

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

Title	Demonstration on Weed Management in Rabi Onion.
No. of Trials & Area	10, 1 ha
FP	Manual Weeding at 30 DAT
Demo	Pre – emergence application of Pendimethalin @ 0.2 % or oxyflurofen + one hand weeding at 40 to 60 DAT
Details of technology	Pre – emergence application of Pendimethalin @ 0.2 % or oxyflurofen + one hand weeding at 40 to 60 DAT is best in reducing cost of cultivation and increasing yield.



Results	Weeds/m²	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	379.7	181.3	30.8	1,46,500	2.1
RP	74.4	237.2		2,30,500	2.8

OFT Title	Demonstration on Triple disease resistant tomato hybrid Arka Rakshak during Rabi Season
No. of Trials & Area	10, 1 ha
FP	Planting of HY Tomato Variety-Laxmi
Demo.	Planting of triple disease resistant tomato variety-Arka Rakshak
Details of Technology	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.



Results	No.of Fruits/plant	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	38.8	359.4	17.27	2,09,400	2.3
RP	49.0	421.9		2,71,900	2.8

Title		Demonstration on IDM Package for Pumpkin
No. of Trials & Area		10, 1 ha
FP		Foliar spray of Coper oxychloride @ 2gm/lit & Mancozeb 63 % + Carbendazim 12 %
Demo		Seed treatment with Carbendazim 12 % + Mancozeb 63% @ 3g/kg drenching of captan 70% + Hexaconazole 5 % WP @ 0.1 % AT 15 Days after germination. Spray with Imidacloprid 17.8 SL @ 7.5 ML/151 + Neem oil @ 0.2 % at 25 days after germination. Spray of captan 70 % + Hexaconazole 5 % WP @ 0.1 % at 35 days after germination. Spray of fosetyl- Al @ 0.1 % at 45 days after germination.
Details of technology		Seed treatment helps to reduce the mortality of seedlings & scheduled spraying of different fungicide after germination helps to manage fungal disease complex.



Results	Total avoidable losses q/ha	Yield (q/ha)	% change in Yield	Net Income (Rs./ha)	BC Ratio
FP	38.39	182.6	25.2	52420	2.0
RP	0.00	244.2		61615	2.2