

**Details of the
Best OFTs conducted
during last year along with action
photographs
2020-21**

Details of the Best OFT Conducted During Last Year

Title of OFT	Technology Options	Details of Technologies	Yield over local	Incremental income (Rs.)	Remarks
Assessment of high protein ,nutrient rich Rice Varieties CR Dhan-310 and CR Dhan-311	F.P.	Cultivation of paddy variety Naveen.	33.2 (q/ha)	-	CR Dhan-310 gives best yield of 42.0 q/ha followed by CR Dhan-311 of 39.6 q/ha
	TO1	Protein rich paddy variety CR-Dhan-310	42.0 (q/ha) (20.95 %)	41,230	
	TO2	Protein rich paddy variety CR-Dhan-311	39.6 (q/ha) (16.1%)	36,874	
Assessment of Onion Varieties of Kharif Season	F.P.	Agri found dark red	184.3 (q/ha)	-	Arka Niketan gives best yield of 243.9 q/ha followed by Bhima Super of 209.7 q/ha
	TO1	Bhima Super	209.7 (q/ha) (12.11%)	1,34,700	
	TO2	Arka Niketan	243.9 (q/ha) (24.4 %)	1,68,900	
Assessment of insecticides for management of rice stem borer	F.P.	Application of Cartap Hydrochloride @ 10 kg/Acre at 15 DAT	32.50 (q/ha)	-	TO2 gives best yield of 44.47 q/ha followed by TO1 of 42.6 q/ha
	TO1	Nursery treatment + granular application of chlorantraniliprole 0.4 G @ 10kg/ha at 30 DAT + Cartap hydrochloride 50 SP @ 750 g/ha at 50 DAT	42.6 (q/ha) (23.70 %)	42,319	
	TO2	T O ₁ + Rymaxypyr 20 SC @ 150 MI/ha	44.47 (q/ha) (26.91 %)	45,713	

OFTs Activities Photographs



CR -310 & CR-311 Dhan



Rice Stem Borer



Onion Varieties of Kharif Season



Details of the Best OFT Conducted During Last Year

OFT Title	Assessment of Onion Varieties of Kharif Season		
Season & Year	Kharif- 2021 (II nd Year)	No. of Trials & village	7, Rampur,Pollam & Lambakani.
Crop / commodity	Onion	Farming Situation	Upland and Irrigated Kharif
Problem diagnosed	Low yield due to Unavailability of Suitable variety.	Spread & intensity of problem	560 ha
FP	Agri found dark red		
T O ₁	Bhima Super	Source:	DOGR, Pune, 2015
T O ₂	Arka Niketan		
Characteristics of technology	T O ₁ Bhima Super - Bulbs are dark Red in colour, flat, globular in shape, matured in 95-100 DAT. Recommended for growing on Kharif season to all over the country & Yield 20-22 t/ha.		
	T O ₂ - Arka Niketan- Bulbs are globular with thin neck. Attractive colour, plant matured 145 DAT average yield 34 ton/ha.		
Observation Parameters	Average Bulb weight(gm), Average Bulb Diameter,(cm)		
Performance Indicator	Cost of Intervention, Additional income over additional investment ,Yield (q/ha), B:C ratio & farmer feedback.		

RESULTS	Bulb dia meter (cm)	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	5.6	184.3	-	64,300	1.5
TO-1	7.1	209.7	13.78	89,000	1.7
TO-2	7.49	243.9	32.33	1,23,900	2.0

