

**Details of the
Best OFTs conducted
during last year along with action
photographs
2019-20**

Details of the Best OFT Conducted During 2019-20

OFT Title	Assessment of Triple disease resistant tomato hybrid Arka Rakshak & Arka Samrat during Rabi Season				
Season & Year	Rabi- 2019-20	No. of Trials & village	07(0.5 ha), Khuntiapada,Rampur		
Crop / commodity	Tomato	Farming Situation	Medium and Irrigated Land. (Paddy-Vegetable)		
Problem diagnosed	Unavailability of Wilt Resistant Variety.				
FP	Use of HYV Laxmi				
TO- 1	Arka Rakshak	Source: ICAR-IIHR,BENGALURU,2016			
TO -2	Arka Samrat				
Characteris tics of technology	TO-1, Arka Rakshak First F1 hybrid with triple disease resistant to ToLCV, BW and early blight. Fruits square round, large(90-100g),deep red coloured and firm.Suitable for fresh market and processing.Yield: 75-80 t/ha. in 140 days. Seed 100g/ha. Transplanting at a spacing of 90*60 cm.				
	TO-2, Arka Samrat First F1 hybrid with triple disease resistant to ToLCV, BW and early blight. Fruits obtale to high round, large(90-100g),deep red and firm. Suitable for fresh market.Yield: 80-85 t/ha in 140 days.				
RESULT S	No. of fruits/plants	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	27.6	283.6	-	76,400	1.5
TO-1	43.2	477.9	40.67	2,31,600	2.5
TO-2	35.4	351.3	19.37	1,30,800	1.8



Tomato var: Arka rakshya, Arka Samrat

