

Assessment on aromatic rice varieties for higher profitability

Problem	Low profitability due to non aromatic rice cultivation
Season	<i>Kharif 2023 (I)</i>
Farming Situation	Rainfed medium land
Source of technology	RRTTS, Bhawanipatna, OUAT, 2020

Technology Assessed:

FP: Cultivation of Kalajeera

TO1: Cultivation of Gangabali

TO2: Cultivation of Kalikati

Assessment on spine gourd varieties for more yield in *kharif*

Problem	Low yield from desi variety
Season	Kharif 2023
Farming Situation	Rainfed upland

Source of technology	CHES, 2017
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Technology Assessed:

FP: Local indigenous variety(Desi Kankada)

TO1: Cultivation of spine gourd var.Arka Neelachal Shanti

TO2: Cultivation of spine gourd variety Arka Neelanchal Shree

Assessment of the improved techniques for cultivation of Paddy straw mushroom using crumpled straw

Problem	Low yield from Paddy straw Mushroom from crumpled straw
Season	Kharif 2023 (1)
Farming Situation	Homestead

Source of technology	Source: <i>TNAU</i>,2012
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Technology Assessed:
FP-Rectangular compact method (45x60x30 cm)
TO1-Square compact bed size (30 × 30 cm)
TO2-Circular compact bed size -(45 cm diameter, 30 cm height (<i>Volvariella volvacea</i>))

Assessment on IPM modules for management of sucking pests in Brinjal

Problem	Indiscriminate use of chemical pesticides leads to resurgence in sucking pests, yield un-stability, less eco-friendly
Season	<i>Rabi 2023-24</i>
Farming Situation	Irrigated medium land

Source of technology	OUAT SLREC Proc., 2019
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Technology Assessed:

FP: Spraying of Thiamethoxam 25WG @ 150 gm/ha and Dicofol 18.5EC @ 1.5 l/ha

TO1: Installation of Yellow sticky traps @20/ha at 15 DAT, alternate spraying of Spiromesifen 22.9% SC @ 400 ml/ha and Neem oil (300 ppm) @ 2.5L/ha at 15 days interval starting from 30 DAT.

TO2: Installation of YST @ 20/ha at 15 DAT, alternate spraying of Spirotetramat 11.01% + Imidacloprid 11.01% SC @ 500 ml/ha and Neem oil (300 ppm) @ 2.5L/ha at 15 days interval starting from 30 DAT.