 40-50 kg.



## MORE CROP PER DROP Success Story of Drip Irrigation

<b>Name of Farmer / Beneficiary</b>	HasmukhaLalChawda
<b>Education</b>	B.A
<b>Gender</b>	Male
<b>Address</b>	At:Aumil GP:Aumil, Block: Boroguma
<b>Crop</b>	Guva& Intercrop Vegetable
<b>Technology Adopted</b>	Drip Irrigation
<b>Total Area under Crop</b>	5 Ha
<b>Name of the Scheme</b>	PMKSY
<b>Month / Year ( Installation of System )</b>	2019-20 (spillover)
<b>Total Costs of System in Rs</b>	1283451/-
<b>Subsidy in Rs</b>	505592/-
<b>Farmers contribution in Rs</b>	777859 /-
<b>Name of the system manufacture:</b>	Netafim India Pvt Ltd
<b>Return of Investment</b>	(Total period = Month / Year): 20 to 25% more yield the farmer was able to cover the installation cost within 2 years.



- **Major learning/s (Results / Impact ):** In the absence of rain, drip irrigation has helped in life saving irrigations during the period when water supply is scarce but essential. This ensured prevention of flower/fruit drop besides improving fruit size and colour of the fruit and early harvesting. This has helped farmer in getting -20-25% more yield and good price.
- **Feedback:-**(About Crop /technology, Scheme and Eco-Socio Experiences etc.) According to the farmer, he is now getting 25 to 30% more yield from his orchard as timely irrigation during stress period and nutrient replenishment through

fertigation helps in improving quality of fruits and therefore increase in size over flood irrigated plants. Drip irrigation has also helped in saving labour charges involved in irrigation, weeding and fertilizer application.

## **MGNREGS PLANTATION**

**“WE FACED THE STORM, AND SAILED THROUGH IT TOGETHER.....“**

During the COVID-19 Pandemic, where many people lost their source of income and livelihood support, our farmers had not lost it all to this pandemic. MGNREGS which is one of the governments flagship programme came as a saviour. It not only restored lost hopes rather sustained their source of income.

Department of Horticulture witnessed such stories during this pandemic through its plantation projects that it had taken up in Koraput district with a total area of 1000 ha. Mango and cashew plantation were taken up in different blocks under MGREGA 2020-21.

Semiliguda Block in Koraput district had taken up an area of 80.6 ha MGNREGA plantation and 37.2 ha area under maintenance. Mango plantation in Malipungar village of Kunduli GP with an area of 8.4ha and Missinguda village of Pakajhola GP with an area of 20 ha are some of the most appreciable projects during this pandemic. The farmers involved in the project not only showed interest since the inception of the project, but were responsive throughout the entire project that was implemented during this time.



## **SINGLE LINE TRELLIS UNDER COVID-19**

<b>Name of Farmer / Beneficiary</b>	<b>KrupaJani</b>
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<b>Gender</b>	Female
<b>Address</b>	<b>Kumaragandhana,Semiliguda</b>
<b>Crop</b>	<b>Vegetable</b>
<b>Technology Adopted</b>	<b>Single Line Trellis</b>
<b>Total Area under Crop</b>	
<b>Name of the Scheme</b>	<b>COVID-19</b>
<b>Year</b>	<b>2020-21</b>

